

Superconductors offer research gains for ASU

By MICHAEL ROWELL
State Press

Research into superconductors — materials which conduct electricity with no resistance — offers a host of exciting prospects for ASU and Arizona, both researchers and administrators agree.

But ASU physics professor John Spence, who has been studying superconducting materials with ASU's electron microscope warns: "ASU has to get in on the research at an early stage, and it's already very late.

"New industries are already becoming established around the new material and there's a chance to establish those in Arizona," he added.

Until recent discoveries, the only known superconductors would work strictly at temperatures near absolute zero, making applications impractical.

But within the last year, a new class of superconductors which operate at higher temperatures has been discovered.

"Suddenly superconducting materials have become much less expensive to make and operate," Spence said.

"This is probably as important in solid-state physics as the invention of the laser," he said. "And some people think it's of comparable importance to the invention of the transistor."

Spence rattled off several possible applications for the new materials, including energy storage, smaller computers and electric motors, high-speed mass transportation and defense.

"But I think the main thing is that the new applications are things that we haven't yet imagined," he said. "No one in 1954, when the transistor was invented, would've predicted the new supercomputers."

Spence said ASU faces intense competition from all the major research universities in America, as well as worldwide.

"There may be a decision package based around these materials in development at the moment," he said.

Vice President for Research Ronald Barr confirmed that a budget request for superconductor-related funding has already been prepared.

"These are things that (could) get funded

in the next year sometime," he said.

Barr said the administration is excited about superconductor-related research because "it fits into other arenas" at the University, such as advanced materials research and power engineering.

Barr said ASU would have to commit massive resources to move to the forefront of superconductor research, but can still benefit heavily from studying the materials and their applications.

"Everyone has got to get on the bandwagon if they're going to remain state-of-the-art," he said.

"In addition, the federal agencies are going to be putting lots of money into superconductor research."

Associate chemistry professor Bill Petuskey has been making and experimenting with superconducting material since March.

Petuskey said a major benefit for ASU would be coordinating research with Valley electronics industries and other organizations which might profit from superconductor applications.

"ASU could really benefit a lot," he said.

Spence and Petuskey said the research at ASU is geared mainly toward why superconductors work.

"No one knows exactly why it works," Petuskey said.

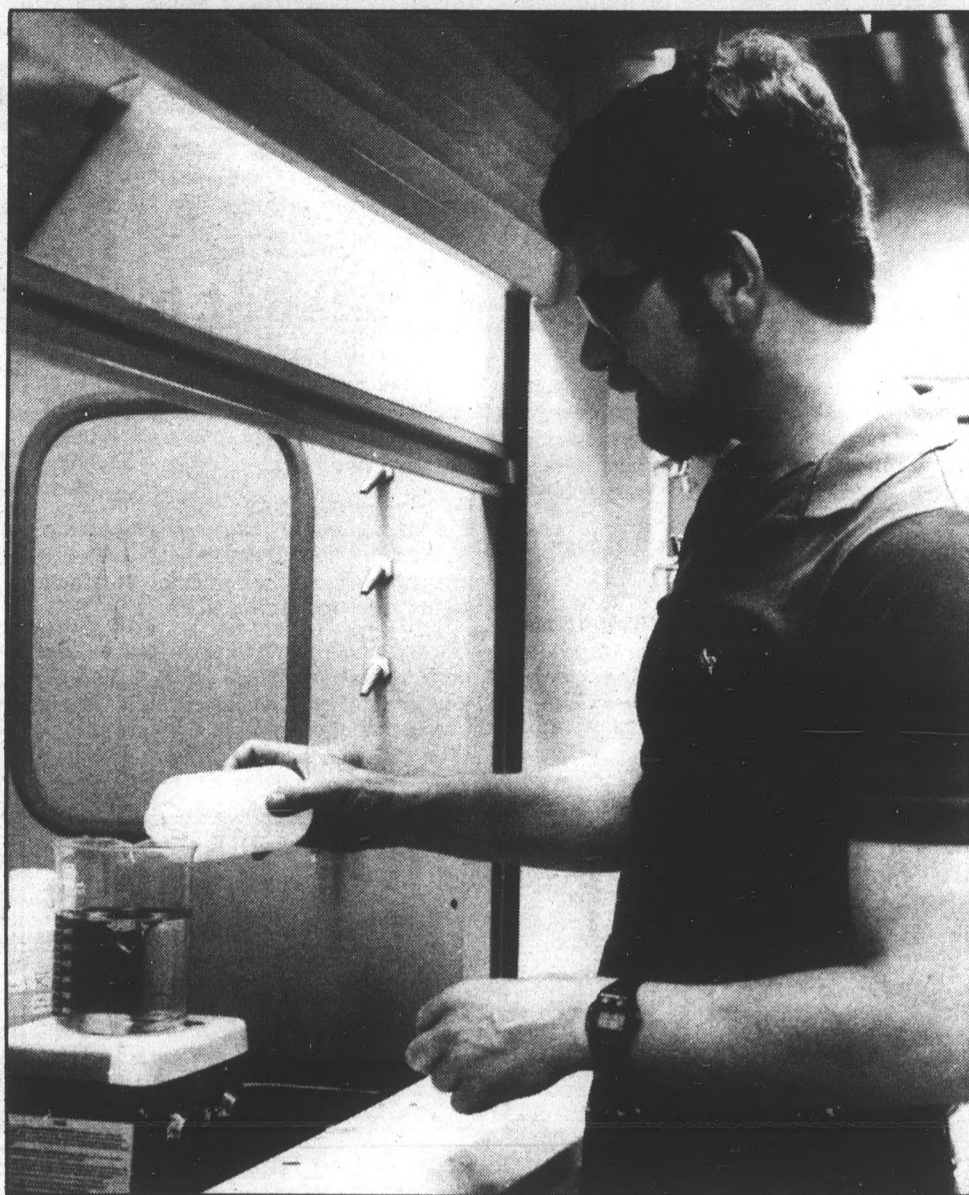
Spence is using ASU's electron microscope to magnify images of superconducting materials more than one million times. Petuskey is chemically manipulating existing materials, in order to better predict what chemical configurations might also superconduct.

The material Petuskey is currently working with is a compound of barium, copper and yttrium. The compound becomes a superconducting oxide when it is heated to about 1000 degrees Celsius.

The material superconducts at approximately 93 degrees Kelvin, or minus 180 degrees Celsius.

Petuskey said an important property of the material is that it can be molded into any shape before being heated, for example a flexible tape, pellets, blocks or wires.

"You can make electrical motors one-sixth the size they are now," he said.



ASU associate chemistry professor Bill Petuskey adds a reactant to a solution containing copper barium and yttrium, three components of a superconducting material. Petuskey is conducting research of superconductors at ASU to better understand why they work.

At present, there is theoretically no limitation to the size of superconductor that could be made, Petuskey said, but because of the tendency of ceramics to only be as good as their worst flaw, anything larger than a brick would be difficult.

Petuskey said a better understanding of why superconductors work would take some of the guesswork out of developing additional superconducting materials, a process he compared to "a fishing trip."

"Just identifying new materials is an exciting goal," he said.

Spence suggested private entrepreneurs begin exploring the possible applications for the material, manufacturing it and selling it.

Tom Lepley, an assistant manager of research programs at Arizona Public Service, said the utility is "looking into the desirability of APS getting into research of superconducting electricity storage."

New aid program would increase registration fees

By DARRIN HOSTETLER
State Press

Students may be required to pay a \$5 charge every time they register for classes in order to create a new financial aid package for ASU, a member of the Arizona Board of Regents said.

Regent Donald Pitt, who has been working on plans to develop a state-supported financial aid program for nearly a year, said he hopes to create a long-term endowment fund for ASU.

"The purpose is to build an in-state fund which in, say, 20 years, would be worth between \$60 million and \$100 million," Pitt said.

A fund of that size, invested at a 7 percent interest rate, would be a self-perpetuating source of financial aid for students far into the future.

"We want a plan that will help not just today's students, but the children of students as well," Pitt said.

Pitt proposed the idea to the regents this spring. The board will study details of the plan until December, when it will vote on a final draft.

We want a plan that will help not just today's students, but the children of students as well.

— Donald Pitt

The money for the aid program would be drawn from the extra student registration fee and matching funds from the legislature.

"We would like to get private industry involved in contributions too," Pitt said.

Associated Students President Karrin Kunasek, who is working with the Arizona Students Association and the regents on financial aid programs, said there are many problems that need to be worked out before a viable program can be formulated.

"The general consensus is that we need a financial aid package, now it's just a matter of deciding who is going to

pay for it and who will get (the funds)," she said.

Kunasek has reservations about the \$5 registration fee. "The only way the legislature is going to provide matching funds is if the money goes to in-state students, but all students would have to pay for the program," she said.

"Students from out-of-state may not benefit," Kunasek, who has expressed concern about the accumulation of "extraneous fees" and the burdens they place on students, said she needs to "get some feedback" before sanctioning the registration charge plan.

"I'm a little hesitant to make a decision for 40,000 people without knowing what they think about it," she said.

Kunasek said she has suggested the idea of a campus referendum on the issue to uncover student opinion of the plan, which could cost each student \$20 per year if they register for the spring, fall and two summer semesters.

Pitt said he would be interested in the results of such a referendum.

"I'm always interested in hearing what those who have to pay for a program have to say, but we can't make all our decisions on that basis," he said.

inside today

STEVE PATTERSON
ASU mens basketball coach talks about his plans for next season.
Page 10.

ASU WEATHER
Clear skies today with an expected high of 106 degrees. The expected low is 77.



The weekend forecast will be dry and hot in the Valley with the high temperatures ranging from 102 to 108. Lows will be in the 70's.

Classified..... 11.
Entertainment..... 9.
Opinion..... 4.
Sports..... 10.

week

•The Week section is a daily calendar of events happening on campus at Arizona State University. Any campus club or organization can submit entries to the calendar for publication. Those who wish to submit entries to the Week section must come to the State Press, located in the basement of Matthews Center, Room 15, and fill out an entry form. Entries will not be taken over the phone. Deadline for the entries will be 1 p.m. Mondays and Wednesdays.

Meetings

•Mecham Recall Committee at ASU will meet at noon Thursday at 1320 W. 7th

St., Tempe for an open meeting of the Mecham Recall Committee at ASU. Everyone interested in circulating petitions or helping in any way are welcome. For more information, call 968-3447.

•American Federation of Teachers and University Employees Local 2050 will meet at noon Friday in the MU Santa Cruz Room for a summer membership meeting open to all university employees.

•Coalition for World Peace will meet at noon Monday in the Santa Cruz Room. Susan Harter will discuss "World and Peace."

PTL seeks return of Bakker home

By The Associated Press

TEGA CAY, S.C. — Tammy Bakker stepped out of the former PTL parsonage Wednesday and said with a quavering voice that she and her husband, Jim Bakker, will hire an attorney to fight their ouster from the home.

Mrs. Bakker also said she has felt "hunted like a scared little animal" since her husband turned his ministry over to the Rev. Jerry Falwell, who has barred his return.

"I would like to say I hope that Jerry Falwell and his family never have to suffer the way they made our family suffer," she told reporters in the driveway of the \$1.3 million lakefront home.

"I wake up every morning wishing they had killed me and Jim does, too. It would have been much kinder for them to have put a bullet in us but they didn't and so we're still here," she said.

"I know what it's like to be hunted like a little scared animal and running all the time and not to be able to get in your car and go anywhere without the cameras pressing up against your car," she said.

The Bakkers returned to the home a week ago from Palm Springs, Calif., where they had been in near seclusion since Bakker gave up the ministry amid a sex scandal.

The PTL has been seeking the return of the house.

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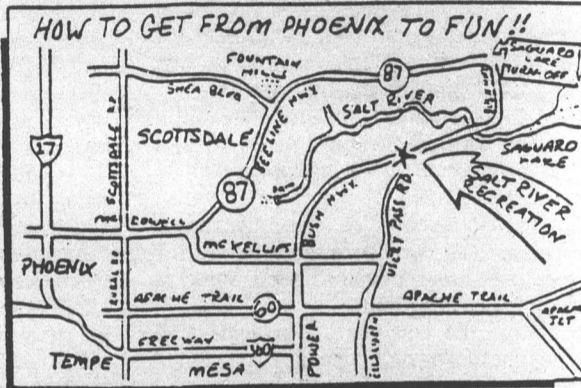
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Vietnam war legacy cannot be revised or forgotten

Darrin Hostetler
Opinion Editor



It was as hot, humid and oppressive that night in Laurel, Maryland as in any tropical jungle. The locusts, which only burrow up from the ground to mate for a few weeks every 17 years, were screeching and hopping about everywhere like a plague from hell as we sat on the front porch, sipping warm beer.

Laurel is a small town. To walk down Main Street is to see the world through the eyes of Norman Rockwell. After being on the road for five days and driving thousands of miles, we were definitely in the mood for a relaxing slice of Americana like this. And, of course, a lot of warm beer.

But as in many small towns across the nation, buried not too far below the reassuring, protective coating of rural American environment, lies a deep layer of scar tissue. For also like many small towns, Laurel sent many of its sons to Vietnam. And many of them didn't return.

A few who did — survivors who made it back from the dense jungles of southeast Asia to the comfortable tree-lined streets and manicured hedges of Laurel — sat laughing and joking with us on the front porch that hot, hazy evening.

During a lull in the conversation, a veteran named Buck,

who looked to be about 40, inquired about our plans for the week.

"I think we'll take a run down to Washington (D.C.) and do the tourist kind of thing," I said.

"What are you going to see?" Buck asked.

"I don't know . . . some of the Smithsonian, the Lincoln Memorial, maybe check out some of the Contra hearings. I really want to see the Vietnam memorial, too."

It was quiet for a while. Only the sound of orgasmic locusts filled the air.

Buck was drunk. He began to speak, but slurred some of his words. He looked at me intensely with cloudy eyes which lurked behind his long hair, attempting to drill home his thoughts through his intoxication.

"I've never been to the memorial. Couldn't handle it. Maybe sometime, but not yet," he said.

We talked about the war and his experiences. He asked me what I was studying at ASU.

"Political science," I replied.

Laurel is only about 20 minutes from the nation's capital by subway, but as far as Buck is concerned, he might as well be back in Vietnam. He seemed to have had about as much influence on politics and policy there as he does in Laurel.

"You know, it's not me so much I worry about," he muttered. "It's my kids. I don't want them going through the same thing. I feel helpless."

He stared at me — "Political science, huh? Well, I'll tell you what. You guys find a way to keep my kids out of a war, OK?"

He extended his hand, and I shook it. It was a drunken

gesture. But it was sincere, and I remembered it the next day as we viewed the gleaming, black Vietnam memorial.

I wonder if Norman Podhoretz, the apologist for U.S. involvement in the Vietnam war who is the victim of Mike Royko's biting satire, (see below) has ever seen the memorial.

Podhoretz is the author of "Why We Were In Vietnam," a required text used by several professors at ASU. In it, Podhoretz champions the "morality" of defending the world against "the evils of communism," and condemns those who opposed the war for lacking the "moral will" to fight. He insists we should take a "second look" at the lessons of Vietnam, and act accordingly.

The danger is that through the efforts of historical revisionists like Podhoretz, who portray the anti-war movement and those who love peace as a horrible communist threat, students will be taught to accept foreign policies which are high in political and human costs. Such policies can be seen in action in the Persian Gulf and Nicaragua.

We cannot afford the luxury that Podhoretz offers us: to rationalize the war and accept the reasoning behind it, to write-off those who paid the price for our mistakes. The real lessons learned in Vietnam cannot be lost, revised or repeated. The costs are too high. But if you've seen the memorial and the names on it, then you already know that.

Now is the time when you and I have got to figure out a way to insure that there are "no more Vietnams."

We owe it to the 50,000-plus names on the memorial. We owe it to our brothers and our children.

We owe it to guys like Buck.

Sickly sailor in Gulf needs some of Norman's nerve

Thank goodness this country has tough guys like Norman Podhoretz to let us know when we're getting weak and timid.

Podhoretz is an intellectual New York magazine editor who, in his younger days, was a leftist, almost a pinko.

But as times changed, so did Podhoretz. Sniffing the political winds, he sensed the error of his ways and became one of the more militant sword-rattlers of the neo-conservatives.

And now Podhoretz is sounding the alarm that America's spinal cord is turning to linguini.

He sees evidence of this in the reluctance of many people to toss more money at the contras and let our Navy become directly involved in the war between Iraq and Iran.

As tough-guy Norman wrote in a recent column: "The alarm being expressed by so many people over our deepening involvement in the Persian Gulf, together with the growing opposition to any additional help for the contras in Nicaragua, are warning signs on the American fever chart."

"They point to a relapse into the sickly condition in which we found ourselves as a nation only a few short years ago."

In case you don't remember this "sickly

Mike Royko
Tribune Media
Services



condition," it afflicted us during and after the Vietnam War.

That's when many Americans said that before we ever again let tens of thousands of our young men come home in body bags, we ought to know exactly why.

Podhoretz doesn't like us feeling "sickly." He prefers that we boldly flex our military muscles. So he's all in favor of our using our Navy to take sides with Iraq in its war with Iran.

But he's concerned that those who are feeling sickly and nervous might prevent us from roaming the Persian Gulf and showing Iran that we're the biggest fish in that crowded pond.

"Thus," says Norman the Fierce, "do we sink once more into the sickly dogmatic slumbers that so weakened us in the aftermath of Vietnam."

I'm glad Norman the Bold wrote that column because now I can clip it out and send it to a sickly, squeamish young man who happens to be a sailor on one of the ships in the Persian Gulf. And to his wife, who is in Chicago.

His wife recently told me: "When I read the headlines about us escorting Kuwaiti ships, I start crying and feeling sick."

See? Just as Norman said, that sailor's wife is getting sickly.

She went on to say: "It's not like they're over there for freedom. It's not like they're there to keep a country free."

And she gave me a recent letter from her husband. I omit his name because I wouldn't want his commanding officer to know he was feeling sickly.

The sailor wrote: "By now you heard about the Stark getting hit. It was a real-life nightmare. The realization of death and a useless war became real to me."

"The morning after the Stark was hit, we went to help her from sinking. About half the crew were put in boats going to the Stark to put out fires, de-water, and carry out the bodies."

"One of my friends had to be sent back because he kind of freaked out. Most of the bodies were burned down practically to

nothing. The smell was disgusting. I don't ever want to smell that sick, sweet smell again.

"I really don't know how to say how I felt. Numb, very numb. And scared — less."

"Over 30 guys died for no —ing reason. I hate this and here I am in the middle of this craziness. I can't tell you not to worry when I'm worried myself."

"The other day, we escorted a Kuwaiti merchant ship. It was carrying 60 tanks. I don't like knowing that I'm contributing more death to more innocent people."

"I feel awful. I feel like a stranger to myself. I hope the countries that are getting the oil appreciate it, because that's why we're here. I'd rather walk or ride a bike and live off the land."

As you can see, Norman is so right. If an American sailor doesn't feel proud of having escorted a Kuwaiti ship carrying tanks that will be used by Iraq to kill Iranians, what kind of sickly wimp can he be?

So he should heed Norman's warning and not allow himself to sink into one of those "sickly dogmatic slumbers."

And keep his head down if the missiles start flying over there, or he might wind up sinking into a more lasting slumber.

LETTER POLICY

Letters should be typed, double-spaced and no longer than two pages. Any submissions not in adherence with letter policy will not be published.

Letters are subject to editing on the basis of clarity, length or conformance to newspaper style.

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Bring letters to the newspaper's front desk in the basement of Matthews Center. Picture I.D. is required.

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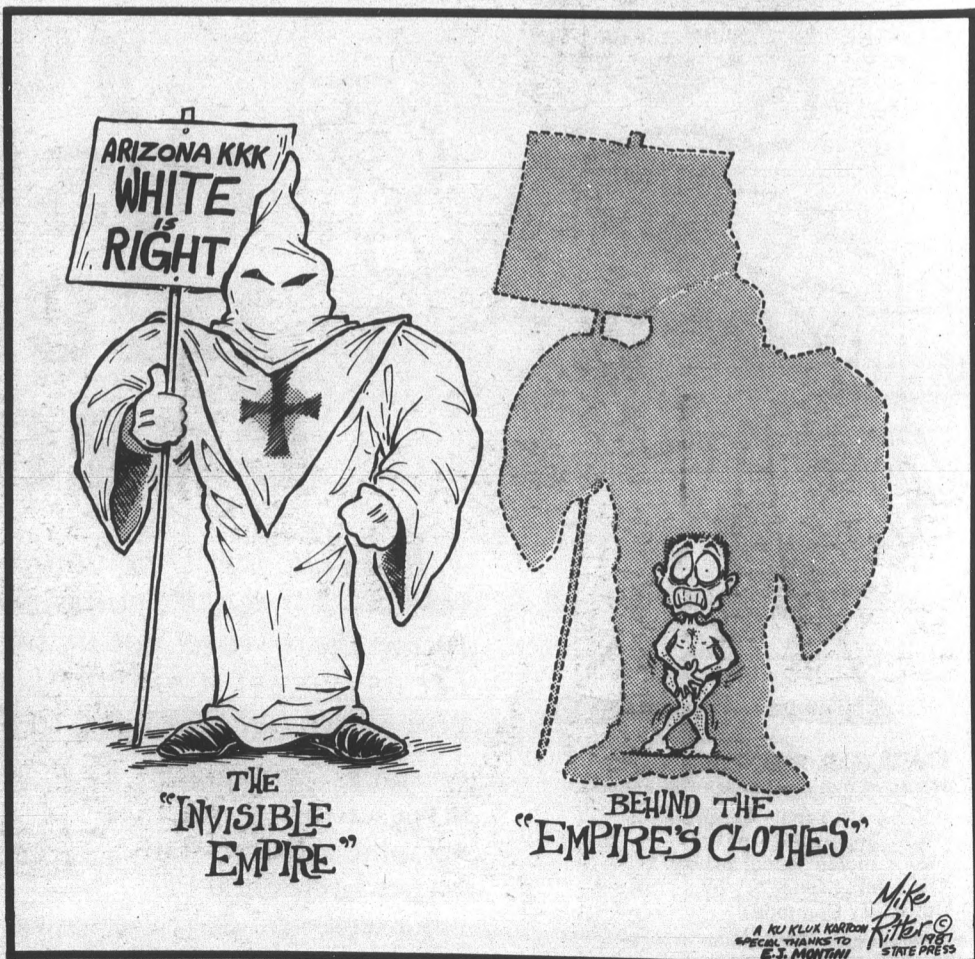
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Mid-July deadline set on road repairs

By MICHAEL ROWELL
State Press

Stadium Drive between University Drive and Sixth Street is being torn up to widen the street and straighten out the intersection at University and Stadium, a City of Tempe spokesman said.

Tempe Senior Engineering Inspector Bill Daley said because the contractor has started promptly, the work should be done by July 20.

"Hopefully it'll be done a little sooner," he added.

Because of the construction, ASU parking services has been unable to run trams up to Lot 59.

To offset the inconvenience, decal holders for lots 59, 40 and 42 are being allowed to park in Lots 40, 42 and all lots south of Apache Boulevard.

Parking Services Coordinator Ron Kucera said many Lot 59 decal holders have been using the alternative lots, but some still may not be aware of their options.

"I think that some people may not be taking advantage of the lots south of Apache," he said.

"We're not getting much traffic down in Lot 17 (southeast corner of Apache Boulevard and College Avenue)."

McAllister Avenue between University Drive and Terrace Road will also be affected by the improvement project.

However, the street will not be closed off, but reduced to a single lane in each direction, Daley said.

Parking services is running trams south on McAllister to Adelphi Drive to service the lots south of Apache.

Owner sentenced to prison after setting dogs afire

By The Associated Press

POMONA, Calif. — The owner of a guard-dog company has been sentenced to three years and eight months in prison for stealing a competitor's truck full of attack-trained dogs and setting it afire.

John Daniels, 31, of Inglewood, was sentenced Monday for his conviction on charges of grand theft auto, grand theft of property and arson, said Deputy District Attorney Margaret Hay.

Daniels, who operated K-9 Security and Military K-9, was convicted last month of stealing a truck belonging to C&C Sentry Dogs International of Gardena on Sept. 5, 1986. The vehicle contained 37 guard dogs.

Two dogs died in the fire and the rest escaped into a residential neighborhood. At least two were killed by cars before authorities rounded up the survivors, said Deputy District Attorney Paul Sergiojan.

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STAR to award 10 scholarships

By **CHUCK HADD**
State Press

ASU's Seminar Training for Adult Re-Entry scholarship program will award 10 scholarships to full-time re-entry students for the 1987-88 academic year.

A re-entry student is defined as one who is resuming his or her education after an interruption, said Lois Deeley, coordinator of ASU's Contact for Adult-Entry which administers the scholarships.

Most re-entry students didn't go to college right after high school or are returning to college after dropping out a few years, Deeley said.

The STAR scholarships are for re-entry students 25 or older.

"The scholarship program provides re-entry students with training in personal development through seminars, consultation with various key resource people on campus and opportunities to use skills learned in seminar training," Deeley said.

To be eligible for one of the 10 scholarships applicants must

be Arizona residents enrolled full-time at ASU, show financial need and have demonstrated service and leadership skills, Deeley said.

Applicants must also maintain a 2.75 grade-point average. If selected, applicants must sign up for Professional Development CED 498 (a one-unit course) and attend 16 one-hour lectures per semester. They must also complete 20 hours of volunteer work per semester.

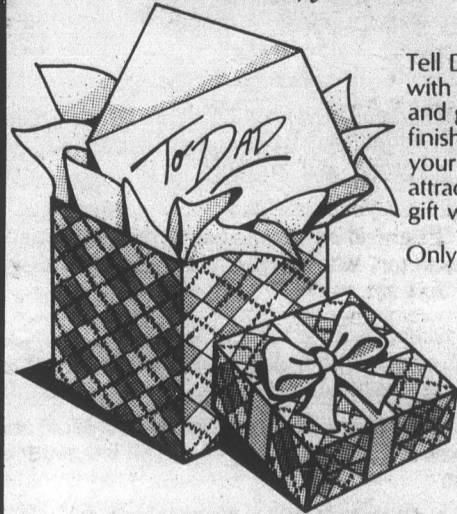
As part of the volunteer work, students will act as peer advisers and assist in planning and implementing re-entry programs or take a leadership role in the Re-Entry Connection, Deeley said.

"The STAR program provides eligible re-entry students with an opportunity to obtain the kind of education that will lead to professional employment and enhance their leadership potential and personal growth," Deeley said.

Applications, due July 15, are available at the ASU Scholarship Office and at the Contact for Adult Re-Entry office which is located in Student Life Office in the lower level of the Memorial Union.

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COUPON

Cubs remain in good health

By The Associated Press

MEXICO CITY — Two panda cubs born in Chapultepec Zoo two days ago were in excellent health Wednesday, the zoo's director said.

"So far the two are in excellent condition," zoo director Maria Elena Hoyo said in a phone interview.

Counting the two tiny cubs born Monday to Ying-Ying, donated to Mexico by China in 1975, Mexico now has seven pandas, the largest panda family outside China.

Ying-Ying is nurturing what appeared to be the largest of the two, while the second was being cared for in an incubator.

Ms. Hoyo said special milk was being brought in from Washington and that would be fed to the second cub. She said if that works, plans to give the cub to a female of

another animal species for nurturing would be postponed.

Ying-Ying gave birth to two cubs in 1985, but the one rejected by the mother survived only 37 hours.

The Chapultepec Zoo now has Ying-Ying and her mate, Pe-Pe, three of their children and the two newborn cubs.

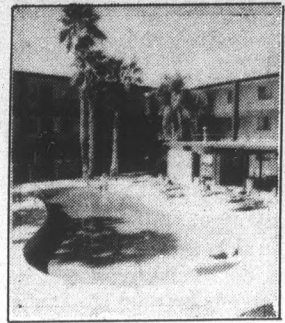
China presented the pandas to Mexico on Sept. 10, 1975.

The mother accidentally rolled over her first cub eight days after its birth in 1980, crushing it to death.

Tohui, born July 21, 1981, triggered an outburst of panda-mania here that has calmed down only slightly.

The other surviving offspring are Liang-Liang, born June 22, 1983, and Qiu-Hua, born June 25, 1985.

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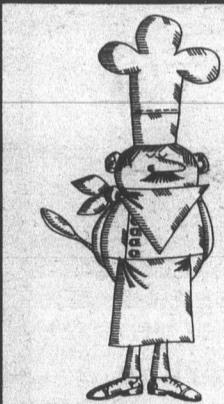
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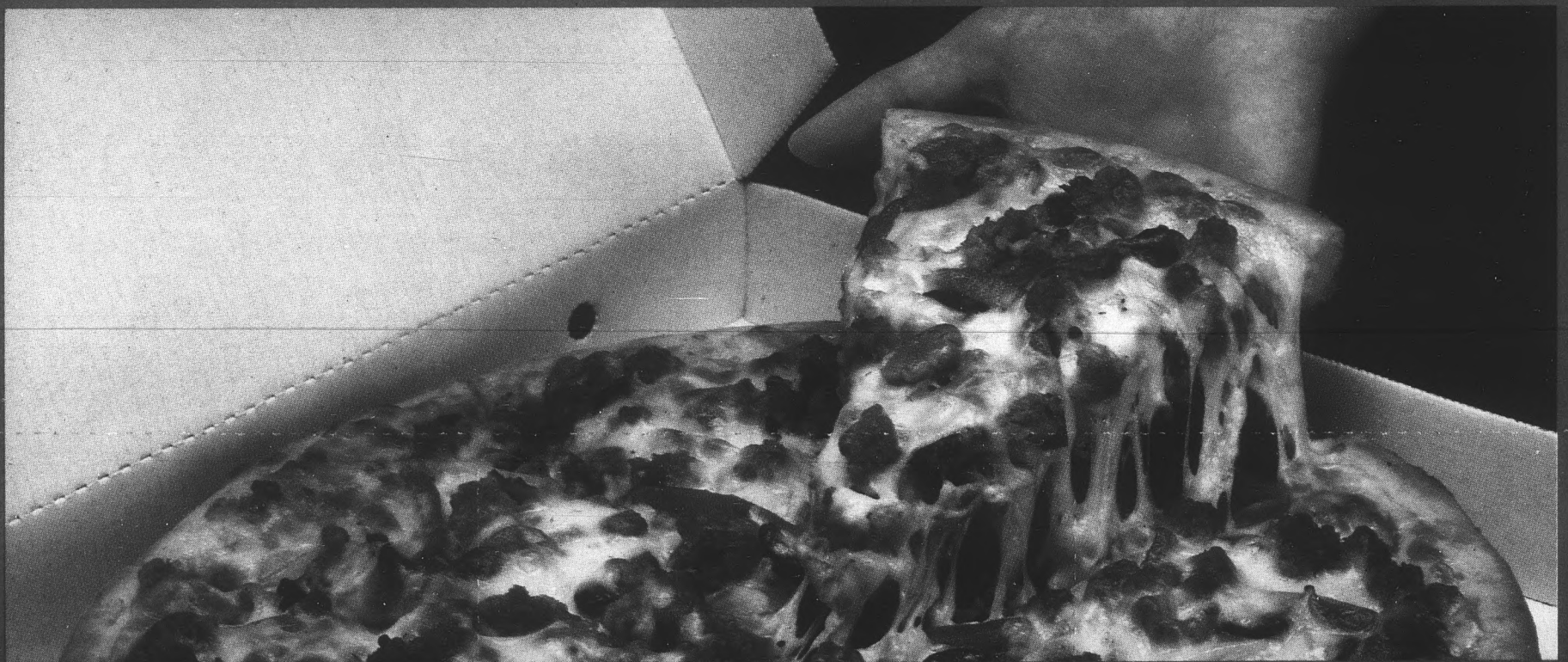


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Federal prisons faced with more over population

By The Associated Press

PHOENIX, — A new study says the number of federal prisoners will more than double within a decade as more convicted felons are incarcerated rather than placed on probation, a member of a federal commission says.

Michael Block, a member of a sentencing commission appointed in 1985 by President Reagan, said the federal inmate population is expected to increase from the current 42,000 to 92,000 by 1997 and to 105,000 by 2002.

Block, in an interview published Tuesday by The Phoenix Gazette, said the increase will result from tougher sentencing provisions in recent drug-control and anti-crime laws and from sentencing guidelines presented by the commission to Congress in April.

Block, who was in Flagstaff to address an economic forum on Monday, said the two laws and the commission's recommendations represent a new era in U.S. corrections policy.

"It's a drastic change in philosophy," he told the Gazette. "It really emphasizes the certainty of punishment."

Block, who supervised preparation of the report, said it was completed Friday and that it studied the effects of the guidelines on federal prison populations.

The report projected that average sentences for violent offenses such as rape and murder will increase substantially, Block said.

On the other hand, Block said, the average term for property offenses such as embezzlement and counterfeiting will remain at current levels although more people will be incarcerated instead of placed on probation for such crimes.

Block did not have an estimate on the cost of building additional prisons to house the projected increase in inmate population.

Programs that allow prisoners to enter community correction centers during non-work hours are expected to help alleviate part of the prison space problem, he said.

"These centers are projected to grow dramatically under the guidelines," he said.

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Spotlights

Hints, delectables and other tangy tidbits from the cluttered files of the entertainment desk.

Theater:

•ASU's Lyric Opera Theater continues celebrating its 25th anniversary with Rodgers & Hammerstein's musical revue, "Some Enchanted Evening" Friday night at 8 in the Music Theater. The show, directed by Dr. Kenneth Seipp, features Christy Welty and Michelle Katzenbach of Christy & Co., along with students of LOT. The show starts at 8 p.m. June 19 and 20 and at 3 p.m. June 21. Tickets at \$9.50 for adults, \$5 for children can be purchased at all Dillard's box offices or at Gammage.

Dance:

•María Benítez and her Spanish Dance Company will present a flamenco dance performance at 8 p.m. Saturday, June 20, in Gammage Center. The dance originated in Seville, Spain, and Benítez, the company's artistic director, reflects that heritage in her choice of guitarists and vocalists, who wail out the Moorish-influenced Andalusian songs that punctuate the elaborately costumed dancers' movements. General admission tickets are \$6, \$3 for ASU faculty, staff and students, at the Gammage Box Office.

Music:

•Dudes! Like you'll never even guess who's gonna be thrashing through Phoenix. **Motley Crue!** L.A.'s baddest bad boys will rock the house down Saturday night at 8 in Veterans' Memorial Coliseum, 1826 W. McDowell Road, as part of their Girls, Girls, Girls tour promoting their fourth album. Tickets are \$15 in advance, \$16 the day of the show, and are available at the Coliseum box office.



Nikki Sixx (left), Vince Neil, Mick Mars and Tommy Lee, aka Motley Crue, will raise the decibels — to say nothing of the roof — at 8 p.m. Saturday, June 20 at Veteran's Memorial Coliseum.

•The Paladins, the San Diego group that has opened for the likes of Los Lobos and the Fabulous Thunderbirds, will be championing their own cause at 9 p.m. June 22, at Anderson's Fifth Estate, 6820 E. Fifth Ave., in Scottsdale. Tickets for \$5 are available at the door.

All Dressed Up:

•"Summer Evenings," an exhibit featuring dresses from the collection of the Arizona Costume Institute will be on display through Aug. 23, at the Phoenix Art Museum, Central Avenue and McDowell Road. These gowns, made by major designers, were worn for summer dances and parties from the 1930s to the 1970s.

Deja view

Million-dollar dud buys bridge to boredom

By TOD McCOY
State Press

"Million Dollar Mystery" — (no stars)
Someone has finally come up with a good reason to see an awful movie — give away a million dollars to some poor silver-screen junkie.

Of course, that may not be the producer's original intention, but there can't be any other reason to sit through 95 minutes of toxic junk.

The movie "Million Dollar Mystery," a DeLaurentis Entertainment release, is loosely based on the 1963 movie "It's a Mad, Mad, Mad, Mad World."

The difference here is that it's 24 years later and the hidden sum has leaped profitably from \$300,000 to \$4,000,000.

And the miniscule fact the 1963 film was good.

There's also a twist to the plot — one million dollars of the money is still missing at the end of the movie, allowing the audience the chance to solve the last riddle and collect a cool million.

"Million Dollar Mystery" revolves around Sydney Preston (Tom Bosley), an official from Washington who has received \$4 million in payoffs from a group of Arabs.

Preston, who is on the run from the U.S. government, is ardently pursued by a pair of FBI agents (Mack Dryden and Jamie Alcroft) who want to bring the official to justice.

Believing his death is near, Preston has cunningly hid the money in separate \$1 million bundles and left clues to the exact location of each one for the greedy to decipher.

Preston finally bites it after eating a bowl of beer-sauted chili in a remote Arizona diner, divulging the first clue to the patrons only after receiving a kiss from the red-headed Doty (Pam Matteson).

Four groups of people are in the diner to witness the event: Tugger, who owns the diner and his waitress Doty; money-motivated stockbroker Stewart Briggs and his family; the insatiable Rollie and Lollie, who have just been married; and rock-group manager Crush and his trio of blondes.

With visions of zeroes and delusions of riches dancing in their heads, the fortune hunters set off in search of what is undeniably the most predictable chase in movie history.

The groups of hippies, dumpies, yuppies and love-puppies race across Arizona in an



Money is the key to the madcap in "Million Dollar Mystery," a treasure of a summer release from DeLaurentis Entertainment.

effort to solve the first clue ("Start at the city of the bridge..."), which leads the crowd to Preston's home town of El Puente (Spanish for "the bridge").

They find the first million stashed in a briefcase in a rickety old bridge, where, quite predictably, the case breaks open and scatters the money to the four winds.

Two other millions are found in turn, and

guess what happens to them?

"Million Dollar Mystery" will delight at least one viewer — the one who unearths the million-dollar treasure.

But with a movie this appalling, it seems doubtful the producers will recoup their investment.

"Million Dollar Mystery" is rated PG and is playing and the Mann Sun Devil 6.

'Predator' hunts in 'Aliens' territory

By ANTHONY C. LOBAIDO
State Press

For those who were terrified by Arnold Schwarzenegger in the movie "The Terminator," "Predator" provides a chance to see the tables turned.

Schwarzenegger stars as Major Dutch Schaefer, the leader of a crack military unit on a rescue mission in the Central American jungle.

Innocuous enough, right? Other than, say, a Senate investigation, what could complicate a few military operations in the jungles?

How about an alien — the kind that comes from another planet. And this one is really bad.

The opening plot — rescuing an American ambassador taken hostage by some Soviet-backed Central American country — is filled with the usual clichés.

The audience learns of the rescue unit's adventures in Afghanistan and Cambodia. Then there is mention of how the group passed up the opportunity to assassinate someone in Libya. (Now who would that have been?)

Carl Weathers, of "Rocky" fame, co-stars as Dillon, a former mercenary-turned-white-collar CIA agent who leads the rescue team on its mission under false pretenses.

Dillon explains to Dutch that their long

'Predator' Twentieth Century Fox ★ ★ 1/2

time friendship is no longer what it seems. "You're all just expendable assets," he says. (Sound familiar? Try the southeast Asian sweetie's soliloquy: "What mean expendable? Rambo.")

Clearly, Dillon has lost his touch as a field operative. He is constantly bungling with his shoddy surveillance techniques as well as his inability to control the lithe female prisoner the unit has taken.

Intrigue, ineptitude, what else could go wrong?

Enter the Predator, an out-of-this-world hunter who uses space-age technology to track and kill the members of the unit one by one.

Kevin Peter Hall — the big foot in "Harry and the Hendersons" — is terrifying as the chameleon-like and brutally lethal Predator.

It seems the alien is quite the star in some local legends, conveniently supplied by the prisoner. "The demon who would make

trophies of men," she calls it.

At any rate, the alien is enough to frighten even Schwarzenegger, who is forced to rely on his own ability to use the jungle itself as a weapon to survive.

By combining themes from "Rambo," "Missing in Action," "Aliens" and "The Terminator," director John McTiernan forms a competent sci-fi action-horror thriller.

"Predator" constantly vacillates between poking fun at itself with lines like, "I don't have time to bleed," and taking itself too seriously with stereotypical macho camaraderie.

The film works best when it allows Schwarzenegger to flex his one-liners.

The action scenes, computer graphics and other special effects are remarkably well done. The violence is quite graphic and the inhuman 'hunting for sport' motivation of the alien comes across with a vengeance.

For audiences who enjoyed any of the afore mentioned flicks — and who don't mind liberal doses of explicit violence — "Predator" is definitely a must-see.

For the squeamish, there's always "The Fly."

"Predator" is rated R and is playing at the AMC Fiesta Village in Mesa.

Fast break

Patterson using off-season to plan basketball team direction

By MARTY SAUERZOPF
State Press

ASU head basketball coach Steve Patterson is enjoying his time off.

"I'm not really anxious," he said. "The season will start in due time."

In the meantime, Patterson is concentrating on recruiting and pondering the merits of a new, multi-year contract. His new three-year pact has given him a firm hold on the basketball program and has relieved him of the recruiting problems that he has faced since taking the reigns of the team two years ago.

"The problem recruits see when they look at coaches is 'Are they going to be coaching me two or three years later?'" Before the new contract, Patterson had more or less been on a "month-to-month" basis, which potential recruits often interpret as instability in a basketball program.

"We're out from under the clouds now," he said referring to the NCAA-imposed recruiting restrictions which expired on Jan. 1 of this year. "We're a little bit behind because we were recruiting junior and senior players. But we're chasing all the big names."

"Basically, we'll fill all of our immediate needs with junior college players and go from there."

Patterson's immediate needs don't include too much in the frontcourt. Tarre Isiah's departure will be covered adequately by players such as Emory Lewis (6-9, 182), who Patterson said will be "an outstanding player."

Patterson has a hefty list of frontcourt personnel, including Alex Austin (6-5, 202), Mark Becker (6-8, 209), Mark Carlino (6-6, 205) and Torin Williams, a junior college transfer from Colorado.

"We'll have a lot of depth in the front line," Patterson said.

Patterson hopes to play an uptempo game next season, with Arthur Thomas playing as an off-guard.

"I see Arthur as a scoring guard more than a point guard," he said, "and Tyrone (Mitchell) can complement him very well."

Although it is too early for Patterson to speculate on his starters for next season, he said he would like to have a big point guard with a small off-guard, and use his big men to pound the ball inside.

Patterson is not counting on last year's

'The good news is that I've got the job, and the bad news is that I've got the job.'

— Steve Patterson

strong finish to carry over to this year's squad. "It's a whole new year. Eight of 14 roster members are new."

Also new is his staff of assistant coaches, which now includes Frank Arnold, who was formerly the head coach at the University of Hawaii, and Lionel Hollins, who signed on as an unpaid assistant.

Patterson is settling into the job with his new contract signed. "My wife can finally unpack our bags. ASU is a great place. The growth on campus and in Tempe is great."

As for game attendance, which has been somewhat slow on the part of the student population in recent years, Patterson said that he hopes to build a program which the students will be proud of.

"A lot of people blame the students for not attending the games. It's hard for me to be critical. It's my job to have a team that people can get excited about. I'm not satisfied, and I won't be satisfied until we have that type of team."

Patterson's new contract includes bonuses for attendance figures that average 7,000 spectators a game. Last season's average attendance was just over 4,800, and ASU hasn't averaged 7,000 fans in six years.

The new contract also includes bonuses for post-season appearances and for the number of players who receive their degrees.

Patterson said ASU also wanted to include a stipulation prohibiting him from coaching at any other PAC-10 schools, but this was reduced to a clause permitting Patterson to leave to coach at UCLA.

"I felt that it was a 'restriction-of-trade' type clause which I didn't think was fair," he said. "The only other school that I would consider coaching at would be UCLA, my alma mater, but I have no intention of leaving to coach there. In no way is it there as an 'escape valve.'"

"Walt (Hazzard, current UCLA coach) probably won't be excited about it," Patterson quipped.

In reminiscing about his days at UCLA



Steve Patterson

and the championship banners hanging from the rafters in Pauley Pavilion, three of which he personally contributed to on the court, Patterson said hopefully, "There's no reason we can't do the same thing here."

With a new contract under his wing, and three years to mold a program of his own,

Steve Patterson is off to the kind of start he needs to do just that, but he has his work cut out for him.

"The good news is that I've got the job," he mused, "and the bad news is that I've got the job."

And the job is all his.

Ping golf club controversy sized up by ASU prof

By DAVID MILLER
State Press

ASU civil engineering professor Michael Mamlouk doesn't really have any interest in the sport of golf. Or at least he didn't until two weeks ago.

That was when he became involved in what may turn out to be one of the most costly rounds of sports lawsuit in recent memory.

The issue is clubs. And grooves. And the way the grooves on golf clubs make the balls spin faster, and consequently "better," when they're hit.

The controversy — which is drawing a large number of spectators and is being sized up as the center of a multi-million dollar court battle — is roughly the size of two human hairs.

Two weeks ago Prof. Mamlouk received a phone call from Karsten Solheim, the president of Karsten Manufacturing Corporation, a Valley company which produces the Ping golf club. The club is under scrutiny because, according to the United States Golf Association, it decries a faster spin on a golf ball and thus imparts an "unfair advantage" to its users. And, according to the USGA, it should therefore be illegal.

Solheim requested that Mamlouk take a microscopic look at the grooves on the Ping clubs, and at the evidence used by the USGA in its decision, and decide whether they have a valid excuse for looking down their noses at his product.

Mamlouk's findings, he says, may give Solheim all he needs to prove the USGA's decision is based on arbitrary and unfair measurements.

"The USGA does not have the right to make millions of legal clubs illegal," Mamlouk said. "Adopting a new definition of groove width, which will affect millions of golfers, requires an extensive, scientific reason rather than comments made by jealous competitors."

"They have no scientific reason. Their reasons are based on arbitrary measurements," he said.



Michael Mamlouk

Those reasonings, based on a USGA study on the distance between grooves on club heads, will be used to redefine the legality of certain clubs, including the Ping clubs, of which millions have already been sold, Mamlouk said.

The decision will be made by the USGA Monday, June 22,

he said.

But Mamlouk insists his study, which included the examination of USGA literature and the derivation of his own statistics, indicates that their solution is not valid.

"They (the USGA) have taken rules that have been in existence for years and have totally rearranged them to suit certain individuals," he said. "But their new specifications don't make sense because they could just as easily be made another way."

In January, 1984, the USGA introduced to manufacturers the option of box-shaped and U-shaped grooves in addition to the traditional V-grooves. This allowed Solheim to put his Ping clubs on the market. However, these clubs sported U-grooves, which made measuring the distance between the grooves more difficult.

The USGA adopted a new way of measuring that distance, based on "an arbitrarily chosen" 30-degree angle. This new measurement made the Ping grooves approximately 0.010 to 0.020 inches too close together for USGA standards.

They claimed that these closer grooves imparted an "unfair advantage" to Ping club users, since closer grooves meant any ball hit would have a greater spin.

Pro golfers such as Jack Nicklaus, Tom Watson and Ben Crenshaw helped spearhead the campaign to outlaw the Pings.

But Mamlouk points out in his study that the USGA states that "a distance of 0.010 inches will not substantially affect the rate of ball spin."

"Their report says it right in the beginning, that that distance will not significantly affect the spin," he said.

He also says that there is no scientific preference towards using a 30-degree angle to make their measurements.

"For example, why didn't they use 15 degrees or 40 degrees rather than 30? In fact, no single dimension can fully characterize the effectiveness of the groove."

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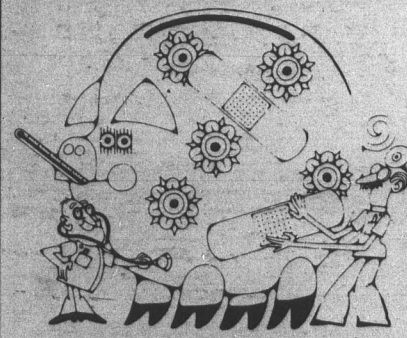
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Golf

Continued from page 10.

Mamlouk says politics will play a part in Monday's decision.

"Other manufacturers are supporting the USGA, and they are in direct competition with Karsten. They want to see the Ping clubs outlawed," he said.

"But if this unjustified groove width is adopted, it wouldn't be surprising if it is replaced in the future with another unjustified definition, if enough politics favor it.

"The manufacturers and owners of the affected clubs are not expected to easily accept this decision. The USGA will lose its credibility and the peaceful game may change towards unfair fighting," he said.

Prof. Mamlouk said Karsten Solheim has not decided whether or not he will sue the USGA.

"He wants to wait and see the official decision," he said.

Solheim is currently attending the U.S. Open golf tournament in San Francisco and could not be reached for comment. His son, Allan, the vice-president in charge of personnel for Karsten Manufacturing Corporation, declined to comment on the company's position.

"I really can't comment, and I don't think my father would either on the controversy until the (U.S.) Open is over. He doesn't want anything spoiling the tournament," he said.

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