

In the News

Wednesday, October 6, 2004

A daily compilation of news stories about Auburn and articles of interest to the university.

Produced by the Office of Communications & Marketing.

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OPELIKA-AUBURN
NEWS

10/06/04

AU exhibit features Hungary as seen by photographer Mitch Kern

STAFF REPORT

On Monday, Oct. 11, the Department of Art's Biggin Gallery will premiere the photographs of Louisiana Tech digital photography professor Mitch Kern whose work focuses mainly on visual metaphors of cultural identity. The award-winning artist employs portraiture through photography as a means of exploring issues of race, class and gender.

Kern aims to spark a connection between the viewer and his subjects, to create a ground where the viewer might form a relationship with the subject despite their perceived differences.

"La Fotoz Hatom? (May I Take Your Picture?) Snapshots of Hungarians by Mitch Kern" consists of 24 life-size color portraits created this summer in Hungary. The solo exhibition will begin at Auburn University and tour to other states and locations throughout 2004-05. The exhibition at Biggin Gallery will run through Nov. 5 and will include two public talks by the artist.

Kern was selected to be part of an artist-in-residence program for three weeks at the Hungarian Multicultural Center in Budapest in July.

There, he took to the streets with his English-to-Hungarian dictionary asking strangers if he could take their picture. Kern says the resulting portraits are somewhere between a studio and an environmental portrait which include a wide variety of faces and people of Hungary in front of interesting, culturally specific backdrops such as facades of buildings, cracked paint and brick walls.

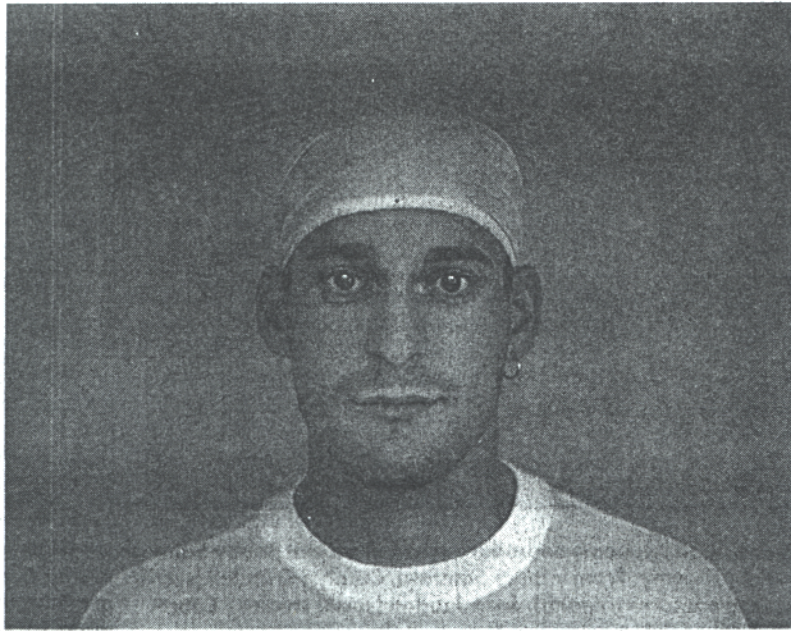
Kern felt it was his job to go out and connect with people rather than stay inside his studio in Hungary. He says his digital camera helped build trust and overcome language barriers; he was able to show his subjects their photograph immediately as well as those of others he had previously taken. While in the small town of Balatonfured (pop. 13,500) Kern found Oscar Vencel working in his garden and was invited inside his home. The two communicated mainly through pantomime and hand gestures over a meal of fresh eggs directly from the chicken coop.

Mitch Kern is an assistant professor in the school of art at Louisiana Tech University. He earned his master of fine arts degree in photography at Penn State University in 2002. His photography has been winning awards since he began exhibiting in 1997 and continues to do so in competitions across the U.S. He began his career in photography freelancing for commercial and editorial clients and moved on to a staff position with a Times Mirror owned publishing company serving the Baltimore and Washington, D.C. area. Since then he has worked as a photographer and photo editor for national magazines and ad agencies and as an instructor at Central Missouri State and Penn State universities.

Kern was raised in New York City and moved to Los Angeles with his family in the late '70s. His early interest in photography began at the age of 15 when his sister set up a darkroom in their suburban San Fernando Valley home and taught him how to use it.

In addition to serving as juror for the 2004 annual photographic competition

LA FOTOZ HATOM?



(MAY I TAKE YOUR PICTURE?)

SPECIAL TO THE NEWS

Mitch Kern's photographs will be on display at the Biggin Gallery Oct. 11 through Nov. 5.

held at the Jan Dempsey Art Center, Mitch Kern will present two separate public talks; he will speak about his personal work on Sunday, Oct. 10, at 2:30 p.m. at the Jule Collins Smith Museum of Fine Art at Auburn University (901 South College St.). On Monday, Oct. 11, at 4:30 p.m. in Room 005 (lower level) Biggin Hall, Kern will present "Craft, Content and Sincerity" a talk which he says, could also be called "Hand, Head and Heart." This talk will address the development of the artist's voice in tandem with stylistic and characteristic handling of the media. After the talk and discussion, an opening reception will be held for the artist at Biggin Gallery from 5:30 to 7:30 p.m. All events are free and open to the public.

"I met Mitch Kern by chance in a lob-

by at a national arts conference in New York in 2003," said Barb Bondy, AU Department of Art exhibitions and lectures coordinator. "I was impressed with his enthusiasm for photography and how he was excited to talk about ideas. Three days later I was in Chicago at an opening for a national juried exhibition. The works were selected by James Rondeau, curator of modern and contemporary art at the Art Institute of Chicago and the first-place award coincidentally went to a photographer by the name of Mitch Kern."

Gallery hours are Monday to Friday, 8 a.m. to 4 p.m. or by appointment by calling Barb Bondy, exhibitions and lectures coordinator, department of art, 844-3483 or e-mail the artist at mkern@latech.edu.

THE EXHIBITION

"La Fotoz Hatom? (May I Take Your Picture?) Snapshots of Hungarians
by Mitch Kern

Oct. 11 to Nov. 5

Biggin Gallery

101 Biggin Hall

Auburn University

Gallery Hours: Monday to Friday, 8
am to 4 p.m.

THE ARTIST SPEAKS

■ Sunday, Oct. 10, 2:30 p.m. at the
Jule Collins Smith Museum of Fine
Art at Auburn University, 901 South
College

■ Monday, Oct. 11, 4:30 p.m.
"Craft, Content and Sincerity" at
Biggin Hall, Room 005 (lower level)

Followed by a 5:30 p.m. reception
for the artist in Biggin Gallery.

For more information call 844-3483.

Note: All times are CDT

OPELIKA-AUBURN NEWS

10/06/04



Helping Aubie this week is Dr. Dave Han, assistant professor and Extension specialist of turfgrass management in the Department of Agronomy and Soils in AU's College of Agriculture.



Dear Aubie,
What makes the mushrooms grow in our yard after it rains? We get a lot of them. Thanks for answering our question!



Hannah and Maddie Wellbaum

Hannah Wellbaum, 6 1/2 years old, Cary Woods Elementary School, grade 1

Maddie Wellbaum, 4 1/2 years old, AUMC Preschool
Auburn

Dear Hannah and Maddie,

April showers may bring May flowers, but as you have noticed, rain at almost any time of the year can bring mushrooms! And not just in the yard either, though they are easy to spot out in the grass. If you ever go walking in the woods after a good rain, you will see an amazing variety of sizes, shapes and colors of mushrooms. Mushrooms are an important part of the ecosystem, breaking down dead plant matter and making the nutrients available for new plants to use.

Although it looks like mushrooms appear out of nowhere, they really don't. A mushroom is only a small part of a large fungus, an organism that mostly lives underground. Even when there is no mushroom visible above ground, the fungus is living and growing in the soil of the yard. In

fact, some fungi are believed to be among the biggest living organisms on Earth. There was a lot of publicity in 1992 when researchers found a fungus in Michigan that covered more than 30 acres. Since then, other examples of "humongous fungus" have been found, with some estimated to cover more than three square miles!

You can imagine an underground mushroom fungus as a vast web of very tiny threads weaving through the soil, breaking down organic matter in the soil for its food. If you dig through the soil, you may not see the fungus at all, since the threads are microscopic, or virtually invisible without the aid of a microscope. A mushroom grows when the fungus threads begin to grow together and form a large structure that sticks up out of the ground. This happens a lot after it rains because the fungus threads are delicate and very prone to drying out. A lot of moisture is needed to produce a mushroom, and so they tend to form only when the soil is very wet, like just after it rains. Temperature also plays a role in regulating mushroom formation.

Why does the fungus make a mushroom? It's how it reproduces. Just like a plant makes flowers and seeds, a fungus makes mushrooms and spores. Spores are the "seeds" of a fungus. If you turn a mushroom over, you can usually see what are called "gills" on the underside of the cap (the part on the top that spreads out). These are membranes that look a lot like fish gills. Each gill is lined with cells that make spores. They

To Ask AUBIE

Do you or your class at school have a question for Aubie?

Your question, along with your name, age, contact information and school name, can be e-mailed to askaubie@auburn.edu or mailed to Ask Aubie, c/o AU Office of Communications & Marketing, 23 Samford Hall, Auburn University, AL 36849.

Also visit ASK AUBIE at

www.auburn.edu/askaubie

fall out of the bottom of the cap of the mushroom and are picked up by the wind so they can spread to other places far away. Spores can travel very far and high. Living fungus spores can be found at altitudes above 10,000 feet and thousands of miles away from land over the ocean.

It is very important that you NEVER eat any mushroom you find growing in your lawn, or any other wild mushroom, unless you know exactly what you are doing. Every year, people die from eating poisonous wild mushrooms they mistakenly thought were edible. It takes years of practice and teaching from an expert teacher to be able to tell edible wild mushrooms from poisonous ones. Stick to your store-bought mushrooms, which are grown specifically for eating by mushroom farmers, when you feel like eating a fungus.

**Thanks for your question,
Aubie and Dr. Han**

Indian in race for Chemistry Nobel

INDRA BHADRA

[WEDNESDAY, OCTOBER 06, 2004 12:26:48 AM]

That three Americans will share the '04 Nobel prize for physics, is already known. By tomorrow, the world will also know about the winner for chemistry.

What many in India do not know, however, is that an Indian scientist, Mrinal Thakur, who is now a professor at Auburn University, Alabama, is in the race for the coveted award. The university has nominated him for the fourth time in a row for the Nobel prize in chemistry for his discovery of non-conjugated conductive polymers and the correct fundamental basis of conductive polymers in general.

It may be mentioned that the '00 Nobel prize for chemistry was awarded to Alan Hedger, Alan MacDiarmid and Hideki Shirakawa for their discovery and development of electrically-conductive polymers.

However, the trio discovered only 'conjugated' conductive polymers. Mr Thakur has established that conjugation is not a fundamental requirement for a polymer to be conductive.

"A polymer must have at least one double bond in the repeat to be conductive and that is the correct fundamental basis for conductive polymers," says David Dyer, professor, mechanical engineering department of the Auburn University, Alabama, in his recommendation.

Mr Thakur, who hails from West Bengal, joined Auburn University in 1988, after finishing his initial studies at the Viswabharati University, Shantiniketan.

LATEST NEWS

10/6/04

Auburn gets \$310,000 grant to study tax policy, land use

Auburn University has been awarded a \$310,000 federal grant to study the relationship between tax structures and land-use in the South.

Daowei Zhang, professor of forest economics and policy, will conduct a three-year study of market forces, urbanization, and forest and agriculture land-use change.

Zhang will examine tax records from the past dozen or so years from Virginia to Texas, including more than 850 counties and thousands of municipalities.

He says the study will assist policy-makers, who need empirical evidence on whether property tax change will lead to a decline in forest and agricultural land.

The grant was made by the U.S. Department of Agriculture. Zhang is a professor in Auburn's School of Forestry and Wildlife Sciences.

The Huntsville Times

Kolen happy Auburn may have interest in him as AD

Wednesday, October 06, 2004

Huntsville Times

One of the candidates for the athletic director's job at Auburn University was in town Tuesday night for the regular weekly meeting of the Huntsville Quarterback Club.

Former Auburn All-America linebacker Mike Kolen, who later played on the Miami Dolphins' undefeated 1972 team, spoke on a variety of subjects, including his college coach, Shug Jordan, and his pro coach, Don Shula.

He disclosed that he almost signed a football scholarship with Tennessee after his senior year at Birmingham's Berry High School, adding: "My mom made me realize that I needed to stay in the state. I fell in love with Tennessee, but I loved Auburn a little more."

He praised both Auburn coach Tommy Tuberville and Alabama coach Mike Shula, the son of his old coach. On Tuberville, who's off to a 5-0 start this season: "I've gotten to know Coach Tuberville a little and I appreciated the fact that he's a player's coach." On Shula: "I have a great deal of respect for him and his family. If they give him time, he'll do well and build a winning program. He's made of the right stuff."

He said Auburn's success this season is the result of "unselfishness" as personified by Carnell Williams and Ronnie Brown."

The question of who will succeed David Houzel as Auburn's athletic director never came up until after the meeting, when Kolen was pulled aside and asked directly about his interest in the job.

In addition to Kolen, among those who've been mentioned as candidates are Donald Powell, chairman of the Federal Deposit Insurance Corporation; Jay Jacobs, Auburn's senior associate athletic director for compliance; Dan Radakovich, associate AD at LSU; Greg McGarity, associate AD at Florida; and Kolen, owner of Kolen Financial Team in Birmingham.

Powell is believed to be the only one who has been interviewed thus far.

Understandably, Kolen addressed the question with caution.

"I can't really say a lot about it," he said. "I'm honored my name has surfaced. I do think I'll be in the mix when the interview process goes forward.

"Any former student-athlete who played at Auburn would be flattered to be mentioned."

Kolen pointed out that he was first interviewed for the Auburn AD job 12 years ago when Pat Dye stepped down and Mike Lude was hired as interim AD. At the time, Kolen owned the Montgomery Athletic Club.

"Several people spoke out on my behalf back then," Kolen said, "but the way it worked out turned out to be the best for all concerned. I went from a successful business in Montgomery to a successful business in Birmingham."

Now, Mike Kolen's name is out there again.

Although he's not publicly campaigning for it, Kolen has widespread support, particularly from many former players in the influential A-Club.

"I don't know when a decision will be made," he said. "But yes, I'm pleased that my name's on the list."

Different feeling on Plains this year

It would be difficult to find a college football coach in the country who's having a better time right now than Tommy Tuberville.

Less than a year after an Auburn University interim president attempted to fire him, a new Auburn University interim president seems poised to offer him a raise or anything else that might occur to him.

What's that coach? You want a jacuzzi in your office? You want William Walker to be your personal butler? Well, you've had a remarkable season. Consider it done, coach. He'll be delivering high tea and your dry cleaning precisely at 4.

Consider Auburn's 5-0 start and No. 6 national ranking Tuberville's version of a pie-in-the-face to ex-interim president Walker, outgoing athletic director David Housel, reactionary university trustees and dissatisfied fans. It's amazing how therapeutic wins over Louisiana State and Tennessee within a three-week period can be.

Suddenly, everybody's clamoring for space on the bandwagon as if it's the last airplane out of Saigon. Suddenly, Louisville coach Bobby Petrino's phone number disappears from the Samford Hall speed-dialers.

When is the Georgia game again? When is the Southeastern Conference championship game? When is the Orange Bowl?

If you've followed this program for any length of time, however, you're probably not ready to use "Auburn" and "national championship" in the same sentence just yet. If you've seen the Tigers reach this precipice before, only to trip and go tumbling back down the mountain, you're probably ducking, covering and assuming the crash position.

The players even understand the sense of foreboding, the *uh-oh, what's next?* complex Auburn fans understand all too well.

"We've been in this position before -- last year," Auburn wide receiver Courtney Taylor said. "We came in preseason No. 1 or in the top five in a lot of polls. We've been there before. We know how to take a hard fall."

This season should end differently because this ranking is rooted in realism rather than in fanciful preseason imagination. It's a different time and an entirely different team in terms of composition and composure.

For one thing, these Tigers seem more interested in togetherness than NFL draft status. Tailbacks Carnell Williams and Ronnie Brown willingly share carries, and the defense, devoid of All-Americans or egos, shares "one heartbeat," as safety Junior Rosegreen puts it.

"We've just got great chemistry," Rosegreen said. "We have a lot of fun. We laugh and crack jokes. Even when we're out there on the field, if somebody gets run over, we'll laugh at them just to keep spirits up. We don't talk about them or get down on them. We have fun on the game field."

The latter nuance may be the most critical factor in the Tigers' success. New offensive coordinator Al Borges personifies this team's don't worry, be happy smiley face.

The quirky, fast-talking assistant has provided the Tigers with an imagination, a sense of daring and a spirit of optimism. In five games, he's presided over a once-inconceivable transformation in quarterback Jason Campbell. Once a robotic, tentative player, Campbell now commands the complete confidence of his teammates after demonstrating poise and making big plays against LSU and Tennessee.

More importantly, Campbell's consistent interview catchphrase, his constant mention of the need to "stay focused," seems to have rubbed off on his teammates. This season, the Tigers have displayed LSU- and Tennessee-type intensity for Louisiana-Monroe and The Citadel.

The great teams do that. It's too early to apply that label to this Auburn team, of course, but it's set up to achieve what so many expected of it last season. Of course, the disappointment and dysfunction of last season remain so fresh in the minds of these players that you won't hear any mention of the Georgia game, the SEC championship or the Orange Bowl.

"We kind of shush that talk real quick," Williams said. "We know once you start looking ahead and thinking that, somebody will knock you off."

That placidity speaks volumes about the state of this football program. People are exercising the right to remain silent, but not because they're ducking uncomfortable questions about the coach's future.

Tuberville: Support is nothing new

By Jay G. Tate
Montgomery Advertiser
jgtate@gannett.com

AUBURN — Secure is no longer premature.

Auburn's 5-0 start and No. 6 national ranking has prompted school president Ed Richardson to publicly clarify his feelings about the football program and coach Tommy Tuberville in particular.

Richardson, who told a New Orleans-based reporter last month that "secure is premature" when it came to Tuberville's job security, now believes Tuberville will be rewarded at season's end.

"I'm just so pleased in the direction and level of the athletic program," Richardson told *The Birmingham News*.

Tuberville wasn't surprised.

"It makes me feel good to know that people are appreciating what's happening," said Tuberville, whose Tigers beat Tennessee 34-10 last weekend. "It's great for the assistant coaches to know their work means something to people. And I like it, too."

Tuberville said he was



Karen S. Doerr Advertiser

Auburn head coach Tommy Tuberville has the Tigers off to a 5-0 start and ranked sixth in both Top 25 polls this year.

surprised about the public outcry created over Richardson's mid-September comments. The issue was re-examined last weekend when ESPN analyst Mike Gottfried was critical of Richardson during the Auburn-Tennessee telecast.

Gottfried asked how any-

one could fail to appreciate Tuberville's work at Auburn — much less an Auburn administrator.

Yet Tuberville wasn't curious.

"I've talked to (Richardson) several times and we've shared some good laughs about it," Tuberville

LA. TECH
AT
(6) AUBURN



- **When:** 2:30 p.m. Saturday
- **Where:** Jordan-Hare Stadium, Auburn
- **Records:** Auburn (5-0, 3-0 SEC); Louisiana Tech (3-2, 2-0 WAC)
- **On the air:** TV — Pay-per-view only; Radio — WMSP-AM 740, WLWI-FM 92.3

said. "The things written about that didn't really show what he's thinking about the football program. His support is nothing new to me.

"It's just him going public with it that's a different," he added.

Though school officials were taking steps to oust Tuberville last November, he later watched as Auburn extended his contract. He signed a five-year deal worth approximately \$1.5 million per year.

His buyout clause currently is worth \$3.6 million.

OPELIKA-AUBURN NEWS

10/06/04

Faculty still has concerns for SACS

JACK STRIPLING
STAFF WRITER

Most Auburn University faculty leaders agree it's time for the university to be removed from probation with its accrediting agency, but that didn't stop some from expressing ongoing concerns to the Southern Association of Colleges and Schools.

SACS, which placed AU on probation in December over governance concerns, concluded a visit to Auburn last week. Conner Bailey, chair-elect of the AU Senate, was among many interviewed by the SACS team. Bailey pointed to a number of positive changes set forth by AU Interim President Ed Richardson, but told SACS it should be cognizant of the long history of problematic behavior at the university.

"We don't want them to simply fold up their tents and go away for 10 years," Bailey said.

Continued monitoring is an option

for SACS, even if it lets the university off probation in December. AU could be removed from probation and asked for a follow-up report to address any issues that remain unresolved in the eyes of the commission.

In many circles at AU, the feeling is that Richardson has done enough to

justify removal of probation. He moved to abolish the athletics committee, saying it would discourage trustee micromanagement of athletic programs -- a problem cited by SACS. He also introduced an internal auditing committee to look at financial ties between trustees, which some suggest give one trustee power over another.

Richardson has indicated policy changes approved by the board go above and beyond SACS' requirements, adding that he has spoken with SACS staff who spoke approvingly of the changes. But these conversations don't in any way assure AU it will be removed from probation, according to SACS spokesman Jack Allen.

"That's one of our roles as staff members to try to be helpful," Allen said. "But we always have caveats that we don't make the final decisions."

Richardson's motives questioned

The central question at the heart of AU's probation is this: Can an AU president take control of the university, or will he be dominated by powerful board members as many suspect past presidents have been?

Despite his proclamations of independence, Richardson's autonomy has also been called into question. Some have concerns that as a former trustee, Richardson is merely doing the board's bidding.

Christa Slaton, chair of the AU chapter of the American Association of University Professors, said she and members of the AAUP are still concerned about Richardson as a president.

"I think there is an underlying concern, and it's just a concern, we're not sure that Dr. Richardson is acting as an independent president," Slaton said. "There is some concern that he is acting as a member of the board ... What adds to that

concern is the series of firings that he has done in the past few months."

Richardson has fired nine people in his first year, and others have been eased out the door through new policies. Among those fired is Betty DeMent, vice president of alumni affairs and a known critic of Bobby Lowder, a powerful AU trustee. In a letter delivered to SACS, the AAUP expressed concern about the DeMent firing and other dismissals.

"Dr. Richardson seems to be running Auburn University like a business (using firings, threats and intimidations to keep folks in line) rather than as an academic institution," the letter states.

Richardson is not the first president to come under criticism from the AAUP, which was vocal in opposition to Richardson's predecessor, William Walker.

"People in AAUP have been

labeled as malcontents or rabble-rousers and the ones who got us on probation, and we're sensitive to that," Slaton said. "We've got people on the executive committee who are full professors, title chairs and have been at Auburn for more than 20 years. And we really do care about Auburn as much as anybody."

The SACS team will likely issue a report within the next week or two, according to Dale Lick, chair of the committee and former president of Florida State University. Lick was tightlipped about what the report may contain, but said the team was treated well during its visit.

John Mouton, past-chair of the AU Senate and an advisor to Richardson, met with the SACS team. He said the group was asked questions about the present board of trustees, which has added five new members since probation was issued.

"I think that one of the significant questions that they asked was had we seen a difference in the performance of the current board, the current make-up of the board, than with the board prior to all these replacements," Mouton said. "And I'm pretty sure everybody concurred that the answer was yes ... We see some new leadership evolving out of the board members."

THE DETAILS

The Southern Association of Colleges and Schools, which placed Auburn University on probation in December, concluded a visit to Auburn last week. The SACS team is expected to file a report which will be factored into SACS' decision about AU's future. The following are possible outcomes for AU after SACS' upcoming December decision:

1. AU loses accreditation.
2. AU is placed on probation for another year. SACS would likely send another committee for further review.
3. AU is removed from probation but asked for a follow-up report on any of the areas that remain to be satisfied in the eyes of the commission. The report would be submitted for action on either June or December of 2005.
4. AU is removed from probation but not asked for a follow-up report.

10/06/04

SACS Panel reviews Auburn's probation

Interim president expects SACS to clear Auburn

Associated Press

AUBURN, Ala. — A crucial stage of Auburn University's attempt to clear itself from academic probation began Sept. 28 when a team from the school's accrediting agency began a three-day visit.

The four representatives of the Southern Association of Colleges and Schools will try to determine whether Auburn has addressed allegations of micromanagement by trustees that led to its being placed on probation last year. The panel will then report to a larger body that will decide Auburn's fate in December.

AU interim President Ed Richardson has said repeatedly he expects SACS to clear Auburn. The agency also could extend the probation for one year or revoke Auburn's accreditation — making AU

professors and students ineligible for millions of dollars in federal grants and financial aid.

Since Richardson took over in January, Auburn has made several changes designed to lessen the perceived influence of trustees on the school's day-to-day activities, including a stronger policy to keep trustees from influencing one another or profiting off university business.

The university also eliminated the trustee athletic committee, a lightning rod for claims of trustee meddling.

The SACS panel will interview faculty and administrators to see whether the changes are having their intended effects. At least one faculty leader said progress has been made.

"I think we've done enough — Richardson has done enough — to get us off probation," said AU Senate Chair Willie Larkin.

Larkin has criticized some of Richardson's moves, including firing the school's affirmative action director and folding that

responsibility into the personnel office. But he said now is not the time for AU leaders to be divided.

"I am willing to say at this point we're at the 11th hour and we need to focus on getting off probation," he said.

For some faculty members, the SACS visit will be their first chance to express their views on Richardson's appointment. In his former role as state schools superintendent, he served as an Auburn trustee, and some faculty questioned the board's swift move to appoint him.

Apprehensions about his ties to the trustees have only grown since his firing of several AU employees, including Betty DeMent, a frequent trustee critic when she headed the alumni affairs department.

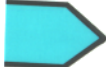
"I think many see this as a strong indication that Richardson is still a trustee acting as a trustee," said Judy Sheppard, an AU professor and executive member of the American Association of University Professors.

The Birmingham News

Education briefs

Sunday, October 03, 2004

EVENTS




The Jule Collins Smith Museum of Fine Art at Auburn University will observe its first anniversary today by offering free admission and festivities beginning at 2 p.m. There will be door prizes, birthday cakes, face painting by AU art students, a puppet show, an art scavenger hunt, sketching in the galleries and hands-on activities for children and adults.

There will be an Old-Song Sing-Along at Samford University at 2 p.m. today in Reid Chapel. The congregational singing will feature hymns and gospel favorites. Admission is free.

Samford University's Beeson Divinity School will sponsor a series of lectures on the topic "In One Body Through the Cross: The Gospel Imperative for Christian Unity" Monday and Tuesday. The event will feature speakers representing a variety of theological backgrounds. Registration is \$150. For information, call 726-2731.

Troy University's Battle of the Blues week, held in conjunction with National Depression Awareness Week, is scheduled for Monday through Thursday. Events will include a showing of the movie "Girl, Interrupted" at 7 p.m. Monday and free mental health screenings for students from 10 a.m. to 2 p.m. Wednesday and Thursday.



The Auburn University Alumni Association has planned several activities for black alumni during homecoming Friday and Saturday. Activities Friday include a barbecue dinner with the Alumni Association board of directors and guests and a step show sponsored by AU's National Pan-Hellenic Council. In addition to game day activities on Saturday, there will be a continental breakfast sponsored by the Center for Diversity and Race Relations.

The University of West Alabama will hold homecoming festivities Friday and Saturday with the theme "Hometown Heroes." Area military personnel and veterans will be honored. Events begin at 6 p.m. Friday with an alumni party at the Moon House in Livingston and a bonfire at 9. There will be breakfasts sponsored by the College of Natural Sciences and Mathematics and the College of Business at 8 a.m. Saturday.

MOVES



Auburn University's David Dyer was appointed chairman of the new Alabama Board of Boilers and Pressure Vessels by state Labor Commissioner Jim Bennett. Dyer is chairman of the department of mechanical engineering in AU's Samuel Ginn College of Engineering.

HONORS

Professor and author Sena Jeter Naslund received Troy University's Hall-Waters Southern Prize, presented annually to a person who has made significant contributions to Southern heritage and culture in history, literature or the arts.



Timothy Boosinger, dean of Auburn University's College of Veterinary Medicine, was honored by Purdue University's School of Veterinary Medicine as its distinguished alumnus for 2004.

Arizona Republic

Fall art shows at museum draw crowds

Dolores Tropiano
The Arizona Republic
Oct. 2, 2004 12:00 AM

SCOTTSDALE - A diverse group of nearly 600 arts enthusiasts showed up this week for the opening of the fall shows at the Scottsdale Museum of Contemporary Art. New exhibitions, "Samuel Mockbee: The Rural Studio," and "Brad Kahlhamer: Let's Walk West," opened Thursday.

"The Abstract Eye: Selections from the Permanent Collection," and "Josef Albers: Seeing in Color" opened in September at the museum, Second Street and Drinkwater Boulevard.

Many turned out to explore a large model of a home made of multicolored carpet yarn and a large straw bale tower created by the Rural Studio in Alabama.

advertisement

The late Samuel Mockbee founded the Rural Studio, a training ground for aspiring architects, in connection with Auburn University.

Mockbee, considered by some to be an underground hero in the architectural community, created buildings and homes that were not only environmentally sound, but were also a help to disadvantaged people.

Renata Hejduk, a professor of architecture at Arizona State University, strongly encouraged 100 of her students to attend the opening. She had recorded the presidential debate.

"Oh gosh, Samuel Mockbee is probably one of the most significant architects of the late 20th century. He was a true humanitarian. He walked the walk. He believed in social justice and spent his whole life trying to make people's lives better," Hejduk said. "He wasn't just a genius, he was a truly kind person. When you met him, it was like meeting Santa Claus," Hejduk said.

A signal event in computer technology

By MICHAEL STROH
The Baltimore Sun

Visitors to Markus Kuhn's laboratory arrive eager to be duped. And the Cambridge University computer scientist is happy to oblige.

Ushering a guest into an neighboring room, Kuhn asks him to pull out his laptop computer, wait until he's gone, and then tap out a sentence or two. A few minutes later, Kuhn returns and tells his visitor exactly what he wrote. "It's usually quite impressive," he says.

Kuhn is one of a handful of researchers probing a James Bondian borderland of computer science: a phenomenon known as "compromising emanations." The term refers to stray signals emitted by a computer or other electronic device that can inadvertently betray sensitive information.

Long of concern to the U.S. military, which operates a classified program to squash them, compromising emanations are a growing draw for civilian computer scientists.

"I think emanations are extremely overlooked," says Avi Rubin, technical director of the Johns Hopkins University's Information Security Institute. They're not only technically fascinating, he says, but an important, if exotic, potential threat.

Although most people never notice them, computers can leak a variety of indiscreet signals. In May, IBM researchers announced they could figure out what someone was typing from the clicks made by the keyboard. The human ear can't tell the clicks apart. But researchers discovered that a cheap microphone hooked up to a computer can.

Kuhn's digital magic act, on the other hand, takes advantage radio waves leaking from laptop video connectors. (Cathode ray tubes inside bulky computer monitors do the same.) As the military has known for decades, these signals can be snatched and decoded.

Kuhn says emanations he and others have ferreted out are just the beginning. "There are probably a half-dozen or dozen exciting phenomena yet to be discovered," he says.

While they sound like a modern dilemma, compromising emanations have a long history in the annals of military espionage. In his doctoral thesis published in December -- widely considered the most comprehensive unclassified treatise on emanations -- Kuhn describes how governments grew interested.

It happened during World War I, when the German army discovered that the primitive battlefield telephone lines used by British and French troops emitted electromagnetic signals that could be detected from a distance. By the time the British and French figured out the technique, the Germans had learned to shield their phone lines.

Compromising emanations proved useful during peacetime as well. In the book *Spycatcher*, former British security service scientist Peter Wright recounts how British agents eavesdropped on French diplomats during tense negotiations over Britain's entry into the European Economic Community. Britain's source: stray radio waves emanating from the French embassy's telex cable.

In the 1960s, the U.S. military launched a top secret effort, code-named Tempest, to develop equipment that could detect and block compromising emanations. The program, still run by the National Security Agency, led to countermeasures such as wrapping sensitive computers, rooms, even entire buildings, in copper or stainless steel foil.

In 1985, Dutch computer researcher Wim van Eck published one of the first nonclassified research articles on compromising emanations in the technical journal *Computers & Security*. Later that year, van Eck orchestrated a demonstration of the phenomenon for the BBC program *Tomorrow World*.

Sitting in an antenna-equipped van outside a London office building, van Eck was captured on television as he tuned into radio waves emitted by an unshielded computer operating inside. What made the program riveting to British viewers was not just the technology, but where van Eck was parked: in front of New Scotland Yard.

Although electromagnetic radio waves have traditionally been the biggest security concern, in recent years creative researchers have found new, less obvious electronic leaks.

Using less than \$200 worth of equipment, Dmitri Asonov and Rakesh Agrawal, computer scientists with IBM's Almaden Research Center in California, figured out how to translate clicks made by a computer keyboard into the letters on keys that made them.

The clicks occur when keys strike a plastic membrane sandwiched between the keyboard and its base. The membrane, researchers found, behaves like the skin covering a drum: Depending on where the key strikes the membrane, a unique sound wave is produced.

While its indistinguishable to the human ear, Asonov and colleagues were able to train neural network software to read key clicks with nearly 80 percent accuracy. By switching from a cheap microphone to a parabolic mike, the researchers were able to eavesdrop just as accurately from nearly 50 feet away. Their neural network software also worked on telephone and automated teller machine keypads.

Keyboards aren't the only part of a computer with the potential to spill a secret. At a computer security conference in May in Switzerland, Eran Tromer of the Weizmann Institute reported that an Intel Celeron microprocessor, the silicon engine powering many budget consumer computers, emits high-frequency noise.

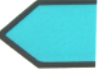
By monitoring the frequency, Tromer found clues about how the machine scrambled sensitive data. He concluded that the sounds were a "surprisingly rich" source of information that could theoretically allow someone to crack a computer's encryption scheme.

Light can also pose a security threat. Government computers that deal in top secret data are typically set up so their screens face away from any windows. But is this enough?

Maybe not, Cambridge's Kuhn has found.

A few years ago, Kuhn reconstructed the image on a computer screen from the murky glow it cast on a nearby wall. With the right telescope, Kuhn says it might be possible to spy on someone from a block or more away.

Even if a computer screen isn't visible, there are still potential avenues for eavesdropping.



Joe Loughry of Lockheed Martin Space Systems and David Umphress of Auburn University found that computer disk drives, routers and other hardware components that contain tiny light emitting diodes are a potential risk.

The LEDs typically blink as the data flow through the device. The researchers found this blinking isn't random but follows a pattern. Like Morse code, the pattern could telegraph information about the information passing through the device. "Examination of lighted windows of high-rise office buildings in the evening hours reveals a rich variety of equipment racks with LED indicators in view," the pair noted in a 2002 paper.

Does this mean that average computer users concerned about security should start blacking out windows and typing under a soundproof blanket? Probably not, say computer scientists studying emanations.

Says IBM's Asonov, "To break into a computer system, it's still much, much easier to use other ways."

Lanier partnering with colleges to help ease nursing shortage

By From staff reports
Staff Writer

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VALLEY -- Lanier Health Services is partnering with Southern Union State Community College and Auburn University by providing each a clinical instructor to assist with clinical rotations thereby increasing the enrollment at the respective schools. Due to the national shortage of nurses, the need to increase enrollment and offer free nursing clinical instruction enables providers to anticipate for the future deficits of nurses predicted.

Nationwide, nearly 16,000 qualified applicants were turned away from baccalaureate nursing programs last year, due largely because there was not sufficient faculty to teach them or places where they could gain necessary clinical experience, according to the American Association of Colleges of Nursing.

Enrollment in nursing programs is showing signs of improvement, but many nursing professionals say the shortage of educators in this field is critical.

According to Leigh Hardy, chief nurse executive at Lanier Health Services, "I believe as a community hospital we have an obligation to our local schools of nursing to assist them with instructors. Since we have employees with the necessary qualification, we have offered to provide one clinical rotation for each institution."

April Anthony and Donna Whaley were recently promoted to be Lanier's clinical nurse educators. Both RN's came from the ICU Department at Lanier. Anthony will be one of the clinical instructors for nursing students from Southern Union in medical and surgical nursing departments. Anthony has been with Lanier for four years and received her Bachelor of

Science in nursing from Jacksonville State University and is currently working toward becoming a nurse practitioner.

"Southern Union nursing students have benefited from Lanier's clinical nursing instruction for many years and our students always remark about Lanier's state-of-the-art innovations with technology in the healthcare industry and the excellent healthcare Lanier offers their patients," said Southern Union Community College Dean of Health Sciences Linda North.

Donna Whaley has been with Lanier for six years and will be one of the clinical instructors for the students from Auburn University in the medical and surgical departments. She earned her Bachelor of Science in nursing from Auburn and is also working on her nurse practitioner's degree.

"The clinical nursing instruction Lanier Health Services offers to our students is a win-win situation for Auburn University's School of Nursing and Lanier. Lanier offers Auburn nursing students a place to experience hands-on clinical rotations while Lanier can eventually recruit these students after they receive their nursing certificate," said Dean of Auburn University School of Nursing Barbara Witt.

Lanier also offers nurse preceptorships, which require a nursing student in their last semester to receive 150 hours of experience working with a registered nurse in a clinical setting one on one.

As Lanier Health Services Clinical Nurse Educators, Whaley and Anthony will offer the nursing staff at Lanier continuing education classes and new nursing employee orientation. They will also offer community health seminars/fairs and work diligently with Lanier's physicians about promoting excellence in nursing care.

Lanier Health Services also provides Nursing Scholarships to the community. For more information about these scholarships please contact Kristy Hale in Lanier's Human Resources Department at 756-1133.

In addition to helping students and the community with nursing scholarships, Lanier Health Services also offers scholarships as well as tuition expenses to their existing staff. Many employees have earned their Masters and Bachelor of Science in Nursing. Currently more than 15 nursing staff members are in school because of the Scholarships given by Lanier.