

# PROSPECTUS

A STUDENT PRODUCED PUBLICATION SINCE 1969

THE WEEK OF  
APRIL 24, 2002

## Fine Arts Show Winners 2002

Andrew Davidson  
With My Own Gun  
Purchase Award

Judy Jones  
White  
Merit Award/Purchase Award

Joo Hynn Kang  
Self-Portrait  
Merit Award/Purchase Award

Mason Kessinger  
Untitled  
Merit Award/Purchase Award

Mason Kessinger  
Estoy Barato  
Merit Award/Purchase Award

Jong Youn Kim  
Chairs  
Merit Award/Purchase Award

Bruce MacAllister  
Serendipity  
Metals Award

Ann McDowell  
Hydrangea  
President's Award/Merit Award

Andrew Roesner  
Wake  
Merit Award/Purchase Award

Milena Tiner  
Crafts  
Purchase Award

Cynthia Marie Ware  
Saudade  
Merit Award/Purchase Award

Janet Wilson  
Garden Seed  
Purchase Award

Rachel Bain  
Untitled  
Merit Award

Scott Bielert  
Vessel Untitled  
Merit Award

Tommy Brown  
Man and His Coffee  
Merit Award

Linda Dolder  
Bowl  
Merit Award

Theresa Fulton  
Toxic Barbie  
Merit Award

Zachary Gaydos  
Vessel  
Merit Award

Barb Johaneck  
Dave's Lilies  
Merit Award

Joshua Johaneck  
Ascension  
Merit Award

So Hee Lee Won  
My Best Friend  
Merit Award

Nanda Palmieri  
Bowl  
Merit Award

Nanda Palmieri  
Suspended Doughnuts  
Merit Award

Brandon Parod  
Sturface Transformation of a Book  
Merit Award

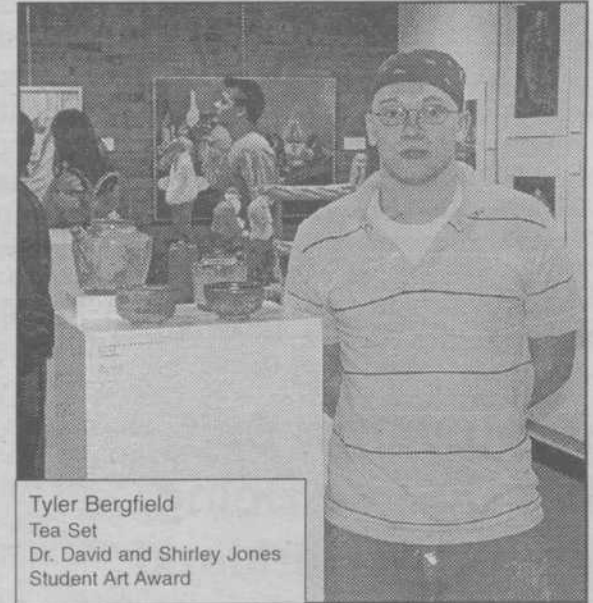
Daniel Rudin  
Self-portrait  
Merit Award

Cindy Smith  
No Title  
Merit Award

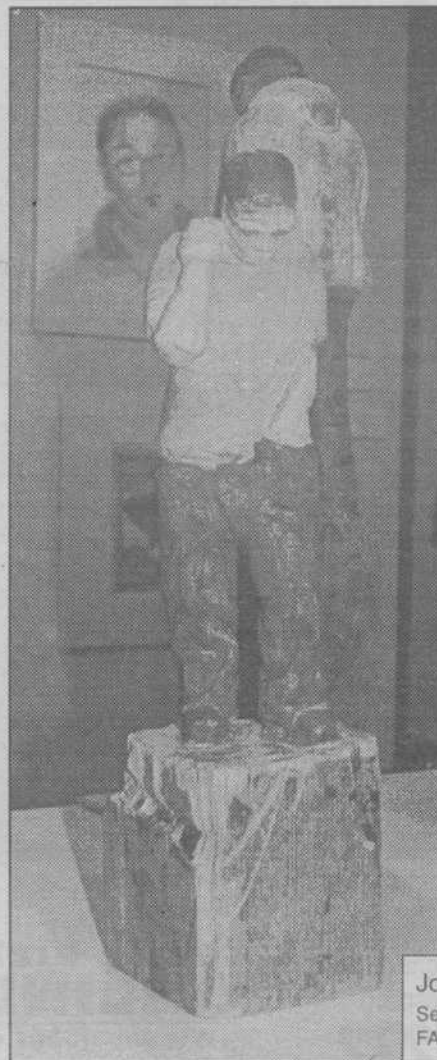
## Parkland College Fine Arts Student Exhibition 2002



Milena Tiner  
Still Life  
English Brothers Company Award



Tyler Bergfield  
Tea Set  
Dr. David and Shirley Jones Student Art Award



Joshua Johaneck  
Self-Portrait  
FAA Dept. Chair Award



Rebecca Renwick  
Firehouse #12  
Lewis Insurance Store, Inc. Purchase Award



Dylan DeWitt  
Arrowmont Scholl of Arts and Crafts Award



Elisa Enriquez  
My Family  
Art Coop Award

## campus news

## Cap and Gown Pick-up

Room X-150

Monday, May 6th, 8:30 a.m. - 7:00 p.m.  
 Tuesday May 7th, 8:30 a.m. - 7:00 p.m.

If you have any questions contact:  
 Cindy Wilson  
 Secretary Student Life  
 X-153  
 Phone: 217.351.2492  
 E-mail: cwilson@parkland.edu

## P2 Parkland Public Safety Summary

March - April

Accidents 11  
 Burglaries 3  
 Theft 3  
 Arrest 1

## Fibromyalgia Self-help Course Being Offered at Parkland

Fibromyalgia is a chronic condition characterized by muscle pain and fatigue. A self-help course for people with Fibromyalgia is being offered beginning Tuesday, May 14th, at Parkland from 6-8:30 p.m. The course is being co-sponsored by the Arthritis Foundation and Parkland College.

The series of seven weekly classes is designed to teach people with Fibromyalgia how to take a more active role in the management of their disease. The course offers information about pain control, relaxation, exercise, doctor/health care professional/patient relationships, fatigue, and depression.

Pre-registration is required to attend the course, and space is limited. The cost is \$40, which covers enrollment and materials. To receive information about the Fibromyalgia Self-Help Course, call the Arthritis Foundation at 217-398-7815.

Sen. Stanley B. Weaver to Receive Honorary Degree  
Former President of U of I To Give Keynote Address At Parkland Graduation

By Prospectus Staff

Stanley O. Ikenberry, former president of the University of Illinois will be the keynote speaker at Parkland graduation ceremonies at 8 p.m. May 10 in the Krannert Center.

State Sen. Stanley B. Weaver will receive an honorary degree at the commencement ceremonies.

Ikenberry left the U of I presidency in 1995 after serving 16 years, one of the longest tenures in its presidential history. In 1996, he became president of the American Council on Education, a nonprofit association founded in 1918 to be the major representative voice for higher education in the United States. On

September, 2001, Ikenberry returned to the U of I to become Regent Professor and President Emeritus of the University.

Ikenberry is also President of the Board of Overseers, TIAA-CREF, the leading retirement system for college and university employees in the U.S. TIAA provides an array of asset investment classes (equity and fixed income holdings.) It also offer services to the academic community and the general public. The Board of Overseers monitors TIAA-CREF and has the legal responsibility for the election of the TIAA Board of Trustees.

Weaver has represented the 52nd District in the Illinois Senate since 1970, after one term in the House of Representatives. He serves as Senate Majority Leader since being named to that position in 1997. His priorities always have been quality education, agriculture, and economic development.

Weaver has been a long time supporter of Parkland and was instrumental in making progress on behalf of community college initiatives and capital development projects.

The commencement program includes a special guest speaker and presentation of "America the Beautiful - A Salute to Heroes."



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## Prospectus

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ADVERTISERS phone 217-373-3855 or FAX 217-373-3835

## LETTERS AND EDITORIAL POLICY

- The Prospectus is a student publication.
- It is published weekly during the Fall/Spring semesters and intermittently in summer.
- Views expressed are opinions of staff and contributors
- Advertising is accepted which is non-discriminatory and not in violation of any laws. The Prospectus reserves the right to refuse any advertising. Publication of advertising constitutes final acceptance. Advertisers must verify ads for accuracy.
- The Prospectus welcomes letters to the editor.

- The rules of correspondence: all letters must be signed with a phone number and address. The Prospectus staff must verify the identity of letter writers. E-mail to the prospectus must also include a full name, phone number and address. Unverifiable letters will not be printed. Correspondence may be edited to accommodate the space requirements of the paper.
- Guest writers are welcome and subject to the same rules as other correspondence. We welcome writers from the Parkland community and the public. The editor will consider original works of fiction and short writings, if space is available.
- The Prospectus deadline for all advertising and other submissions is 5pm of the Wednesday immediately before the upcoming issue.

## EDITORIAL STAFF

Mike Bush Editor in Chief  
 Lucas Clark Asst. Production Editor  
 Keith Pirok Production Editor  
 Doris Barr Faculty Advisor

## editorial

## Social Covenant: New Film Reminds Us of Old Lesson

Knight Ridder/Tribune News Service

Have you ever wondered about the glue that holds society together, or what happens when it loses its grip?

Moviegoers get the chance to see for themselves in a new film that offers a strong dose of social commentary with the popcorn. The movie, "Changing Lanes," stars Samuel L. Jackson and Ben Affleck as two frenzied and frustrated motorists who, after a fender bender, start a personal feud that gets progressively worse until finally they each come unglued.

This is no ordinary tale of "road rage" but rather a serious look at a breakdown of the societal covenant — the unwritten rule book that, whether many of us realize it or not, governs how one human being living in society should relate to another.

It is an important message that few people often think about — what are our responsibilities not just to ourselves, to our families and to our jobs, but also to the larger society?

One need only look to the conflict raging in the Middle East to see what sort of atrocities can occur when whole segments of societies throw out the rule book and just set out to inflict as much pain as possible.

And, of course, there are plenty of examples closer to home of human beings acting inhumanely toward one another, acting in the most violent way or harming innocent victims. Last week, Texans awoke to the report of two siblings admitting to the murder of their 6-year-old brother in Lewisville.

Every time we are confronted with one of those horrible and inexplicable stories, it is worth taking a moment and recommitting ourselves to keeping the social contract. Respecting the rights of others. Honoring a commitment. Retiring a debt. Responding to a wrong with a right. Accepting responsibilities along with our freedoms. Merely obeying traffic laws.

Not only do all those kinds of acts honor the social contract, they also add up to a more civil society. We should not need a movie to remind us of that sensible goal.



Makaila Shackelford	Office Manager
Andre Moraes	Photo Editor
Adam Soebbing	Sports Editor
Blane McClellan	Staff Writers
Norman Dillier	Advertising Manager
Brian Anderson	Sales Associate

## Here's the Latest Dirt on Mold's Dangers

By Lisa Liddane  
The Orange County Register

It can grow wherever there's moisture in the home. On sheet rock. On the carpet. On wood panels. Indoor mold is increasingly being blamed for a range of health problems — from allergies to asthma to respiratory difficulties.

The interest in indoor mold has grown so much that California last year passed two laws related to researching indoor mold, determining what levels are unacceptable, evaluating how to measure its health effects and determining how to best get rid of it, said Sandy McNeel, research scientist for the environmental and occupational disease control division at the Department of Health Services.

Not all molds can cause health problems and not all health problems seemingly mold-related are caused solely by mold. Here are questions on the basics of indoor mold and its known adverse effects and answers from McNeel and Dr. Jay Portnoy, a spokesman on indoor mold for the American College of Allergy, Asthma and Immunology:

Q. What is mold?

A. Molds are a type of fungus. They produce tiny spores to reproduce. When these spores land on damp areas indoors, they may begin growing. They can grow in areas that are not readily visible, such as between furniture and walls. You can control indoor mold growth by controlling the moisture in your home.

Q. Are all molds harmful to health?

A. Some have greater potential to be harmful than others. A less common type of mold, *Stachybotris chartarum*, may produce compounds that have toxic properties, which are called mycotoxins.

Q. Can the amounts of mold be measured in a home?

A. Yes, they can. There are several ways to measure mold in a home, including evaluating a sample of dust from the home and studying the amount of mycotoxins — toxic products — mold produces.

Q. What have studies shown about health problems that mold exposure can cause?

A. Studies have shown that mold exposure can trigger allergic reactions, asthma and respiratory difficulties.

Symptoms include wheezing; difficulty breathing and shortness of breath; nasal and sinus congestion; irritated eyes; dry, hacking cough; irritated nose or throat; and skin rashes or irritation.

There are anecdotal reports linking mold exposure to headaches, memory problems, mood swings, nosebleeds, body aches and pains, fevers, dizziness, fatigue and forgetfulness, but studies are needed.

You can link mold exposure to health problems, but it is difficult to isolate it as the only cause, Portnoy said.

Q. Why does the severity of effects vary from one person to the next?

A. The reasons are not known. Some people are much more susceptible, including infants, young children, the elderly, people with previous respiratory problems and allergies and people with a weak immune system.

Q. What should I do if I suspect mold exposure is affecting my health?

A. You can take these measures:

If you are aware of an area in the home that is contaminated with mold, clean it with dish detergent mixed with water and wipe off the mold. Killing the mold with bleach and water is not the first step, McNeel said. When the mold dies and dries up, air currents or physical handling can cause spores to become airborne and can adversely affect you.

Wear protective clothing, including rubber gloves and a respirator designed for particulate removal (available at hardware stores).

If the contamination is severe and cannot be removed by cleaning, you may need to replace the contaminated part.

Check and repair any moisture seepage or leaks.

If your symptoms persist, ask your primary care physician for a referral to an allergist who may determine if you are affected by mold exposure and can treat you appropriately.

Check with the environmental health department of your university or community college to get a referral to a reputable environmental health specialist who can visit your home.

Q. Where can I get more information on indoor mold?

A. Go to the following:

Environmental Protection Agency:  
<http://www.epa.gov/iaq/pubs/moldresources.html>

## Politics, Not Science, is Coloring ANWR Debate

By Seth Borenstein and James Kuhnenn  
Knight Ridder Newspapers

Environmentalists say oil drilling in the Alaskan wilderness would kill caribou and ravage pristine lands. Drilling proponents say it would free the United States from dependence on foreign oil.

Government scientific studies show that both are wrong.

As the Senate debates opening the Arctic National Wildlife Refuge to oil exploration this week, political symbolism has swamped scientific substance. An examination of the studies reveals that both sides have exaggerated the energy, environmental and economic consequences of drilling there.

The refuge probably would produce, at peak, less than 5 percent of America's daily oil consumption and would kill about 1 percent of the caribou calves in the area, according to U.S. Geological Survey and Department of Energy studies. Drilling in the Arctic wouldn't significantly reduce world oil prices or what motorists pay at the gas pump or endanger the caribou herd, experts say.

"I just don't know why it's become

a big deal," said Paul Joskow, an energy economist who is the director of the MIT Center for Energy and Environmental Policy Research. "It's become a symbolic effort for both the oil industry that wants more freedom to drill federal land and coastal areas and, I think, it's become symbolic for the environmental community in the notion of environmental protection."

The House approved drilling in ANWR last August as part of its comprehensive energy bill. With a Senate vote scheduled as soon as Thursday, the Bush administration and Republican lawmakers have offered deals almost daily to attract Senate votes on the proposal. Democrats have countered by readying a filibuster, which requires 60 votes to overcome their objections.

Republicans concede that they don't have those votes, and they've tried to enlist seemingly unrelated interest groups such as labor unions, the steel industry and the pro-Israel lobby — in hopes of swaying some Democratic senators.

The latest offer was aimed at senators from steel-making states and would use revenue from oil drilling bids and production royalties to help the sagging steel industry pay off billions of dollars in health benefits to its retirees. It was potentially attractive to some Democrats, but not to Republicans, who steadfastly oppose paying off the steel industry's debts to retired workers. By Wednesday, no Democrats had accepted the offer and Republicans worried that they wouldn't even get a simple majority in support of the drilling measure.

All this dealmaking is about more than oil and caribou.

President Bush has long stood for tapping America's resources to make the country energy independent, and he's made ANWR drilling a centerpiece of his energy policy. Democrats have just as long wanted to portray Bush as beholden to Big Oil and an enemy of the environment.

## local-regional

## Buy Groceries to Help the Parkland Proud Scholarship Program

During the next month, area IGA stores will donate a percentage of the proceeds from the following products, to Parkland College to be used for the Parkland Proud Scholarship Program.

While you are there, be sure to enter the drawing to win a GAS GRILL valued at \$500.

Sponsors for this program are the District 505 IGA stores, WICD-TV News Channel 15, and WDWS/WHMS. And a special thanks to HicksGas for donating the grill!

Purchase of these products will benefit the Parkland Proud Scholarship Program

Prairie Farms Vanilla Ice Cream  
Betty Crocker Angel Food Cake and Brownies  
Green Giant Chicken Teriyaki  
Mountain Dew - 24 oz  
McCormick Black Pepper  
Big J Potato Chips  
Hy-Grade Ballpark Franks  
Hy-Grade Ballpark Singles  
Bertolli Olive Oil  
Jiffy Corn Muffin Mix  
Nestle Cookie Dough  
Swanson Chicken Pot Pies  
Kraft Thick-N-Spicy Barbeque  
Reads 3 Bean Salad  
Chinet Plates  
Dutch Farm Bagels and English Muffins  
C & H Granulated Sugar  
Tetley Tea Bags  
Farmland Jumbo Deli Franks  
Cheetos  
Dove Bar - Dark Chocolate  
Kraft Parmesan Cheese  
Cheez Whiz  
Chef BoyRDee Cheese Pizza & Beefaroni  
Coke & Diet Coke - 2 liter

## On-Street Parking Permits on the Way

The City of Champaign announces the expansion of the On-Street Permit Parking program in the Campus area. Phase II of Area I will be bounded by Green Street south to Gregory Street, and First Street east to Fourth Street, Euclid Street, Second Street and Third Street. Currently, City crews have begun marking the spaces and installing signage announcing the upcoming change.

These efforts are a continued expansion of the On-Street Permit Program that began in October 2001. On-Street Permit Parking is designed as a tool to better manage and regulate residential parking within the Campus Area Parking District and to help address the demand for parking. This program is one of a series of strategies designed to deal with transportation and parking issues in the Campus area.

On April 29, parking permits will be available for purchase on a first-come, first-serve basis at the City's Parking Program Division. Interested individuals need to apply in person at the Parking Programs office. In addition, the applicant must bring proof of residence within the designated parking area.

## April Is Child Abuse Prevention Month

The Department of Children and Family Services Abuse Hotline received 306,506 calls during fiscal year 2001, which resulted in 60,167 investigations and involved 100,426 children. During that period, 28,884 reports were indicated as having credible evidence that child abuse or neglect had taken place. 5,163 children were taken into protective custody by the Department during that period and placed in temporary homes.

While there are many things that can be done to prevent child abuse,

there is still a need to care for and nurture those children who have been removed from their natural families, according to the Department. Foster parents are the best resources for nurturing and keeping children safe until they can return home or find other permanent homes, Department representatives say.

The Coalition for community Kids in Care is a group of child welfare agencies and interested community members who are working together to recruit foster

and adoptive families for children in Champaign County. The Coalition's focus is to identify and license families who can provide the caring, nurturing environment these children need.

If you are interested in becoming a foster parent, please call 217-355-4547. More information also may be obtained from the Illinois Department of Children and Family Services at 1806 Woodfield Dr., Savoy, IL 617-278-5300 or 401 N. Franklin, Danville, IL 61832 phone 217-443-3200.

## Community Services Board Announces Scholarships

The community Services Board announces the availability of several \$400-\$500 scholarships for the 2002-2003 academic year. These scholarships are funded by a Community Services Block Grant from the Illinois Department of Commerce and Community Affairs. To qualify, an applicant must be a resident of Champaign County and must meet specific income limits based on the 2002 Federal Poverty Guidelines. He or

she must be enrolled in a full-time course of study at a post-secondary institution in Illinois. The applicant must have at least a 3.0 cumulative grade point average, high school grades, or at least a 2.0 cumulative grade point average, post-secondary grades. The grade point average requirements are based on a 4.0 grading scale. Students who have already completed bachelor degrees are not eligible.

The applications deadline is

Friday, June 21, 2002. The Community Services Board will then review the applications and select the recipients. Applications are available on-line at [www.ccrpc.org/scholarship/index](http://www.ccrpc.org/scholarship/index), at the Regional Planning Commission's office in the Brookens Administrative Center, 1776 E. Washington Street in Urbana, or by contacting Terry Foulkes, CSBC Scholarship Coordinator, at 328-3313, ext. 195.

## Melancholy Voice From the Past

Diana Darby will be singing at Pages for All Ages May 4 at 7p.m. Miss Darby brings alive the style of folk singers of the past and social consciousness for today.

## Model Railroad Show and Sale

The 11th annual Makin' Tracks Model Railroad Show and Sale is Saturday, April 27 and Sunday, April 28 in Blucker Hall at Rockome Gardens. Coryville Station and Model Railroader Magazine are proud sponsors of this year's show. Vendors will be on hand to buy, sell and trade new and used model railroad supplies and memorabilia in a variety of model scales. Operating layouts will be on display on both days for our visitors to enjoy.

## Crimestoppers

On April 14th at 6 a.m. a home invasion was reported at 1202 W. Ellis in Urbana. Two black males forced their way into thi8s residence. They demanded money and other valuables. One of the suspects struck the resident in the face with a gun. The two suspects fled in a champagne color, newer model Chevrolet Cavalier.

The suspects are described as two black males wearing dark clothing, masks and gloves. At least one of the suspects was armed with a chrome color semi-automatic handgun.

If you have any information call Crimestoppers at 3-7-3-T-I-P-S.

## Nunsense II- The Second Coming

They're back! The Little Sisters of Hoboken, first introduced to ARTCo audiences in "Nunsense" last year, are returning this month in "Nunsense II: The Second Coming" at the Fine Arts Center in Tuscola.

This habit-forming musical continues to relate the adventures of the Little Sisters as they return to present another variety show - this time as a "thank you" to all those who supported their first benefit performance, "Nunsense" which ARTCo presented in January 2001.

Mount Saint Helen's Gymnasium is again the setting for the show, where all goes as planned until a call from the Gestapo Franciscans starts a series of events which included as arrest, Japanese saki and a Elvis sighting. Once again, Reverend Mother tries to restore calm to chaos.

From the talented writings of Danny Goggin, Nunsense II is family entertainment with lots of laughs. Don't worry if you missed the first episode - Goggin uses part of the first act to catch everyone up on Hoboken history.

Performances are April 25-28 and May 2-5 with Thursday, Friday, and Saturday night performances at 7:30 p.m. and Sunday matinees at 2:30 p.m. All performances will be held at The Fine Arts Center in Tuscola.

## The Top13 Rejected Pokemon Names

13. Jigglybutt
  12. Herpekachu
  11. Bongbuzz
  10. Rastamon
  9. Chepejapaneztoi
  8. Fartachu
  7. Mommysbroke
  6. Pustulette
  5. Wakamole
  4. Guntotingoth
  3. Watchutawkinboutwillis
  2. Tracilords
- and the Number 1 Rejected Pokemon Name...

## 1. Liberachee

## features

## American Bandstand Celebrities 50th Anniversary

Commemorating half a century of musical history, ABC-TV will present a two-hour prime-time special, "American Bandstands ...A Celebration!" with Dick Clark hosting, on Friday, May 3, 8-10 p.m., Eastern and Pacific time.

The special will feature a "Who's Who" of musical stars performing live or via film clips, both recent and vintage. The series debuted regionally in 1952, and "American Bandstand" began to air on the network in 1957. Clark became the host in 1956.

Performing live will be Michael Jackson, Cher, Alanis Morissette, Brandy, Kiss, Stevie Wonder with Babyface, Village People, KC & The Sunshine Band and A Taste of Honey.

Among the many stars making special appearances will be Whitney Houston, Janet Jackson, Lenny Kravitz, Jennifer Lopez and 'N Sync.

## Mammogram Controversy and Technology

By Carolyn Poirot  
Knight Ridder Newspapers

Mammography has gotten so good that radiologists can detect tumors the size of pinheads. And with computer-aided analysis giving the radiologist a second set of eyes, mammography just got better.

Malignant tumors are being detected and treated before anyone can determine if they will become deadly. And that fact has stirred an old debate: Does screening mammography save lives?

Ten nationally recognized medical organizations placed an ad in The New York Times Jan. 31 calling attention to the overwhelming body of evidence showing that it does. The fear, they say, is that public debates have begun to erode the confidence in mammography that has built up over the past two decades.

"The evidence as a whole solidly supports reduced breast cancer mortality rates due to mammography screening," the ad states. "If women are dissuaded from getting regular mammograms, lives will be lost."

The latest on the controversy, now posted on the American Cancer Society Web site, points out that The Lancet, the respected British medical journal that printed the statistical analysis questioning the value of mammograms last November, has now reconfirmed its support of the technology. "The life-saving benefit becomes clear once screening programs have been going on for a few years," says the Feb. 1 Lancet report.

Statistics show that while the incidence rate for breast cancer increased by 3.8 percent per year between 1980 and 1987 and has remained at about 200,000 cases per year, the mortality rate has declined in the past decade.

Health care professionals hope to save even more lives with the advent of a new computer-aided detection device, the ImageChecker System, which calls the

cont. on the right

## New T-Rex Research Says it Wasn't the Powerhouse Once Thought

### Tyrannosaurus Rex Couldn't Run

By Andrea Widener  
Knight Ridder Newspapers

The top speed of this famously dangerous dinosaur, immortalized in action movies and children's minds, is closer to a swift walk than the sprint you might expect.

By simulating the physics of T. rex's massive muscles, a Stanford University researcher has found the ancient animal's bulk limited it to speeds no faster than 25 miles per hour and likely even slower.

That's not very fast for an animal with 7- to 12-foot-long legs. And it is far below the 45 miles per hour some experts had estimated, based on the dinosaur's structural similarity to fast-running birds like ostriches.

"The 25-mile-per-hour speed was the upper end of what we thought was straining credulity a bit," said John Hutchinson, who did this work as a University of California-Berkeley graduate student.

This finding, published Wednesday in the journal Nature, doesn't end a century-long controversy about the Tyrannosaurus' temperament, or even nail down exactly how fast the animal moved. In fact, it leaves the predator or scavenger debate open by saying other large dinosaurs were likely slow as well.

But it does set upper limits on the dinosaur's movement, based on how muscles work in surviving species such as elephants, alligators and chickens. This speed limit is something the creature creation masters at Industrial Light and Magic said they noticed when trying to create a high-speed T. rex for the Jurassic Park movies.

"What it says is unless T. rex did something completely beyond the scope of what we see, it didn't run," said Tom Roberts of Oregon State University.

Debate over T. rex's role as either a slow scavenger or a high-speed killing machine has see-sawed for

a century. This high-speed argument, and his quizzical view of the quick dinosaurs in Jurassic Park, originally drew Hutchinson into this question.

"Those two things together made me think, 'Huh, that doesn't really make sense to me biomechanically,'" Hutchinson said. "I realized it was a good scientific question later on."

As his doctoral project, Hutchinson created a two-dimensional model of T. rex legs to test his theory. He began this research by dissecting present-day animals to understand how their muscles work, since evidence of T. rex muscles are hard to come by.

"We have feathers and scales" all over our lab as a result, said Kevin Padian, his University of California-Berkeley graduate advisor.

To create the biomechanical model itself, Hutchinson turned to colleague and co-author Mariano Garcia, then a post-doctoral student at Cal and now at Borg-Warner Automotive in New York. The model shows how big such leg muscles would have to be for an animal to run at certain speeds.

Muscles generally take up 50 percent of an animal's total body mass. That includes important organs like heart and lungs and support muscles like those around the spine, which leave much less to run on. Massive animals have to have big muscles just to hold them up, much less let them run at high speeds.

To run at 45 miles per hour, according to the model, a Tyrannosaurus' leg muscles would consume a disproportionate 86 percent of its body weight. By contrast, about 20 percent of a chicken's body weight is leg muscles.

Hutchinson's two-legged model also passed the logic test when he tried it on other animals. It worked for small dinosaurs, who are known to run. And it failed for an

alligator, which can't run on two legs at all, and for a chicken the same size as a T. rex, which his Berkeley colleagues jokingly compared to the overgrown fowl in the children's book "The Hoboken Chicken Emergency."

Scientists weren't the only ones who said Hutchinson's results make sense. When artists at Industrial Light and Magic pushed their T. rex models to Jeep-chasing speeds, the dinosaurs looked like they were flying, said model supervisor Ken Bryan, who created T. rex for the three Jurassic Park movies.

"When you're looking with just an artist's eye, you can see something is not right," said Bryan, who has discussed Tyrannosaurus movement with Hutchinson several times.

Bryan, a longtime dinosaur enthusiast, bases his models on what scientists actually know about the ancient creatures. He even began the first Jurassic Park T. rex with a Hutchinson favorite a chicken skeleton.

"For the movies, we sometimes do have to bulk our dinosaurs up a bit just like actors on the screen," Bryan said. "But for overall proportions and size, you do need to have some understanding of how the bones and muscles relate."

Scientists say the most important discovery here is not the T. rex's limited speed so much as the idea of mining living animals to help understand mysteries from the past.

"John is one of a newer breed trying to do both," said Brown University's Stephen Gatesy. "It goes far beyond rubbing bones together and coming up with stories."

"It is our best until we can get a T. rex on a treadmill and run it in the lab," said Roberts of Oregon State University.

### mammogram story cont.

radiologist's attention to even the most minute tissue changes.

The system is now available at the Doris Kupferle Breast Centers of the Harris Methodist Health System, Women's Diagnostic of Texas (formerly the Center for Breast Care) at Baylor All Saints Medical Center and Consultants in Radiology in Fort Worth.

Early studies, including one published in the August issue of 'Radiology,' official journal of the Radiological Society of North America, show that computer analysis can improve early detection of breast cancer by 20 percent, resulting in the early detection of up to 20,500 additional breast cancers each year.

"The company had done the tests to show CAD's potential to improve the ability to diagnose very early and very small cancers. We basically put it to the test in real-life situations," says Dr. Timothy

Freer, medical director of the Women's Diagnostic & Breast Health Center in Plano, Texas.

A radiologist, Freer was lead author of the study, which included routine screening mammograms on nearly 13,000 women.

"Of the 49 cancers we detected from those 13,000 screening mammograms, radiologists initially overlooked eight lesions until prompted by the CAD system, increasing the breast cancer detection rate by 19.5 percent," Freer said in a telephone interview.

Freer admits the computer screening system points out a lot of "suspicious" areas that turn out to be nothing, but says most of them can be quickly ruled out by the radiologist using the check system.

"It is clear the ImageChecker CAD system can improve the ability of the radiologist to detect breast cancer by pointing out an area that may have initially been overlooked."

He says that to improve detection, it is important that every mammogram first be read by a radiologist in the standard fashion, then the computer analysis conducted and reviewed by the doctor.

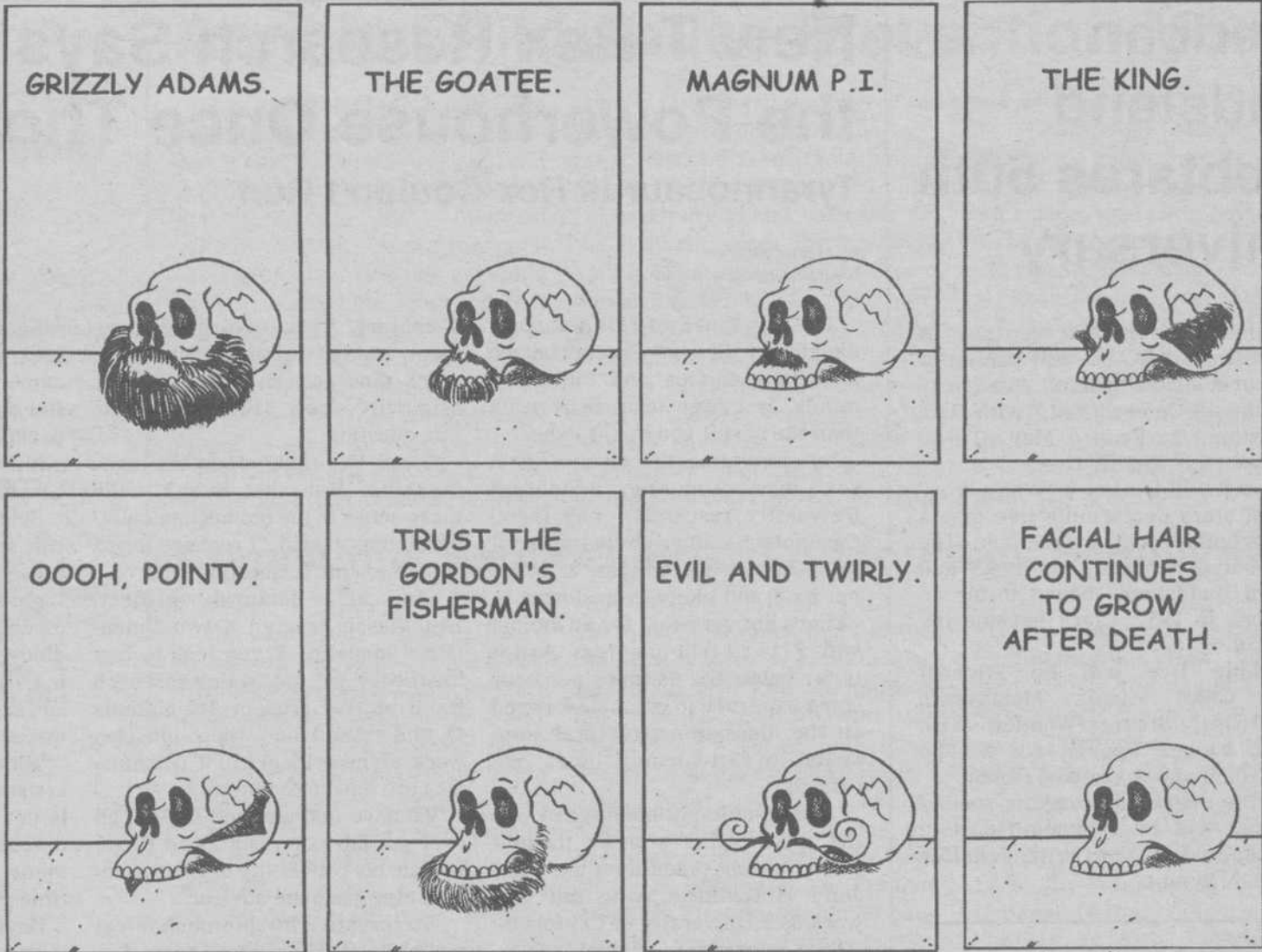
Dr. Penny Labor, a radiologist with the Kupferle Center, says the check system acts as a second radiologist to digitize and double-check films.

"One of the advantages of the system is that you can go back and look at previous films. If the computer sees the same abnormality four years in a row, it's probably not significant, but if there are changes in the tissue," you need to check it out further," Labor says.

While every mammogram made at the Kupferle Center and its outreach vans is double-checked with the computerized system, some insurance companies are not yet covering the technology.

comics and humor

THE ADVENTURES OF SKULY BY WILLIAM MORTON ©MMII SKULY'S FACIAL HAIR



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DITHERED TWITS by Stan Waling



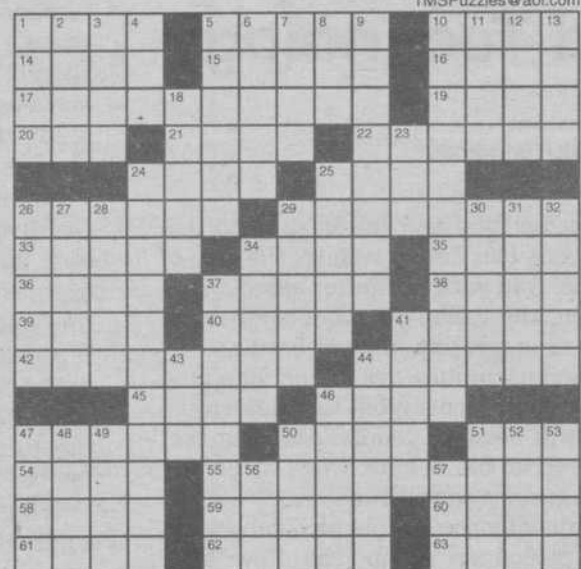
DITHERED TWITS by Stan Waling



The Daily Crossword Edited by Wayne Robert Williams

ACROSS

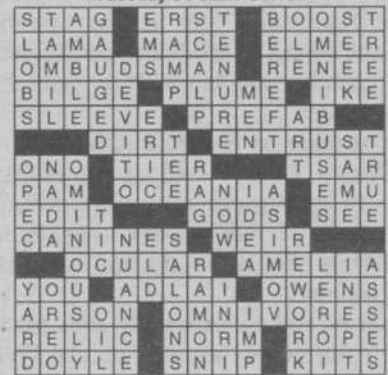
- 1 Shape
- 5 Tender spots
- 10 Infant
- 14 Mayberry kid
- 15 Fountain of coins
- 16 \_\_\_ Bator, Mongolia
- 17 Mulish
- 19 For both sexes
- 20 Compass dir.
- 21 Morays
- 22 Glacial ridges
- 24 Fill the hold
- 25 Cheongsam feature
- 26 Slow movers
- 29 Serial parts
- 33 Rings around the moon
- 34 Source of dietary fiber
- 35 Killer whale
- 36 Ugandan Idi
- 37 "The Lost Galleon" poet
- 38 Turn soil
- 39 Intertwine
- 40 Hematite and galena
- 41 Preview the answers
- 42 Appreciated
- 44 Sounds the alarm
- 45 Old
- 46 Rogers from the neighborhood
- 47 Houston team
- 50 Site of Napoleon's first exile
- 51 Exist
- 54 Tab's target
- 55 Having feet turned inward
- 58 Point of eating?
- 59 Inciter
- 60 \_\_\_ of Cleves
- 61 Copied
- 62 Prepares to lay



By Frances Burton Summerville, GA

4/17/02

Tuesday's Puzzle Solved



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4/17/02

- 63 I've \_\_\_ had!
- DOWN
- 1 Watch pockets
- 2 Unnamed work
- 3 Needle
- 4 Actor Gibson
- 5 Spirited mounts
- 6 Pope's fanon
- 7 Ohio team
- 8 Night before
- 9 Bench-jockey's location
- 10 Like beavers?
- 11 Soothing additive
- 12 1934-35 heavy-weight champ
- 13 Concludes
- 18 Cures
- 23 Bro's sib
- 24 Brave
- 25 Gaiters
- 26 Dishonor
- 27 Titles
- 28 Elite category
- 29 Was mistaken
- 30 Less humid
- 31 Success in spades
- 32 Mineral cathartics
- 34 Revealed
- 37 Like some yarns?
- 41 Spotless
- 43 Star quality
- 44 Bowers
- 46 Warships
- 47 Powell-Loy costar
- 48 Commit a gaff
- 49 Manner of speaking
- 50 Farm produce
- 51 Top-notch
- 52 Russo or
- Descartes
- 53 1955 James Dean movie, "East of \_\_\_"
- 56 Dander
- 57 Actor Hunter

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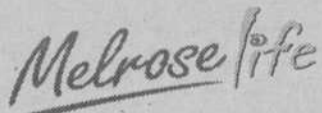


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## sports

## Carroll named 2nd team All-American by NJCAA

Parkland sophomore Jen Carroll, of Warrensburg-Latham, has been named a 2nd team All-American by the NJCAA.

Carroll averaged 14.9 ppg, 3.4 rebounds, 3.4 assists, and 2.3 steals for the 29-4 Lady Cobras this season. Carroll shot 34.4% from three point range and 75.5% from the free throw line.

## Parkland women's basketball post-season awards

The following awards were handed out at the basketball banquet held at Lincolnshire Country Club last week:

**Cobra Award:**  
Jen Carroll

**Most Valuable Player:**  
Beth Burke

**Most Improved Freshman:**  
Lindsay Stierwalt

**Most Improved Sophomore:**  
Patrice Lovelace

**Top Rebounder:**  
Darlene Tulua

**Best Free Throw Percentage:**  
Amanda Autrey

**Best Defensive Player:**  
Emy Logue

**Team Leadership Award:**  
EmyLogue

**All-Conference and All-Region Selections:**  
Beth Burke  
Jen Carroll

**2nd Team All-American:**  
Jen Carroll

**Region 24 Tourney MVP:**  
Beth Burke

**Region 24 All-Tourney:**  
Jen Carroll  
Darlene Tulua

**Team Summary:**  
29-4 Record  
Region 24 Runner-up  
Parkland Invitational Champion  
Mesa Invitational Champion  
CCCI Champions

## Cobras stumble on the road

By Adam Soebbing  
Sports Editor

The Parkland baseball team hit a bump on the road last Tuesday, splitting a doubleheader at the home of CCCI cellar dweller Spoon River.

Game one went as planned, with the #1 ranked Cobras jumping out to an 8-0 lead behind home runs from Mike Coles and Pat West.

Spoon River cut the lead to 8-6 on a grand slam, but Parkland pulled away with seven runs in the final two innings.

In game two, the Crusaders jumped out to an early 4-0 lead. Parkland fought their way back in, cutting the deficit to 4-3 before Spoon River knocked in four runs in the bottom of the sixth to close out the victory.

Parkland was plagued by six walks, three hit batsmen and three errors in the loss.

With revenge on their minds, the Cobras redeemed themselves Thursday when Spoon River came to town for a rematch.

Three runs in the first, three in the second and four more in the fourth led the Cobras to a 10-0 victory cut short by the ten-

run rule.

Dave Smith allowed two hits and struck out three for the victory.

Game two started much the same way, with Pat West, Ryan Marker and Ben Lee all driving in runs in the first inning, helping Parkland jump out to a 4-0 lead.

The Cobras never looked back as a solo shot from Dan Grant put the game out of reach for the Crusaders.

Mike Tomaszewski earned the win, pitching four innings allowing two hits and striking out six.

The Cobras were led at the plate by Marker, 5-6 2 RBI, Grant, 4-7 3 runs 3 RBI, and West, 3-7 3 RBI on the day.

**In other action last week:**

Last Saturday, the Cobras overcame a 3-0 first inning deficit to defeat Lincoln College 14-4.

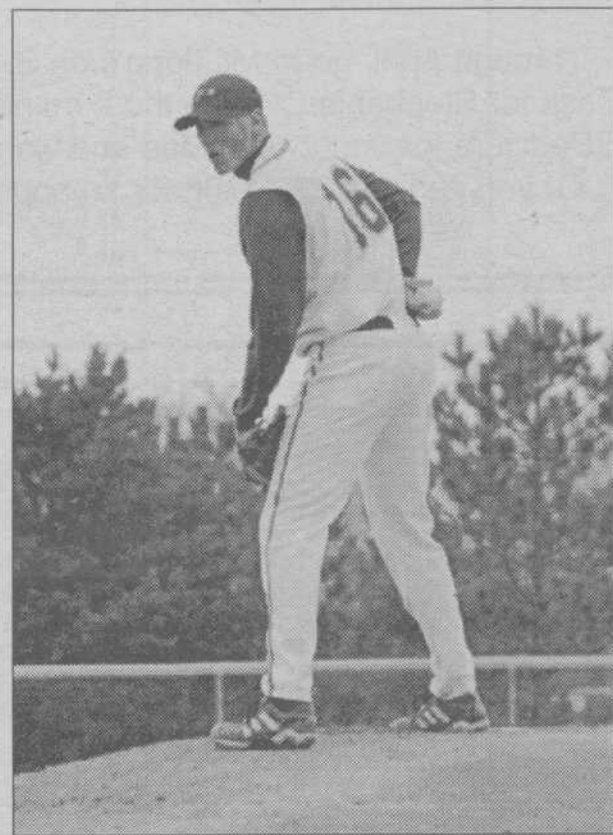


Photo by Andre Moraes

Parkland pitcher Micheal Stitz gets the signals in last Saturday's 14-4 victory over Lincoln.

Catcher Brent Heaberlin led the Parkland offense by going 4-4. Mark Colleran went 3-3 with four runs scored.

Up next for the Cobras is a home doubleheader with Danville on Thursday.

## Lady Cobras sweeping by



Photo by Andre Moraes

Parkland's Lacey Frankland prepares to take off on the pitch last Friday vs. Kankakee.

By Adam Soebbing  
Sports Editor

The Parkland softball team opened play last week by sweeping doubleheaders with Lincoln College and the Millikin JV squad.

Emily Alsup struck out twelve and allowed just one hit in game one with Lincoln for the Lady Cobras.

In game two, the Lady Cobra bats gave pitcher Haley Heiberger some insurance, putting up five runs in the first and six more in the fifth to shutout Lincoln 11-0 by the slaughter rule. Christie Wantland's grand slam in the fifth inning sealed the deal for the Lady Cobras.

The Parkland bats were impressive last Thursday, putting up 28 runs on the day against Millikin.

Erin James paced the Lady Cobras in game one. James went 3-4 with two runs and three RBI.

Rebecca Koets contributed two hits and three RBI's for the Lady Cobras 10-2 victory.

Game two saw Parkland jump out to 7-0 and 15-4 leads before winning the game 18-11 over the Big Blue. Kasie Stigers led the way for the Lady Cobras, going 4-4 with 3 RBI before making an early exit with a sprained ankle. Lacey Frankland, Sarah Shonkwiler, James and Koets chipped in with three hits apiece.

**In other action last week:**  
The Lady Cobras fell to third ranked Kankakee 3-2 and 1-0 last Friday in CCCI action.

Kankakee put up two runs in the first inning of game one and their only run in the second inning of game two and were able to hold off the Lady Cobras upset bid.

Jennifer Vandervort had two hits in the first game and Lacey Frankland had two in the second for the Lady Cobras.

## Cobra golf eyeing conference crown

By Kevin Ducey  
Sports Writer

The Parkland Golf team is in prime position to win the CCCI after two strong performances in their first two conference meets of the season. The Cobras are currently tied for first place in the conference with Illinois College.

The meet at Danville last Wednesday saw the Cobras take home a second place finish behind Illinois College. The team shot a cumulative 304 only seven strokes behind IC.

The Cobras were led at Danville by Josh Borchardt's impressive

one over par score of 73. The Cobras also saw strong performances turned in by Jason Holdren and Matt Golden, both shot 4 over 76's.

The Cobras followed up their strong showing at Danville with their most dominating performance yet.

At Weematuk Hills in Cuba Illinois on Saturday, Parkland shot a meet low 297, finishing seven strokes in front of second place IC. Matt Golden's performance at Cuba was just that, golden!

Golden shot a meet low 1 under par for a score of 71, his fourth straight impressive performance

as he proves to be one of the most consistent golfers in the area.

Golden, however, didn't carry the team by himself. Three other Cobras turned in scores in the 70's: Jason Watson shot a 74, Holdren a 75 and Craig Toler a 77.

The Cobras are now focused on the stretch drive of the conference season with just two meets remaining.

If The Cobras can continue to see such strong contributions from the likes of Holdren and Watson, as Coach Thom expected, The Cobras could be bringing home the conference crown in the upcoming weeks.