



On campus

Amazing pets

Dogs and cats are the predominate pet choices, here are some weird facts about each, just for fun.

World's fattest cat -

The world's fattest cat was a tabby named "Himney." When he died of respiratory failure he weighed a whopping 46 lbs 15.5 ounces! He had a 15 inch neck, was 38 inches long, and had a 33 inch waist.

World's largest dog -

The world's heaviest, as well as longest, dog ever recorded was an Old English Mastiff named Zorba. In 1989, Zorba weighed 343 lbs and was 9 feet 3 inches long from nose to tail!

World's smallest cat -

The world's smallest cat is a male blue point Himalayan-Persian named "Tinker Toy." He is just 2.75 inches tall and 7.5 inches long!

World's tallest dog -

The tallest dog on record was named Sharnog Danzas. He was 42 inches tall (at the shoulder!) and weighed 238 lbs.

World's oldest cat -

The oldest age that a house cat has attained and has been reliably documented is the case of a female tabby named "Ma." She lived to the ripe old age of 34!

World's smallest dog -

The smallest dog in history was a tiny Yorkie from Blackburn, England. At two years of age and fully grown this little dude was an incredible 2.5 inches tall by 3.75 inches long! He weighed only 4 ounces! He was approximately the size of a matchbox.

World's most "prolific" cat -

A tabby named "Dusty" gave birth to 420 documented kittens in her lifetime. Let's hope that nobody else attempts this record. Like Bob Barker says, "Have your pet spayed or neutered!"

source:
<http://zebu.cvm.msus.edu/~dawnobr/wel-come.htm>

compiled by Samantha Essid/Ron Norton

THE 411

Tomorrow's weather



53 32
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Kentucky Kernel

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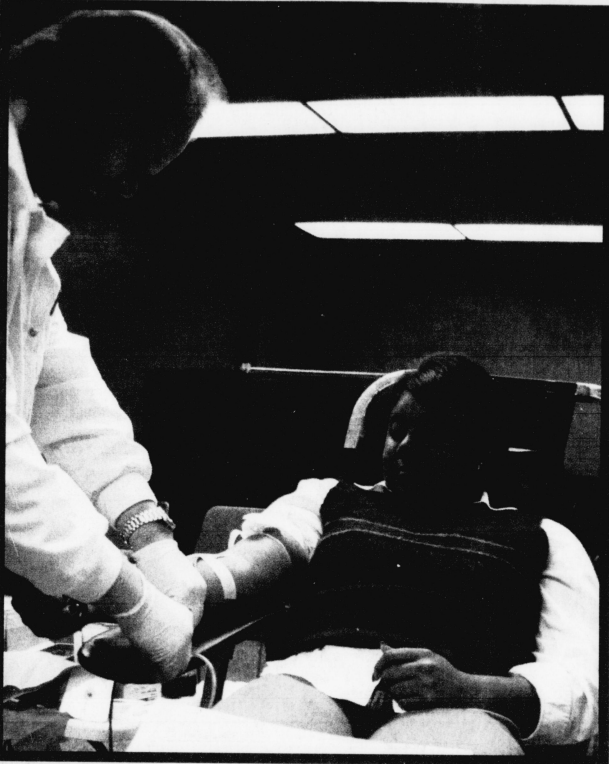
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November 16, 1999

PUMPED UP



ROB CORNWELL | KERNEL STAFF

Give it up

A student prepares to give blood in the 12th annual Big Blue Crush, a competition between UK and the University of Tennessee to see which school can donate the most blood in the week leading up to the Saturday football rivalry. Blood donated by UK students and fans will be collected by the Central Kentucky Blood Center. Since the competition began, there has not been a shortage of blood at the center.

FOOD

Festival all about flavor

By Leslie N. Ammerman
STAFF WRITER

Research done by the UK College of Agriculture will be put to fun and innovative use Thursday at the first annual Flavor Festival. Festivities include nine different informative sessions about food and cooking, ranging from the benefits of cooking with soy to flavoring food with herbs.

The Fayette County Extension Center, which is an extension of the UK College of Agriculture, is sponsoring the event.

"It (the festival) is a hidden resource of research-based information," said Daina Doggett, an agent for the center. "The center wants to share that information with as

many people as possible," she added.

The center gets information out to the community by consulting on agriculture and horticulture, running the local 4-H program and by holding events about nutrition, like the upcoming Flavor Festival, Doggett said.

Doggett also said that the program would be valuable for students. "It can help students become health-wise," Doggett said. "For example, the festival includes information about the great benefits to be derived from soy."

Despite the benefits Doggett mentioned, time constraints may keep student support of the Flavor Festival low.

"Most students don't have time to cook," said Ashley Hammers, a

political science sophomore. "Why would college students attend a program about culinary arts when we barely have time to cook spaghetti?"

"For the general public, this event would be worthwhile," said Ryan N. McKenzie, a computer science sophomore who agreed many students have little time for cooking.

Although student participation in the Flavor Festival may be low due to time constraints, the general public McKenzie mentioned seems to be greatly supportive of the event.

"The response from the community has been so good that we're already planning for next year," Doggett said.

STATE

Patton says gas tax will help budget

Legislators question how tight fund is

ASSOCIATED PRESS

FRANKFORT, Ky. — After months of floating a higher motor fuels tax without actually endorsing one, Gov. Paul Patton said on Monday that the way to make up a projected shortfall in the Road Fund is with a 7-cent per gallon tax hike.

Patton said the projects contained in the existing 6-year construction plan cost \$800 million more than the expected Road Fund receipts during that time. To make up the difference, Patton said legislators can take projects off the list, the administration can take projects off the list or more money can be added.

"I'm for building roads," Patton said in a brief interview. "I think we need more money. I think the preferable place to get it is with the gas tax because out-of-state people pay a third of that."

A 7-cent per gallon increase in the tax on gasoline and diesel fuel would raise an estimated \$196 million per year.

Kentucky's current gas tax is 15 cents per gallon. An additional 1.4 cents per gallon is added to pay into the fund that cleans up old underground storage tanks.

Kentucky's net tax of 16.4 cents ranks it the lowest among the seven contiguous states and 46th lowest among all 50 states. A 7-cent increase would move it to the 19th highest in the nation and third highest among surrounding states.

Kentucky's diesel fuel tax is 12 cents per gallon and

Patton said the increase should apply to that as well.

Monday, Patton did not directly tie an increase in the gas tax to the elimination of the state property tax on motor vehicles, as has often been done in the past. General Assembly members are almost certain to at least phase out the vehicle property tax, but proceeds of that levy go into the General Fund, not the Road Fund.

A Road Fund shortage was the reason given for a \$205 million bond issue that was floated by the 1998 General Assembly, so some legislators are skeptical of the shortfall that Patton and the Transportation Cabinet have been describing lately.

Sen. Bob Jackson, D-Murray, said he gets lots of calls from people who want their roads repaired or improved.

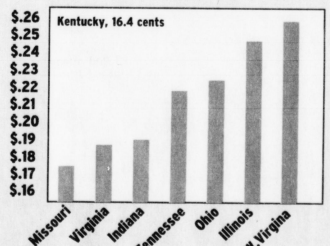
"I've not heard anyone call me and say 'Would you please add 7 cents to my bill at the pump?'" Jackson said. "I don't know if one will overcome the other."

Other legislators, while not exactly dismissing the idea of a gas tax increase, have insisted that it is up to Patton and his administration to prove the need for a higher rate.

"No compelling need has been demonstrated as of yet," said Rep. Harry Moberly, D-Richmond, the chairman of the House Appropriations and Revenue Committee.

The last general increase in the fuel tax was in 1986, when a nickel was added to the gas tax and 2 cents to the diesel tax.

Fuel Tax Rates In Surrounding States



UK researchers: More to soy than you know

Mark Fister
STAFF WRITER

The United States Food and Drug Administration recently authorized a health claim that links the consumption of soy protein with a reduced risk of coronary heart disease.

UK researchers from the Metabolic Research Group are currently continuing a study investigating other possible health benefits of the plant. Researchers have been examining how a diet of soy protein can be used as a substitute for medication for individuals with Type 1 diabetes, said Tammy Hanna, a graduate student in nutritional sciences who is working on the study.

"It's a lot more cost effective to prevent a disease than to treat it once it's become life threatening," she said. Hanna said that one-third of the people with Type 1 diabetes will develop kidney disease.

"There is medication," Hanna said, "but why not prevent it?"

A lot more scientists will be involved in studies of soy. Hanna said, now that they have heard of the health benefits.

Studies have shown that people consuming a typical Asian diet are at a lower risk for breast, prostate and colon cancer than people consuming a typical American diet. Western diets usually involve more animal products, more fat, less fiber and fewer complex carbohydrates than Asian diets, which are generally rich in soy foods.

The FDA's health claim will now appear on the labels of foods containing soy. This and the new-found health benefits should raise the demand for American farmers to grow soy, Hanna said.

"The demand for soy beans is going to grow substantially," Hanna said. "As people become more educated about soy, the demand for its products will rise."

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- TAMMY HANNA, GRADUATE STUDENT, NUTRITIONAL SCIENCES

Fun facts

Soybeans:

Soybeans were first discovered in Asia more than 5,000 years ago.

"Soybean" comes from the Chinese word ta-to, meaning "greater bean."

In 1997, soy food sales in the U.S. exceeded one billion dollars.

Over the past ten years, more than 2,000 new soy products have been developed.

Over 50 percent of people surveyed were willing to purchase meat containing soy.

Whole soybeans contain 40 percent protein.

Soybeans contain anti-cancer chemicals.

The next UK study on soy protein will focus on how a soy protein based diet affects kidney health in individuals with Type 1 diabetes.

Dr. Paolo Fantl and Dr. James W. Anderson are currently looking for potential research subjects.

For more information, contact Tammy Hanna at the UK Metabolic Research Group at 257-4058.

ALL THE NEWS THAT FITS

The Low-down

Momentum building in Belfast

BELFAST, Northern Ireland — Raising hopes of a breakthrough, American mediator George Mitchell said yesterday that Protestant and Catholic politicians are developing unprecedented "common ground" on how to govern Northern Ireland together. Speaking on the 11th week of his mission to resuscitate last year's Good Friday peace accord, Mitchell suggested that Sinn Fein, the Irish Republican Protestant party, now agrees with the major Army-linked party, the Ulster Unionists, that the IRA should start disarming "as quickly as possible." Mitchell, a former U.S. Senate majority leader, said all negotiators now agree that the new provincial government should be formed "at the earliest possible date."

U.N. dues deal praised

WASHINGTON — The Clinton administration claimed victory yesterday in a seven-year struggle to persuade Congress to pay millions of dollars in back dues to the United Nations, saying restrictions in the deal on backing for international family planning would have no practical effect. Secretary of State Madeleine Albright, who played a pivotal role in lobbying Congress from the time she was ambassador to the United Nations, said the compromise struck over the weekend with Republican leaders had bolstered U.S. national security. If, by January, the United States had not paid \$350 million of its arrears, estimated at \$1.3 billion to \$1.6 billion by the United Nations, it stood to lose its seat in the U.N. General Assembly.

Court on prayer at school games

WASHINGTON — The Supreme Court agreed yesterday to decide whether public schools can let students lead group invocations at high school football games. A Galveston County, Texas, school board is asking the justices to overturn a lower court ruling that student-led prayers over the public-address system at football games violate the constitutionally required separation of church and state. The justices' last major school-prayer ruling, in 1992, barred clergy-led prayers at public school graduation ceremonies. The court in 1962 banned organized, officially sponsored prayers from public schools.



THRILLER: Pop star Michael Jackson will star as 19th century writer and poet Edgar Allen Poe in a movie to be shot in Canada next year. Canadian movie officials said on Monday. 'Yes, it is in the air,' said Louise Lapointe, spokesman for Montreal's Bureau of Cinema and Television, which attracts movie shootings to the city of 3.5 million people.



THE CATWALK: Heather Locklear and Sean 'Puffy' Combs have been named as hosts of the VHI/Vogue Fashion Awards, which will take place at New York's Armory on Dec. 5.

Good day for Clinton foreign policy

ANKARA, Turkey — President Clinton, proclaiming "a very good day for American diplomacy," celebrated advances on China, Northern Ireland, Cyprus and the longstanding U.S. debt to the United Nations. Clinton opened a state visit to Turkey, a longtime ally he gently scolded for human rights problems but praised for its role as a force for peace in a troubled region of the world. The president's day began with an announcement from Beijing of a breakthrough deal to lower China's trade barriers against American businesses. Clinton welcomed American mediator George Mitchell's report that he was increasingly confident that the stalemate blocking Northern Ireland's peace accord would be broken soon.

N.H. age gap may help McCain

CONCORD, N.H. — Sen. John McCain is drawing much of his support in New Hampshire from older voters, according to two recent polls of people who plan to vote in the presidential primary, the nation's earliest on Feb. 1. That could spell trouble for Texas Gov. George W. Bush, the front-runner for the Republican presidential nomination. Bush is more popular with those under 45, but older people are more likely to vote. An American Research Group poll of 600 likely Republican primary voters last week showed McCain in a statistical tie with Bush for the first time, with Bush at 41 percent and McCain at 38 percent. The margin of error was plus or minus 4 percentage points.

Yosemite bear break-ins down

YOSEMITE NATIONAL PARK, Calif. — Incidents between bears and humans at Yosemite National Park dropped 60 percent last spring and summer after a yearlong blitz that included everything from bear-hating dogs to educational videos to bear-proof lockers. The strategy was simple, said Robert Hansen, executive director of the Yosemite Fund, a nonprofit organization that gave \$1.5 million to help bankroll the park's bear-control program. "Instead of trying to change the bear behavior," he said, "We changed humans' behavior."

Dow closes down 8.57

NEW YORK — Stock prices were little changed yesterday on the eve of the Federal Reserve's meeting on interest rates. At the close of trading on Wall Street, the Dow Jones industrial average was down 8.57 to 10,760.75. Advancing issues outnumbered decliners 1,671-1,418. The Nasdaq composite index slipped 2.19 to 3,218.96, its first loss since Nov. 9.

Martha Collins offers insight

Former governor shares experience of being first female Kentucky leader

Julie Williams
STAFF WRITER

Former Gov. Martha Layne Collins is putting out a call for more female participation in the political arena.

"We really need women in politics," Collins said to UK students, faculty and staff last Tuesday.

Collins said that women are needed to set an example for the future generations.

"I was a good governor," she said, "but being the only woman I had no benchmark."

Collins, who was elected governor in 1983 and served through 1987, focused on her experiences with being the first and only woman governor of Kentucky. She said other politicians always knew who she was because she was usually the only female in a room full of male politicians.

Collins joked that women make better politicians than men because they can do more than one thing at a time. She juggled the life of a mother and a politician simultaneously.

"Women have to be better prepared and know more," she said. "We have to make sacrifices and have a supporting family."

In addition to being governor, Collins has also been clerk of the Court of Appeals and lieutenant governor with John Y. Brown. Collins felt

that her previous experience and her visits to all 120 counties in Kentucky helped prepare her to be governor. She experienced first-hand the different needs of each and every county.

"Life is all about serving people," said Collins. "It's one thing to run, but it's another thing to serve."

Collins thought that one of her biggest accomplishments while governor was getting Toyota Motor Manufacturing to come to the area to build a plant in Georgetown in the late 1980s.

"I knew that I had to produce," Collins said. "My priorities were education and economic development."

Collins came up with a cabinet of people to help the Toyota project team and provide them with any information they might need.

"When the teams left Kentucky," Collins said, "they left with a lot of answers. We were competing with 20 other states, but Toyota came here."

Collins stressed the idea that men and women need to work together to come up with better ideas and legislation for the state, but she came back to the idea that women are really needed in politics.

"I'm trying to lay the groundwork for other women," Collins said in her closing remarks. "Listen to your gut, but work hard."

The fun starts here. New Hampshire rocks.

Tipper Gore, who turned in her husband Al's one-page filing form and \$1,000 fee that will place his name on the ballot for New Hampshire's first-in-the-nation presidential primary on Feb. 1.

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FOOTBALL

UK virgins on the gridiron

Festivity of firsts: Boys in blue set new numbers in Nashville

By Adam Spaw
SPORTSDAILY EDITOR

Any fuddled college kid who's ever trampled into UK's famed late-night burger bar can tell you exactly what a Ho-Virgin is.

The Ho-Virgin is a newcomer to the world of uncontrollable munchie-deposits involving greasy cheese fries, greasy quarter-pounders and artery-choking milk shakes. When the Tolly-Ho virgin proceeds to purchase his or her heart attack, a bell rattles while their name, followed by the tagline "Ho-Virgin!," is belted for all to hear.

Maybe it was the dry drive to Nashville or a previous night's trip to the Ho implanted in my brain — or just maybe, a Tolly-Ho employee actually made the trip to Vanderbilt Stadium on Saturday for UK's 19-17 win over the Commodores and sneaked into the press box.

In any event, it was in the corridors of press row where he kept announcing "Vandy Virgin!" for all to hear. It was insane. After nearly every play, I heard him ringing in my ears, "Vandy Virgin!" There were, after all, a number of Vanderbilt Stadium virgins on hand, a festivity of firsts in Music City.

Patrick Wiggins, Vandy Virgin! The UK sophomore strong safety made his first start of his career. He also made the first interception of his career. Wiggins described the whole experience as unimaginable and incredible. His hit on Vandy's Rodney Williams with 2:14 remaining caused the Commodores to fumble the football.

Anthony White, Vandy Virgin! The Wildcat senior halfback tallied up a 60-yard run, the longest of his career. After catching eight passes, White moved up to fourth in the Southeastern Conference record book for career pass receptions with 187, trailing former Wildcat Craig Yeast by 21 catches.



FILE PHOTO

Wildcat gunslinger Dusty Bonner didn't have a very impressive day versus Vandy on Saturday, but completed the longest touchdown pass of his career, an 80-yarder.

"A lot of people counted us out this season after losing (Tim) Couch and (Craig) Yeast," White said. "We came out with something to prove, and we could end up with the same record we had last year."

Dusty Bonner, Vandy Virgin! UK's gunslinger completed the longest touchdown pass of his career, an 80-yard cross pattern play to Quentin McCord on a third down and 11. Bonner completed 14 of 31 passes for a season low 141 yards.

"Dusty wasn't particularly sharp," UK head coach Hal Mumme said. Regardless, Bonner was enthused because his team is going bowling.

"This is awesome," Bonner said of the Cats' long-awaited and highly coveted sixth win. "This is just a great team to be on."

Quentin McCord, Vandy Virgin! UK's junior receiver caught the longest touchdown catch of his career, an 80-yarder on a pass from Bonner late in the third quarter to put the Cats up nine.

"Quentin is a guy who can get

out of a jam," Mumme said. "He can beat a guy off the line of scrimmage. Our other wide receivers, most of them are as talented as Quentin, but they're not as experienced, so they tend to get out there and panic a bit when they come up in their face."

James Whalen, Vandy Virgin! UK's record setting tight end had a season first — he didn't come up with his first catch until the closing minutes of the third quarter. Bonner's favorite target chalked up a season-low three grabs for 11 yards.

"They held him a lot," Mumme said. "It was different from what we've been seeing. They doubled him on every play."

Dennis Johnson and Otis Grigsby, Vandy Virgins! The two Wildcat defensive ends teamed up to force a third-quarter safety. UK's first since the South Carolina game in 1998. Johnson finished with seven tackles, three tackles for loss and two sacks.

1999 Kentucky Wildcats, Vandy Virgins! The Cats will be going to back-to-back bowls for the first time since the 1983-84 season.

MATCH-UPS

Look out for frustrated UT

Wounded animals: Tennessee out for blood after loss to Arkansas

By Matt May
SENIOR STAFF WRITER

Nothing is more dangerous than a wounded animal.

Worse than that is a wounded defending national champion who just suffered a shocking defeat to end hopes for a second title.

Heading into Saturday's regular season finale, UK finds itself staring at the worst-case scenario for facing arch-rival Tennessee: having to beat a Volunteer team looking to atone for an upset loss at Arkansas last weekend.

"I think our team understands we lost an opportunity at Arkansas," Tennessee head coach Phillip Fulmer said. "I would expect our kids will be ready to bounce back and be hungry for a win."

That's bad news for a UK team hoping to score an upset of their own on Senior Day in Commonwealth Stadium. The Cats are hopeful that the Volunteers take a little too long in getting over the 28-24 defeat.

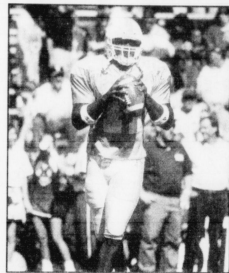
"It shows they can be beaten," UK head coach Hal Mumme said. "But (losing) works in Tennessee's favor. They still have a chance at a BCS bowl. Their backs are to the wall."

While the Vols lost a chance to stay in the title hunt, UK took care of business over the weekend, defeating Vanderbilt to give the Cats six victories and all but assure themselves of a second-consecutive bowl appearance for the first time in school history.

The win over the Commodores was not without its bad breaks, as UK will face the deep and talented Vols without a slew of starters on both sides of the ball, including its best cornerback, Eric Kelly, who was added to the list with a hamstring injury.

Despite the injuries, Mumme is happy with the play of guys nobody expected to contribute, namely Anthony Wajda, Otis Grigsby and this week's Southeastern Conference Defensive Player of the Week, Patrick Wiggins.

"One of the great things about being a coach is seeing young guys set goals and try to achieve them,"



FILE PHOTO

Rocky Tops

Tookie Martin and his Tennessee Volunteers' recent loss could be bad news for the Cats.

Mumme said. "You see guys who aren't household names even brought up in the meeting room at the end of the year making plays."

A load of plays will need to be made Saturday to slow the Vols, a team that averages 392 yards a game offensively. Both Mumme and tight end James Whalen said limiting Tennessee's big plays and staying close entering the fourth quarter will be keys to beating the Vols for the first time since 1984.

"They have depth everywhere," Mumme said. "But they let Arkansas stay in the game and at the end they looked like they couldn't believe they were behind."

"Tennessee is a great team," Whalen said. "They are used to being up, but when it was a close game at the end, they looked confused. If we can rein in the ball and keep it close going into the fourth quarter, it's anyone's ball game."

That means a strong defensive effort from UK is a must, even if Tennessee doesn't see the Cat defense as being much better than the two units it has torched for 59 in each of the last two seasons.

"I think I said they were playing well, not much better," Fulmer said.

Looks like the wounded animal is ready to attack.

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ART

The real bone collector

UK employee takes old bones and transforms them into beautiful art

By Amanda York
ASSISTANT NEWS EDITOR

When Bobby McRay tells people what he does in his spare time he often gets a mixed reaction.

Bobby McRay works as a janitor in Holmes Hall during the day and makes sculptures from bones in his spare time. That's right, bones. Not human bones but cow bones.

The bones McRay molds into animals, houses and other objects are similar to the story of his life. The bones start out as rough, but through a series of transformations end up smooth and beautiful.

McRay grew up in a rough neighborhood in New York.

"There was no grass in my neighborhood growing up. We called it the glass lot because of all the broken bottles in the parking lot."

His father was the first person to expose him to bone sculpting.

"My father brought a bunch of bones to the house and I thought it was for bone soup. He made me and my brother sit and watch him sculpt the bone. It was the most beautiful thing I had ever seen."

Even though McRay was exposed to the art of bone sculpting at an early age he didn't begin the craft until later in life. McRay devoted 12 years of his life to the military. After the military, he moved to Kentucky. In February of 1994, McRay robbed Kentucky Finance and served time in prison.

While in prison, McRay's father died. McRay said the death of his father shed light on the errors of his life and made him determined to change.

"I had to use my head and make good of it. I have to change my prison background. My number is 117633 for the rest of my life."

After finishing his sen-



MELISSA PATTERSON | KERNEL STAFF

Them bones

Sculptor and UK employee Bobby McRay shows off some of the wonderful and elegant pieces he has carved from ordinary bones over the years.

ence, McRay began bone sculpting. He used his head and hands to mold beauty into the bones as well as into his life. He sees bone sculpting as a way to honor his father.

"It's a tribute to my father. When I sculpt I can feel his spirit. He's telling me to cut this way and that way."

McRay's wife, Kris, said it was difficult to get people to take his art seriously in the beginning.

"It took awhile to get started," she said. "It was like trying to get a job and nobody answered the door. I had to keep my spirits up to keep him strong."

Kenneth Brooks, executive director of the Heritage Art Center, saw McRay's sculptures

and immediately took them seriously. Brooks said McRay's enthusiasm caught his attention.

Brooks also said the Heritage Art Center found McRay's work interesting because of the way he acquired his skill from his father.

Brooks said McRay's sculptures are unique because he transfers the things that are interesting to him onto the bone. Despite the shocked expressions and questions McRay deals with when he tells people his hobby, he said he enjoys displaying and explaining his work.

McRay amiably played with the bone carved initials bearing his logo draped around his neck and said, "This is the big time. I'm the Bone Guy."

FILM

'Messenger': style over substance



PHOTO FURNISHED

In the latest Joan of Arc film, *The Messenger*, Milla Jovovich shows that even if she can't really act, she is still hot, even when she's wearing a suit of armour and has a haircut like a little boy.

New film sacrifices depth and substance for the sake of flashiness and style

By Matt Mulcahey
ASSISTANT ARTS EDITOR

Shouldn't the point of a biography be to learn about the person being portrayed and gain a better understanding of their motivations and feelings?

Apparently French filmmaker Luc Besson doesn't think so. In his overblown, overlong attempt to pay tribute to Joan of Arc, Besson gives no insight whatsoever into the French heroine who led an army to victory and was burned at the stake at the age of 19.

The only thing *The Messenger* does confirm is that Besson hasn't grown out of his style over substance approach to filmmaking as seen in *La Femme Nikita* and *The Fifth Element*.

The first half of *The Messenger* is merely a futile attempt to one-up Braveheart in bloody battlefield exploits. Joan wants to lead the French army into battle against the English because God came to her in a vision. How does this effect Joan internally? Besson doesn't care as long as he gets to cut off some people's heads in creatively medieval ways.

After an hour of almost non-stop bloodshed, the movie slows to a crawl when Joan is captured by her enemies and put on trial for heresy. After spending the entire film relying on the authenticity of Joan's visions, *The Messenger* does a 180 and questions whether the visions were merely apparitions. This wouldn't be so bad if Besson gave us his opinion earlier in

the movie. While Besson must be given credit for the attention to detail he places on the production design, with every costume and set extra perfectly placed, he can't be forgiven for two fatal errors in casting.

First, Besson cast the talent-impaired Milla Jovovich in the lead (I'm sure that the fact that they were married before filming had nothing to do with it). Jovovich's prior roles basically required her to stand around with a vacant expression and look pretty, preferably with as little clothing as possible.

Second, Dustin Hoffman shows up as Joan's conscience. As great of an actor as he is, there's just something about his voice and demeanor that is inescapably late 20th century.

A story as unique as that of Joan of Arc deserves much better than this.

Rating: C-

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The battle among corporate giants

Naming America's corporate bigwigs

In light of the government's antitrust lawsuit against Microsoft, a corporation with \$11.4 billion in sales and of course one of the business empires of this century, one wonders who have been the other major players this century.

USA TODAY turned to five of today's foremost business thinkers and authors and put the question to them.

Their answers are below including the top companies, the year they were born and why they were chosen in the top ten:

1. General Electric

Year created: 1892
"GE is the New York Yankees of the century," said panelist and Harvard professor Rosabeth Moss Kanter. As the only company who was on the original Dow Jones that's still in existence, GE is extremely adaptable.

2. Ford

Year created: 1903
Ford did three things that were among the most dramatic developments in business this century: created the assembly line, and paid his factory workers \$1 a day, far above the prevailing wage and introduced in 1908, the first car for the middle class, which famously changed the nation.

3. IBM

Year created: 1911
IBM's shining moment came in 1964 when then CEO Watson practically bet the company's future on a vast new line of computers called the 360. They were the first computers that could be upgraded as a company grew, and businesses loved it. The 360 vaulted IBM far past competitors.

4. Wal-Mart

Year created: 1950
Gaining its strength and numbers by opening in small southern towns, Wal-Mart invented new management models, excelled in customer-friendly service and treating employees well and community involvement, Kanter said.

5. General Motors

Year created: 1908
Then president Alfred Sloan preached and perfected decentralized management, letting the various divisions design, build and sell their own cars, creating a swarm of competing products to battle Ford and Chrysler. In the 1930s, GM took industry dominance from Ford.

Sources: www.fordes.com/tool/toolbar/fillins/richmain98.asp?value2=8995, www.usatoday.com, www.ibm.com, www.microsoft.com

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IN OUR OPINION

Invading privacy

New computer programs help employers keep an eye on employees' computer usage

The use of software by companies to monitor the computer habits of their employees ensures that workers do not abuse company property and time. Such monitoring does not invade one's privacy when the computer being used was provided by an employer for work.

WinWhatWhere is the latest software program available to monitor daily computer activities. Corporations such as the US State Department and Ernst & Young or a curious spouse can keep track of every keystroke punched, every Internet site visited, every email received and every amount of time spent on a computer. An everyday user will not be able to detect monitoring because it does not appear in the task list and most do not know to look for it.

We are in the information age that enables anyone to find out personal information via the Internet. The use of this program is controversial because many feel it violates privacy rights. By using the program, opponents say, employers are showing a lack of respect to their employees.

Tracking questionable work performance is perfectly acceptable to ensure high work ethics and performance. Currently, 63 percent of employers are

finding the need to use such programs. Employers want a guarantee that the tasks being put before an employee are completed precisely within a specific time frame and that during hours of operation, business matters are the primary thought. This program will help pin point who is responsible for misusing business materials and allow employers to confront those abusing the system with supportive evidence.

Ideally, the employer should inform everyone that business operations on the computer are being monitored and that the sole purpose for this monitoring is to improve working relationships and production.

Monitoring is not an invasion of privacy but a means of assuring quality work is being done on company property and time. When an employer provides tools to complete tasks, the employee is expected to utilize those tools for business purposes only. Obviously there must be a tremendous amount of suspected abuse occurring for employers to take such drastic measures.

As for the curious spouses' maybe they should stick to hiring Magnum P.I. or confront what they feel to be questionable activities.

Harvard Crimson

GUEST EDITORIAL

Lack of funds cuts Dole out

Elizabeth H. Dole, the first serious woman candidate for a major party's presidential nomination, is out of the Republican race. In the face of front-runner George W. Bush's overflowing campaign coffers, the former Red Cross president decided to end her campaign before the primaries even started. Dole had raised a paltry \$4.7 million, in comparison to Bush's \$60 million.

Dole's departure means, among other things, that the only GOP candidate willing to stand up to the party's anti-gun control orthodoxy is out of the picture. In May, Dole said she would retain the assault weapon ban and support the prohibition of armor-piercing bullets.

Aside from her views on gun control, though, Dole's platform was nearly indistinguishable from Bush's, and just as ill-defined. Dole avoided making specific proposals, instead taking such glib stances as supporting school discipline. Dole's departure from the race is still troubling, if for no other reason than because she made her decision before a single vote was cast.

She is the fourth Republican candidate, after John Kasich, Dan Quayle and Lamar Alexander, to leave the race so early. Realizing they would have trouble getting their message out to voters, all cited Bush's mound of cash as one reason they quit the race.

For the Republicans and the Democrats, the massive amounts of money now being pumped into the presidential campaigns is stifling the primary system. The whole point of primaries is to put the nomination in the hands of the voters, not the party

establishment. When candidates' ability to milk party donors weeds out candidates instead of popular opinion, the system is broken.

Money should not be the determining factor in deciding who will win the nominations or the presidency. It is bad for the country and bad for democracy. More than ever before, we need campaign finance reform to curb the influence of money and special interests on our elections.

The McCain-Feingold campaign finance legislation defeated in the Senate recently would not have helped Dole. That bill aims to ban soft money, unlimited donations to political parties. If Sens. John S. McCain (R-Ariz.) and Russell D. Feingold (D-Wisc.) can somehow overcome a GOP filibuster next time the bill is introduced, the next step should be to consider public financing of federal elections and primaries.

Already, the states are making moves in that direction. Voters in Massachusetts and Arizona last year passed ballot initiatives setting up systems of public financing for state elections.

These rules ensure that every candidate with demonstrated popular support will have the funds he or she needs to run a campaign. If the federal government catches on, candidates like Elizabeth Dole who must run without the support of well-heeled donors might get a fair hearing next time, too.

This Harvard Crimson Editorial does not necessarily represent the views of the Kernel.

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Length & style

Letters should be approximately 250 words; guest opinions should be no longer than 600 words.

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Include your name and major classification (for publication). For verification include your address and telephone number, which will be kept confidential.

The Kernel reserves the right to edit all material received.

Erin Seemueller

GUEST COLUMNIST

HES working for strong families

This week in Kentucky is Family Week and the week of Nov. 22-26 is National Family Week. These weeks are designed to reinforce and encourage healthy family life by recognizing and appreciating families' roles in caring for individuals, thus contributing to a strong community.

As a senior in UK's family studies program, I am well aware of the positive contributions a strong family can have on its members. I am very lucky to say I come from a very caring, loving and supportive family. We are far from perfect, but every member of my family sees the other members as a top priority. My strong family comes not from luck, but is a result of generations of hard work and dedication.

I am about to enter the real world after graduation, and according to most people's standards, I will be an adult. So, it is now that I can look back and feel even more blessed to have the family I do. My parents were there for me when I called home crying because I had gotten a lower-than-expected grade on my big exam.

My mom still sends me good luck packages full of candy during finals week. Of course, they all made an effort to lend me a supportive ear after I broke up with my first love. They are the reason I am where I am today. My family has provided me with the motivation to jump the hurdles and reach my goals.

I am very excited to be entering the work force soon, where I hope to obtain a job helping others create strong families of their own. I realize that every family is not like

mine. Other people may have a different definition of what makes a family strong. If you wish to attempt to make your family stronger, here are some tips from the Families Worldwide organization.

1. Show caring and appreciation. Even when members of a strong family make mistakes, they find ways to support and encourage each other.

2. Stay committed to your family. This can be done by placing value on your family's traditions.

3. Strong families communicate. They take time to listen and respond to each other. A good example of this is in the movie The Story of Us. The members of that family share their day's best and worst moments.

4. Draw upon the community. If a strong family is having a hard time dealing with a problem, they will ask for outside help.

5. Strong families work together. They solve problems and do family work together.

6. Work for flexibility and openness to change. Families must be able to adapt to new needs and circumstances.

The most important thing is to sit down and identify your family's strengths. Then celebrate them. From the foundation of existing strengths, you can work to form new ones.

Have a happy Family Week!

Guest columnist Erin Seemueller is a family studies senior. Her views do not necessarily represent those of the Kernel.

READERS' FORUM

Expressions

ACLU's right in slogan suit

To the editor:

To understand why you are wrong in your editorial of November 11, 1999 ("Religious quote OK") you simply have to ask yourself one question: If the plaque stating "Through God, All Things Are Possible" is as innocuous and trivial as you claim, why did Ohio spend taxpayer money putting it up? The answer is, of course, putting religious slogans and mottos up from the Book of Matthew, no less is part of movement to push the Christian religion further into American public life and to make it clear that those who don't believe should get with the program.

A government doesn't usually run into trouble with the ACLU unless it takes an action to insert particular religious beliefs into the public arena. If you think this is a battle that ACLU always wins (it has "far too much confidence" you said), consider that a half century ago we got "under God" put in the pledge and "in God we trust" placed on the money, over the objections of many of us who think it not only inappropriate, but unconstitutional. Those "quotes" create a climate that is very uncomfortable for some people. I recall how miserable I felt as a second grader when I was the only student who could not raise his hand when a teacher asked, on Monday, "Now who went to church and Sunday school yesterday?" What makes a teacher bold enough to ask such a question? Partly the religious climate, created by slogans such as the one you consider "trivial."

You say ACLU should focus on more "substantive violations" of the Bill of Rights. The reason ACLU doesn't let this sort of thing slip by is that, to use your argument, those who are pushing for more Christianity in the country might someday might get "far too much confidence" and ask for the Constitution to be changed. They could say "After all, look at our public spaces and activities. Obviously we are a Christian nation. Let's just make Christianity the official religion of the United States."

MICHAEL KENNEDY
ASSOC. PROFESSOR, DEPT. OF GEOGRAPHY

Quit being lazy, students!

To the editor:

How lazy are some college students? From the actions I have witnessed over the past couple of weeks, pretty lazy. I am referring to individuals who push the handicap buttons that cause doors to open automatically, allowing those with disabilities to enter and exit a building easily. The individuals mentioned have no handicaps that prevent them from opening the doors using the handles, yet they still require the button. Why? These people are just too lazy. Hello people! How hard can it be to grab a handle and pull?

I have seen cases where students push the button, then immediately pull the door open. I am at a loss for what the purpose of this action is, for it only wastes time to push the button first. Another senseless act is punching the button as though it were a boxing opponent. These actions are good ways to screw up the system so that those who need the automatic door won't have it, thus having difficulty getting in and out of a building.

The handicap buttons were installed to help those with disabilities get through a door easily. They take effort to study and get an A. It takes effort to call up that person who has caught your eye and ask them out. For that matter, it shouldn't take a great effort to grab a door handle and pull.

SHANNA SHULER
UNDECLARED SOPHOMORE

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URGENT CHILDC

THE FINAL FRONTIER

Hubble on the rocks

Stay focused: Malfunctioning gyroscope brings operations to a grinding halt

ASSOCIATED PRESS

CAPE CANAVERAL, Fla. - The Hubble Space Telescope went into hibernation over the weekend, its astronomical observations halted, when one of its pointing units failed, NASA said today.

The telescope will remain in this so-called safe mode, which is akin to being asleep, until space shuttle astronauts arrive to install new pointing devices, or gyroscopes, and other crucial replacement parts. The mission is set for next month.

The gyroscope, needed for aiming and holding the telescope steady, "just stopped in its tracks" on Saturday morning, said John Campbell, NASA's Hubble program director. The unit had been acting up for the previous 12 hours,

becoming less and less accurate in its guidance, he said.

It was the fourth of six gyroscopes to fail on Hubble. A minimum of three are needed in order for the telescope to conduct observations.

When the gyroscope failed, Hubble's computer sensed the problem and ordered the aperture door to be closed, Campbell said.

"It's quite safe," he said. "We're not doing science, so the power load has been reduced. But everything is quite OK."

Campbell said "it could have been a lot worse," considering that the next Hubble servicing mission originally was set for June 2000. The flight was split into two, and the first part scheduled for this fall, when the third gyroscope failed in February. Hubble was launched in

1990. Four of the six gyroscopes were replaced during the telescope's first repair mission in 1993. One gyroscope failed in 1997 and a second in 1998. Corroded wires were believed to be the problem.

"We all hate sitting here not doing science, but it's better than it could have been," Campbell said.

Space shuttle Discovery and its seven-man crew will take up six new gyroscopes, as well as another data recorder, radio transmitter and improved computer. Liftoff is targeted for Dec. 6, almost two months late because of shuttle wiring repairs and an engine replacement.

"We're certainly more anxious for (the mission), that's for sure," Campbell said.

NASA never built the computer software that would have allowed Hubble to work with only two gyroscopes.

"We had never seen a way that we could do science" with two gyroscopes, Campbell said. "So we designed it that if we

were going to have less than three, that the easiest thing to do was to build one safe mode that required none."

The two remaining gyroscopes were working fine, Campbell said.

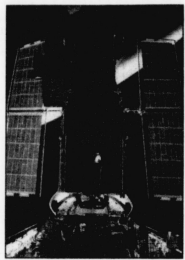


PHOTO FURNISHED

The trouble-plagued Hubble Space Telescope is having yet another technical difficulty, a faulty gyro.

Meteor showers tonight, tomorrow

ASSOCIATED PRESS

SPRINGFIELD, Mass. - Amateur astronomers anxiously scanned the weather forecasts Monday in preparation for what could be a spectacular meteor shower.

This year's Leonid meteor shower is expected to peak on Tuesday and Wednesday nights. Although the best watching is forecast for North Africa, the Middle East and Europe, astronomers say sightings also could abound for sky watchers along the East Coast.

The National Weather Service predicted some cloudiness across much of the Northeast on both nights, but skies are likely to be mostly clear from New York City south.

The meteor shower is made up of a hail of dusty, icy rubble thrown off by the Tempel-Tuttle comet as it races around the sun. When the Earth's orbit carries it into the path of these cosmic pellets, they burn up in the atmosphere in a display of shooting stars.

Some astronomers predict that this year's display could

send 2,000 or more meteors blazing through the atmosphere every hour in the liveliest display since 1966, when it peaked in a storm of 144,000 per hour. A typical year might yield just 20 per hour.

This week's show may also be the best for decades to come because a combination of irregularities in Earth's orbit and Jupiter's powerful gravitational tug is likely to keep our planet out of the thickest part of the comet debris.

Tom Whitney, an astronomy buff in Amherst, said he plans to head out Wednesday evening to a nature preserve near the Berkshire Mountain town of Cummington, away from the bright lights of the Connecticut River Valley.

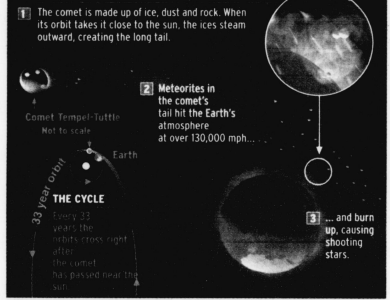
"I've looked at the Leonids over the last several years — and they've been very disappointing," he said.

Astronomers recommend a viewing spot with a low horizon. The shooting stars can appear anywhere, but are mostly likely to show up from the direction of the constellation Leo, above the horizon in the east-southeast.

Star light, star bright

Every year between Nov. 16 and 18, the night sky lights up with shooting stars known as the Leonids — so-called because they appear to emanate from the constellation Leo. Every 33 years, this meteor storm is more dramatic. Scientists predict that this should be a good year. Here's a look at why.

WHAT CAUSES THE METEOR SHOWER?



WHO WILL SEE THEM?

The best predicted viewing will be Western Europe, the Mediterranean, North Africa and the Middle East. In North America, the Eastern Seaboard may see some depending on the timing of the peak.

Scientists currently expect the peak just before 2 a.m. London time on the 18th.

DO THEY POSE A DANGER?

As a precaution, the nearly 600 orbiting satellites are rotating solar panels and sensitive optics to avoid hits. NASA is postponing space shuttle flights until after Nov. 19.

CAN YOU SEE IT ON THE WEB?

NASA is launching a weather balloon with a video camera for a live webcast at <http://www.LeonidsLive.com>

Source: Sky & Telescope; NASA

Atmospheric expansion caused by coronal holes

NASA REPORT

Beginning in late September, a continuing series of minor to moderate geomagnetic storms have triggered aurorae along the northern tier of U.S. states and may have affected some public power systems operating at high northern latitudes. These events were caused by high-speed material streaming out from arcs on the sun known as coronal holes.

This week, more of the same can be expected as another coronal hole rotates into position to send high-speed solar wind particles toward our planet. Space weather forecasters expect moderate levels of aurorae, shortwave radio disruptions, and power grid fluctuations at high latitudes for at least the next three days.

The recent increase in geomagnetic activity offers a taste of things to come as the Sun approaches the maximum of its 11-year sunspot cycle. As sunspot numbers mount, coronal mass ejections and solar wind disturbances will trigger more and more geomagnetic storms. In extreme cases, these storms can induce electric currents in the earth and oceans that interfere with electric power transmission equipment.

The extra ultraviolet (UV) and X-ray radiation created by magnetic fields around sunspots also cause the Earth's atmosphere to heat up and expand. This creates added drag in the area where low-earth orbit satellites and the Space Shuttle orbit. Solar flares and ener-

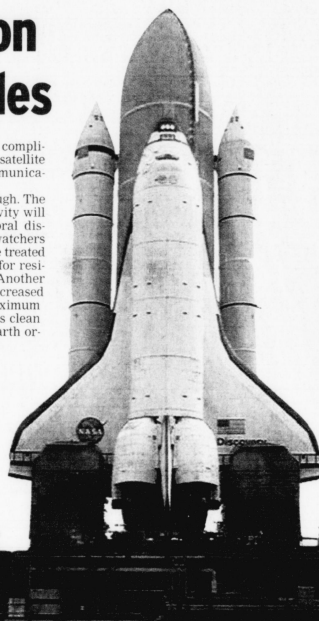
getic particle events further complicate matters by interrupting satellite and shortwave radio communications.

It's not all bad news, though. The increased levels of solar activity will likely trigger dazzling auroral displays at mid-latitudes. Sky watchers in the continental U.S. will be treated to sights normally reserved for residents of higher latitudes. Another piece of good news is that increased atmospheric drag at solar maximum acts as a scavenger and helps clean out space debris from low-Earth orbit.

What a drag

Expansion of the Earth's atmosphere will create extra drag on Shuttle missions in the future.


PHOTOS FURNISHED



NOV 16 1999

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1999 Edition



what you
don't know
can hurt

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This is an advertisement from Human Life Alliance.

Because the academic setting is an ideal place to freely discuss all important ideas and issues of our time . . .

Because women are left to deal with abortion as if it were a casual experience, denied the chance to express their pain, or grieve their loss . . .

Because women are being hurt and women are dying from "safe/ legal" abortions . . .

Because every human being is valuable...

Because what you don't know can hurt...

Publisher

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Letters to the Editor

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out speak

When My Girlfriend Got Pregnant

Rarely is the male's side of the story explored. Many of the same emotions felt by the would-be mother are also felt by the would-be father. I am speaking from firsthand experience. My girlfriend became pregnant when we were 18 years old. This fact was concealed from me until after the pregnancy was already terminated...

Our relationship deteriorated in the months after because of behavioral problems not unlike those mentioned in the insert. For many months, and even years, after this experience I sometimes try to imagine what our child would look like. What would be his or her name? Would I be a good father? These and many others are the questions that still go through my mind.

I am not suggesting that my pain, or any pain felt by males, can equal that of the female, but it should be addressed. After all, abortion is an issue that touches us all.

William Wheeler

What's So Awful about Options?

The reaction by many to last week's insert on abortion is very telling. Some attempted to censor the insert. Others, profoundly disturbed by the biological facts of fetal development, could not look through the ad.

To those who decried the insert I ask, what is so awful about a mother changing her mind and deciding to keep her baby? Why do your abortion lobbies oppose informed consent, a standard practice for every other intrusive medical procedure? What offends you about pregnancy care centers? The information can only help women make a fully informed decision. The reaction to the insert confirms once again to me that the activists on the abortion issue are not "pro-choice" but fully pro-abortion.

Kristian M. Dahl

Someone Understood My Pain

Your supplement caught my eye. With the heavy guilt of an abortion 13 years ago, seeing a pro-life insert was a life-saver. The supplement was an instrumental tool in helping me gain a deeper perception of abortion and inspired me that there are people out there who understand my pain. The testimonies gave me hope and moved me to push forward with the healing process. I want to continue the healing and eventually speak publicly about abortion and the reality of its consequences.

Sandy M.

For Pregnancy Care:

1-800-866-4666

For Help after Abortion:

1-800-5-WE-CARE

The Semantics Game: Soundbites in Perspective

Soundbite: *I believe in a woman's "right to choose."* Choose what? - vanilla or chocolate ice cream? In the abortion issue, the choice is to either give the child the gift of life, or choose to have the unborn baby put to death! Abraham Lincoln once said, "No one has the right to do what is wrong." Should a child's life hanging in the balance be reduced to a legal "choice?"

Soundbite: *I wouldn't have an abortion myself, but I wouldn't interfere with another's right to have (or to "choose") one.* What if the abolitionists had bought this rationale? Would slavery have ever been banned? An analogy could be: *I wouldn't use cocaine or excessive alcohol myself, but I wouldn't interfere with a pregnant woman's right to do so.* Does a developing baby have a right to be protected from fetal alcohol syndrome? - from an untimely death?

Soundbite: *If abortion becomes illegal, women will resort to back alley abortions again.* The truth of the matter is that in 1972, the year before abortion was legalized in all 50 states, 39 women died from illegal abortion, but, in the same year, 25 women died from legal abortions (available in two states). To study an depth examination of this issue refer to our web site (www.humanlife.org/illegal) for the comprehensive statistical compilation by Dr. Jack Willke from his new book, *Why Can't We Love Them Both*.

Soundbite: *Every child should be a wanted child.* There may be unplanned pregnancies, but there is no such thing as an "unwanted" baby. Over 2,000,000 eager couples are waiting to adopt. Abortion advocates had argued that if every child were "wanted" there would be no more child abuse. The opposite has happened. Child abuse has increased over 700% since abortion became legal in 1973.

CONTENTS



i was NEVER that small
how we grew in our first days of life. see the smallest people on earth.



what about rape?
victims share their stories. "No matter how I began, I'm still me."



behind closed doors
an inside look at the largest unregulated medical industry. it's legal, is it safe?



feeling alone?
real help is only a phone call away. 1.800.866.4666

what you don't know CAN hurt you...

can abortion increase your risk of breast cancer?

by Joel Brind, Ph.D.

Twenty-five studies have found that even one abortion increases the risk of getting breast cancer later in life. Dr. Joel Brind, an endocrinology specialist, who has done a great deal of research on this issue and has compiled the results of the numerous studies, explains below the science behind the link. He also explains how spontaneous miscarriages do not produce the same result.

Abortion Disrupts Hormonal Balance

Estrogen is the hormone that turns a girl's body into a woman's body at puberty. Actually, there is a whole class of similar steroids, estrogens, which can stimulate the growth of the breasts and other female tissues. The most abundant and important estrogen secreted by a woman's ovaries is called estradiol.

After puberty, the levels of estrogen rise and fall twice with each menstrual cycle. Under the influence of the pituitary gland's follicle stimulating hormone (FSH), new, egg-containing follicles develop in the ovaries during the first half of the menstrual cycle. The follicular, estradiol-secreting cells surrounding the eggs proliferate, and so the ovaries secrete ever larger quantities of estradiol, reaching a peak about one day before ovulation. This pre-ovulatory peak is the highest blood level of estradiol a woman ever normally experiences in the non-pregnant state. It stimulates her pituitary gland to secrete another hormone which actually triggers ovulation.

If conception occurs, the endometrium (uterine lining) proceeds to generate enormous concentrations of progesterone and estradiol. By 7 to 8 weeks gestation, a pregnant woman's blood already contains six times more estradiol than it did at the time of conception, more than twice the highest level attained in the non-pregnant state.

In marked contrast, pregnancies destined to end in miscarriage during the first trimester usually do not generate estradiol in quantities exceeding non-pregnant levels. One team of Swiss obstetricians, as far back as 1976, was actually able to predict miscarriages with 92% accuracy with just a single measurement of estradiol...

Cancer Cells Run Amok

How estradiol, or estrogens in general, relate to breast cancer risk, has to do with their role in the growth of breast tissue. It is estradiol which makes the breasts grow to a mature size at puberty, and which

makes them grow again during pregnancy. The cells in the breast which are responsive to estradiol are those which are primitive, or undifferentiated. Once terminally differentiated into milk-producing cells, breast cells can no longer be stimulated to reproduce.

It is the undifferentiated cells which can give rise to cancerous tumors later in life. If a woman therefore has gone through some weeks of a normal pregnancy, and then aborts that pregnancy, she is left with more of these cancer-vulnerable cells than she had in her breasts before she was pregnant. In addition, any abnormal, potentially cancer-forming cells already in her breasts (present to some extent in all people) have also been stimulated to multiply. **All this translates into a statistically greater probability that a cancerous tumor may eventually arise.**

In contrast, a full term pregnancy results in full differentiation of the breast tissue for the purpose of milk production, which leaves fewer cancer-vulnerable cells in the breasts than were there before the pregnancy began. This translates into the well known breast cancer risk lowering effect of a full term pregnancy...

The Difference Between Abortions And Miscarriages

Why do induced abortions raise breast cancer risk while most miscarriages don't? Never-pregnant breast tissue consists of primitive, terminal end buds and ducts, which are vulnerable to carcinogens, while lactating breast consists mostly of mature lobules—clusters of milk-secreting alveoli—which are resistant to carcinogens.

Finally, there is one additional and crucial aspect of spontaneous abortion vis-à-vis breast cancer risk that must be noted, namely the effect of post-first trimester miscarriages. Most miscarriages occur in the first trimester, and over 90% of these are characterized by abnormally low maternal estradiol levels. However, there is reason to believe that pregnancies which survive the first trimester (and they couldn't survive without adequately high progesterone levels, which are paralleled by estradiol) are likely to raise breast cancer risk, if they go on to miscarry.

For the complete article, research, and documentation, check out www.humanlife.org/breastcancer.

You will also find comprehensive responses to those who deny the link.



The Symphony of Life

The late Jérôme LeJeune, M.D., Ph.D., one of the world's foremost authorities in the field of genetics, taught us much about the intricacies of the beginning of human life.

Dr. LeJeune called that very first cell, the fertilized egg, "the most specialized cell under the sun." He explained that the fertilized egg contains more information about the new individual than can be stored in five sets (not volumes) of the Encyclopedia Britannica (if enlarged to normal print). No other cell will ever again have the same instructions as those in the life of the individual being created.

In the words of Dr. LeJeune, "Each of us has a very precise starting point which is the time at which the whole necessary and sufficient genetic information is gathered inside one cell, the fertilized egg, and this is the moment of fertilization. There is not the slightest doubt about that, and we know that this information is written on a kind of ribbon which we call the DNA."

To further emphasize the minuteness of the DNA language, Dr. LeJeune drew a most interesting analogy. He said that if all the one-meter-long DNA of the sperm and all the one-meter-long DNA of the ova which contain the instructions for the 5 billion human beings who will replace us on this planet were brought together in one place, the total amount of matter would be roughly the size of two aspirin tablets.

"At no time," Dr. LeJeune stated, "is

the human being a blob of protoplasm. As far as your nature is concerned, I see no difference between the early person that you were at conception and the late person which you are now. You were, and are, a human being."

The Science of Fetology has advanced to the point that it can now be determined within three to seven days after fertilization if the new human being is a boy or a girl.

When Dr. LeJeune testified in a Tennessee Court in 1989 as to the humanity of seven frozen embryos he held the court spellbound with the following analogy of man's "symphony of life." He explained that if you were to buy a CD on which a Mozart symphony had been recorded and insert it in a player, what is being reproduced is the movement of the air that transmits to you the genius of Mozart. Accordingly, LeJeune further explained, "It's exactly the same way life is played. On the tiny mini-cassettes, which are our chromosomes, are written various parts of the opus which is for [a] human symphony, and as soon as all the information necessary... to spell the whole symphony [is brought together] this symphony plays itself; that is, a new man is beginning his career... as soon as he has been conceived, a man is a man."

Dr. Jérôme LeJeune, who resided in Paris, France, discovered the genetic cause of Down Syndrome. He received the Kennedy Prize for the discovery and, in addition, received the Memorial Allen Award Medal, the world's highest award in the field of Genetics.

i was NEVER that small, was i?

Fertilization

The sperm joins with the ovum to form one cell. This one cell contains the complex genetic makeup for every detail of human development—the child's sex, hair and eye color, height, skin tone, etc.

1 Month One

The first cell divides and cell division continues in an orderly fashion as the small group of cells travels down the fallopian tube to the uterus. There are over 100 cells present when this tiny embryo reaches the uterus 7 to 10 days after fertilization. Foundations of the brain, spinal cord and nervous system are already established, and **on day 21 the heart begins to beat in a regular fashion.** Muscles are forming, and arms, legs, eyes and ears have begun to show. The embryo is 10,000 times larger than the original fertilized egg and developing rapidly.

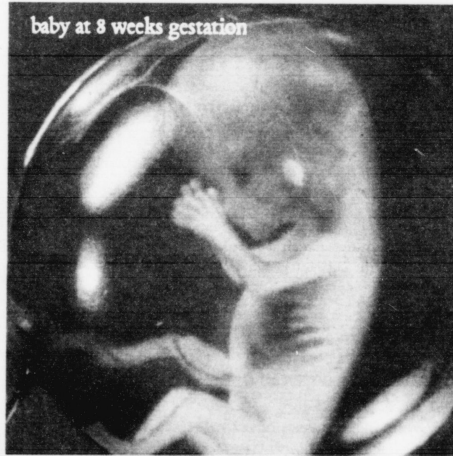


2 Month Two

The preborn baby has all her fingers. Brain waves can be detected and the brain is controlling 40 sets of muscles as well as the organs. The jaw forms, including teeth buds in the gums. The eyelids seal during this time to protect the baby's developing light-sensitive eyes, the stomach produces digestive juices, and the kidneys have begun to function. The developing baby is now referred to as the fetus, a Latin word meaning "young one."

3 Month Three

Unique fingerprints are evident and never change. The baby now sleeps, awakens and exercises her muscles by turning her head, curling her toes, and opening and closing her mouth



—often sucking her thumb. She breathes amniotic fluid to help develop her respiratory system. By the end of the month all the organs and systems of her body are functioning. The only major activity from now until birth is growth.

4 Month Four

By the end of this month the baby is 8 to 10 inches in length and weighs 1/2 pound. Her ears are functioning and the baby hears her mother's heartbeat, as well as external noises. Because the preborn child is now larger, the mother usually begins to feel her baby's movements.

5 Month Five

Half the pregnancy has now passed. The baby is about 12 inches long. If a sound is especially loud or startling, she may jump in reaction to it. Babies born at this stage of development are surviving at an increasing rate thanks to new advances in medical technology.

6 Month Six

Oil and sweat glands are functioning. The baby's delicate skin is protected in the amniotic sac by a special ointment "vernix."



7 Month Seven

The baby's brain has as many cells as it will have at birth. The preborn child uses the four senses of vision, hearing, taste and touch. Research has documented that she can now recognize her mother's voice.

8 Month Eight

The skin begins to thicken, with a layer of fat stored underneath for insulation and nourishment. The baby swallows a gallon of amniotic fluid per day. She often hiccups. She has been urinating for several months.

9 Month Nine

Toward the end of this month, the baby is ready for birth. **After birth new brain cells are being formed for nine months. Likewise, other organ systems are still maturing.** Of the 45 generations of cell divisions before adulthood, 41 have taken place in the womb. Only four more will come before adolescence. In developmental terms we spend 90% of our lives in the womb.

10 Month Ten

In the U.S., it is possible to obtain an abortion at ANY time before birth!

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Common Abortion Methods

SUCTION-ASPIRATION

The abortionist inserts a hollow plastic tube into the dilated uterus. "This tube is attached to a suction machine. The suction machine is turned on. The uterus is emptied by suction." The suction tears the baby's body as he/she is being pulled through the hose.

DILATATION & EVACUATION (D&E)

Used after 12 weeks. The baby is too large to fit through the cervix. The baby "must be removed with instruments and suction curettage." A pliers-like instrument is needed because the baby's bones are calcified, as is the skull. The abortionist inserts the instrument into the uterus, seizes a leg or other part of the body and, with a twisting motion, tears it from the baby's body. The spine must be snapped and the skull crushed in order to remove them from the womb. Body parts are then reassembled and counted to make certain that the entire baby has been removed from the womb.

PROSTAGLANDIN CHEMICAL

This form of abortion uses chemicals, developed by the Upjohn Pharmaceutical Co., which cause the uterus to contract intensely, pushing out the developing baby. In one article, one of the complications listed with this method was "live birth." In fact, the two most "dreaded" complications for an abortionist are a dead mother or a live baby.

DILATATION & EXTRACTION (D&X)

At a September 13-14, 1992 meeting of the National Abortion Federation, a trade association of abortion providers, an Ohio abortionist, Dr. Martin Haskell, described the D&X technique he has perfected. With the D&X method the preborn baby is alive until the end of the procedure when the child is killed by suctioning the brain tissue through a hole at the base of the skull while the baby's head is still inside the birth canal. Then the intact aborted child, minus brain content, is removed. The late Dr. James McMahon, a former abortion colleague of Dr. Haskell's, admitted that he used this D&X technique to abort preborn children up to 32 weeks "or more."

continued in column 4

1. Planned Parenthood Federation of America, Inc. *Abortion: Questions and Answers* (1991)

Carol Everett was involved in the abortion industry in the Dallas/Ft. Worth, Texas area. As director of four clinics, owner of two, Ms. Everett was responsible for the clinics' daily operation. Everett, who had an abortion soon after it became legal in 1973, now speaks out on...

"What I Saw in the Abortion Industry"

Q What is the governing force behind the abortion industry?

A. Money. It is a very lucrative business. It is the largest unregulated industry in our nation. Most of the clinics are run in chains because it is so profitable.

Q How much money were you making in the abortion industry before you quit?

A. I was getting a commission of \$25.00 on every abortion I "sold." In 1983, the year I got out, I would have pocketed approximately \$250,000. But in 1984 we expected to be operating five clinics, terminating about 40,000 pregnancies, and with that projection I planned to net \$1 million. Money, Money, Money — that's where my heart was.

Q Why do you refer to "selling" abortions?

A. The product, abortion, is skillfully marketed and sold to the woman at the crisis time in her life. She buys the product, finds it defective and wants to return it for a refund. But, it's too late. Her baby is dead.

Q In what way is the woman deceived?

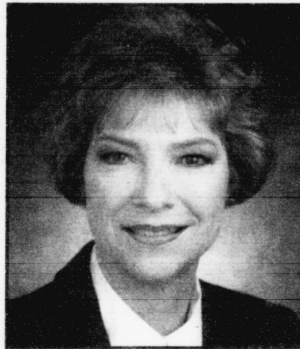
A. In two ways — the clinic personnel and the marketers must deny the personhood of the child and the pain caused by the procedure. Every woman has two questions, "Is it a baby?" and "Does it hurt?" The abortionist must answer "NO". He/she must lie to secure the consent of the woman and the collection of the clinic's fee. The women were told that we were dealing with a "product of conception" or a "glob of tissue". They were told that there would be only slight cramping, whereas, in reality, an abortion is excruciatingly painful.

Q What type of counseling was offered at the clinics?

A. In the clinics in which I was involved we didn't do any real counseling. We answered only the questions the woman asked and tried not to "rock the boat." We did not discuss alternatives to abortion unless the woman forced us to. *We sold abortions.*

Q What method of abortion did your clinics use?

A. For the most part, the abortion industry stopped using saline and prostaglandin procedures because of the number of live births. A live birth means you have to let the baby die, or dispose of it in some distasteful way. Most second and third trimester abortionists use the D & E (dilation and evacuation) method. The abortionist uses large forceps to crush the baby inside the mother's uterus and remove it in pieces. The baby must be re-constructed outside the uterus to be certain all the parts have been removed.



Meet Carol Everett—the woman who ran four abortion centers.

Q How did you dispose of an aborted baby?

A. In our clinics, we put them down the garbage disposal. We used the heavy duty model. Some second and third trimester babies' muscle structure is so strong that the baby will not come apart, so they must be disposed of through trash receptacles.

Q Abortion is supposed to be a "safe" experience. What complications did you witness?

A. We were doing a one-day traumatic dilation, which has a higher rate of complication. In the last 18 months I was in the business, we were completing over 500 abortions monthly and killing or maiming one woman out of 500. Common complications that take place are perforations or tears in the uterus. Many of those result in hysterectomies. The doctor might cut or harm the urinary tract, which then requires surgical repair. A complication that is rarely publicized is the one in which the doctor perforates the uterus and pulls the bowels through the vagina, resulting in colostomy. Some of those can be reversed, some must live with the colostomy for the remainder of their lives.

Q How did you keep these complications and deaths from the public?

A. The woman would be loaded into my car (an ambulance outside an abortion clinic is terrible advertising) and transported to a hospital that would protect the doctor and the abortion clinic's reputation. The concern is not with the patient, only in keeping an unblemished reputation. You have a built-in cover-up with the patient's family. They are dealing with their guilt and emotions over the situation and do not want to deal with the added pressure of exposing the truth through the media.

Q Why did you get out of the abortion business?

A. Two things came into play at about the same time. I experienced a profoundly religious transformation—a conversion. At about the time I was having second thoughts, a Dallas television station did an expose disclosing the abortions performed at my clinic on non-pregnant women—all for money! I finally realized, "We weren't helping women—we were destroying them — and their children."

PARTIAL-BIRTH ABORTION

After three days of preparations, the abortionist places an ultrasound transducer on the mother's abdomen and locates the child's legs and feet. The abortionist then uses a large forceps to grasp one of the baby's legs. He pulls firmly, forcing the child into a feet-down (breech) position. He continues pulling until the baby's leg is drawn into the birth canal.

Next, using his hands instead of forceps, the abortionist delivers the baby's body in a manner similar to a breech birth. First, the child's other leg is delivered, followed by the torso, shoulders, and arms. The baby's head "usually" remains inside the uterus.

The abortionist then performs the last step which Dr. Haskell calls "fetal skull decompression." Using blunt-tipped surgical scissors in a closed position, he pierces the child's head at the base of the skull. He then forces the scissors open to enlarge the skull opening. The abortionist then inserts a suction catheter into the brain and vacuums out the child's brain tissue (in Dr. Haskell's words, "evacuates the skull contents") causing the baby's death. The skull collapses and the dead baby is removed.

Barbara Radford, Executive Director of the National Abortion Federation said of this abortion technique, in a 6/18/93 letter to NAF members, "Don't apologize: this is a legal abortion procedure." (The preceding information on partial-birth abortion has been taken from the *American Medical News*, July 5, 1993 edition).

WHAT THE NURSE SAW

In Sept., 1993, registered nurse Brea Pratt Schafer was assigned by her agency to an abortion clinic. She considered herself very "pro-choice" so didn't balk at the job ahead. She later reported what she had witnessed as the abortionist performed a partial-birth abortion on a woman who was 6 months pregnant:

"...The doctor delivered the baby's body and arms, everything but his little head. The baby's body was moving. His little fingers were clasping together. He was kicking his feet. The doctor took a pair of scissors and inserted them into the back of the baby's head, and the baby's arms jerked out, a startle reaction... Then the doctor opened the scissors. He stuck the high powered suction tube into the hole and sucked the baby's brains out. Now the baby went completely limp.

I never went back to the clinic. But I am still haunted by the face of that little boy. It was the most perfect, angelic face I have ever seen."

tough questions demand tough answers what about rape?

by David C. Reardon, Ph.D.

Rape and incest are very emotional topics. They often elicit in the general populace feelings of revulsion; people draw back from the issue of rape and incest, even from the victims of rape and incest.

The facts suggest that only a minority of rape and incest victims actually choose abortion.¹ Abortion is not usually chosen as the immediate solution.

Kathleen DeZeeuw states, "Having lived through rape, and also having raised a child 'conceived in rape,' I feel personally insulted and assaulted every time I hear that abortion should be legal because of rape and incest. I feel that we're being used by pro-abortionists to further the abortion issue, even though we've not been asked to tell our side."

The children conceived through sexual assault also have a voice which deserves to be heard. Julie Makimaa, conceived by an act of rape, is not ashamed of her origin. Julie proudly proclaims: "It doesn't matter how I began. What matters is who I have become."

ABORTION ADDS TO THE PAIN OF RAPE

Various studies and my own research indicate that rape and incest victims fall into the high risk category of aborters. The existence of rape or incest is actually a contraindication for abortion. Jackie Bakker, whose testimony is in my book,² says, "I soon discovered that the aftermath of my abortion continued a long time after the memory of my rape had faded. Nobody told me about the emptiness and pain I would feel deep within, causing nightmares and deep depressions. They had all told me that after the abortion I could continue with my life as if nothing had happened." This is the same story we hear from a lot of aborted women. But for the rape and incest victim it is an especially keen story, because they have been told, "In your situation that is the only thing you can do." And they have been betrayed by that advice.

WHY RAPE VICTIMS REFUSED ABORTION

Perhaps the best study was done by Dr. Sandra Mahkorn, published in *Psychological Aspects of Abortion*.³ Dr. Mahkorn was an experienced rape counselor who identified 37 pregnant rape victims who were treated by a social welfare agency. Of these 37, only five chose to have an abortion. Of the 28 who gave birth, 17 chose adoption and 3 kept the child themselves; for the remaining eight, research was unable to determine where the child was

placed.

Several reasons were given for not aborting. First, several women felt that abortion was another act of violence—that it was immoral or murder. One said she would only suffer more mental anguish from taking the life of a baby. Second, some saw an intrinsic meaning or purpose to the child. Somehow this child was foisted into their lives, but, on the other hand, they sensed some sort of hidden purpose behind it. And although not responsible for having brought the child into being, it had happened, and the consequences could be lived with. Third, at a subconscious level, the rape victim feels that if she can get through the pregnancy she will have conquered the rape. Outlasting pregnancy shows she is better than the rapist who brutalized her. Giving birth, then, is the way rape victims seek to reclaim their self-esteem. It is a totally selfless act, a generous act, especially in light of the pressure to abort. It is a way for them to display their courage and strength to survive even a rape.

In her study, Mahkorn found that the primary difficulty they experienced with the rape pregnancy was pressure from other people who saw the pregnancy as a blot to be eliminated. Family and friends just weren't supportive of the woman's choice to bear the child.

Dr. Mahkorn also found that in the group who carried their pregnancies to term, none, at the end of pregnancy, wished she had decided on an abortion. Abortion inhibits the healing to the rape victim and reinforces negative attitudes.

ABORTION REINFORCES WOMEN'S POWERLESSNESS

Another example is Vanessa Landry, another rape victim who said, "I didn't really want to have the abortion. I have always been against abortion all my life. My social worker just kept telling me all kinds of things to encourage me to have the abortion. She said I was just another minority bringing a child into the world and there were too many already." Here is a woman who is being victimized not only because she is a rape victim, but also because she is black and a minority and she has a low income.

Childbirth can be a victory. For the majority of pregnant rape victims who

wisely choose to forego abortion, childbirth is the choice of triumph over rape. It is a choice that says, "Rape will not dictate my life." It allows them to show their own courage and generosity. It can be shown that the abortion is not necessary, and indeed is very likely to hinder recovery by increasing feelings of guilt, shame and low self-esteem.

LIKE INCEST, ABORTION PROMOTES SILENCE

Incest victims face similar problems. Incest is a very complex issue, but the vast majority of incest victims want to carry their pregnancy to term. These are young girls for whom pregnancy is a way to break out of an incestuous relationship with their father or other family members, [whom they may love] despite their confusion and resentment about the way they have been used as sexual objects. Since they still love the father, having the child can, not only help expose the incestuous relationship, but also give hope of beginning a truly loving relationship.

In studies of incest victims, the vast majority choose to carry the pregnancy to term.⁴ Those in the minority who have an abortion do so only under pressure from their parents to conceal the incestuous relationship. Because incest is a family pathology that often involves father, mother and daughter, all are involved in a conspiracy of silence.⁵

I interviewed Edith Young, now 38 years old, who was a rape and incest victim at 12 years of age. To cover up the incident, her parents procured an abortion for her without telling her what was to happen. The emotional and physical scars of incest and abortion still last to this day. She said, "I was being sexually attacked, threatened by him and betrayed by Mom's silence...the abortion which was to be in 'my best interest' has not been...it only 'saved their reputations,' solved their problems and allowed their lives to go merrily on."⁶

We need to join rape and incest victims in demanding that pro-abortionists stop exploiting the pain of innocent women's problems for their own political and financial ends. David C. Reardon, Ph.D. is Director of the Elliot Institute for Social Sciences Research and author of "Aborted Women: Silent No More." More info. at www.humanlife.org/afterabortion.

1. *Pregnancy and Sexual Assault*, Sandra Mahkorn, in *The Psychological Aspects of Abortion*, ed. Mall and Watts (1979), pp. 53-72.
2. *Aborted Women: Silent No More*, David C. Reardon (1987), pp. 206-210.
3. *Supra*, note 1.
4. *The Consequences of Incest: Giving and Taking Life*, Maloof, in *The Psychological Aspects of Abortion*, ed. Mall and Watts (1979), pp. 73-110.
5. *Father-Daughter Incest - Treatment of the Family*, Kennedy, *Laval Medical* 40:946-950 (1969).
6. *Supra*, note 2, pp. 212-218.

Women Unhappy With Abortions

Glamour (Feb. 1994), a popular women's magazine, receiving input from 3000 women reported, "Virtually all of those who'd had abortions in the past said that if they'd only known how much they'd regret having an abortion after the fact, they never would have agreed to the procedure."

The magazine also noted, "The births of subsequent children or some other exposure to the intricacies of child development were often listed as experiences that helped them see just how misguided they had been in deciding to abort."

One woman said "Society told us it (abortion) was safe and legal. And the abortionist and her crew never counseled me on anything--the procedure itself, the risks, the alternatives...I wondered why, if I had participated in this wonderful, self-liberating experience, I did not feel a sense of deliverance, but a loss of self respect, and little by little, a loss of myself."

he should know

"In medical practice,
Increased Infertility
there are few surgical
Punctured Uterus, Bowel
procedures given so
Lacerated Cervix
little attention and so
Pelvic Inflammatory Disease
underrated in their
Hysterectomy
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Ovarian Cancer
commonly held that
Coma
complications are
Breast Cancer
inevitable."

Dr. Warren Hern
prominent U.S. abortionist
from his book *Abortion Practice*

feeling alone? don't know where to turn?

you're not alone anymore

I was unexpectedly pregnant and in shock. The doctor from the university clinic confirmed my haunting suspicion. For a moment fear gripped my mind. Quickly, I became numb. Overwhelmed by the mammoth ordeal that lay before me it seemed as if I were preparing for a final exam.

The doctor was sweet and quite professional. After questioning my financial situation, she emphasized that there was no way I could finish college with a baby. She said if I didn't finish school, I was selling myself short. I was told "my life was my own and it was up to me to take control."

I asked the doctor when life began, and she never did answer my question. Not then, not ever. I left the clinic outwardly confident, but inwardly in more turmoil than before.

At my next appointment, the doctor seemed disappointed I hadn't yet scheduled an abortion. With a look of alarm on her face, she warned that if I didn't act quickly, "it" would be "too big."

Her words continued to seem kind and nice, but were still evasive. The last time I saw her, she gently but firmly scolded me for not acting promptly in "terminating the pregnancy." Adding the reminder, "If I wanted to be the best person I could be that meant finishing college."

The father of my child, my live-in boyfriend, remained distant. He advocated that I comply with the doctor's advice, emphasizing that doctors take an oath to uphold life. Why would I question someone who only had my best interest in mind?

No one knew of my pregnancy, except my boyfriend, my doctor and me. Fearing condemnation and judgment, I didn't reach out to those around me. Perceiving I had all the necessary information to make the right choice, I scheduled an appointment for an abortion and followed through — alone.

Coming out of the clinic, I didn't know if I had failed or passed, but I sensed that something had happened that would be on my mind and heart for the rest of my life.

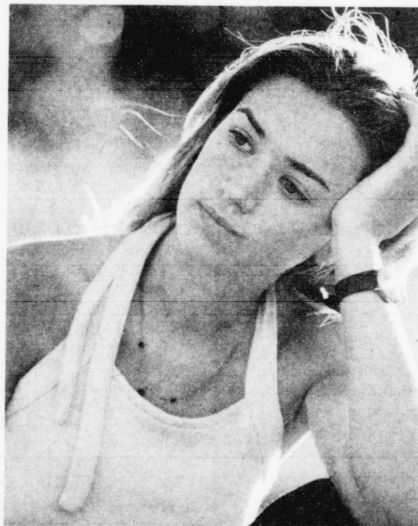
Years later, I painfully realize that when I chose to "terminate the pregnancy," I chose to eliminate my child. Moreover, what I thought was "choice," was not. I did want to know when life began. Only I was not told the truth about my pregnancy — the life within. I am angry about that.

The doctor did not think I was capable of reaching life's challenges. In truth, she sold me short.

If I could do it over again, I would have spoken to just one more person. I would have sought out just one more alternative. I would have tried one more of anything, simply to give myself a true choice, a choice for life.

Please call. I know you're tired. I know you're overwhelmed. I know you're alone.

But find the strength to contact one of the resources on this page. You are worth it. One day you will forget having been alone, overwhelmed, and not knowing what to do, but you'll never forget your child. *J.C.*



Local help is just a phone call away.

For pregnancy care near you . . .

nurturing network
1.800.866.4666

www.nurturingnetwork.org

Operates 24 hours a day to provide positive alternatives to abortion by offering every mother an individual support program free of charge. Provides an extensive employment, medical, educational, counseling, and residential network that allows mothers to nurture the life of their unborn children without sacrificing their own educational or career goals.

birthright
1.800.550.4900

www.birthright.org

Provides free and confidential pregnancy tests, non-judgmental support for pregnant women. Referrals for legal assistance, parenting classes, breast-feeding, child care, employment and education, adoption services and counseling, and medical care.

pregnancy centers online directory
www.prolife.org/cpcs-online

A resource listing individual crisis pregnancy centers by state. Just search for your state and call any of the nearby centers for help.

For help after an abortion...
american rights coalition
1.800.634.2224

project rachel
1.800.5.WE.CARE

Offers free and confidential counseling.

life dynamics (legal help)
1.800.401.6494

Offers free legal counsel for women who have been hurt by abortion. Legal help from professional volunteer lawyers.

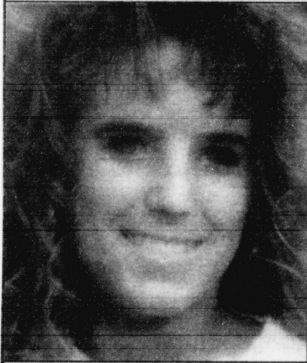
Statement by Dr. James Fogel, a psychiatrist, obstetrician, and abortion provider:

"Abortion is an impassioned subject... Every woman--whatever her age, background--has a trauma at destroying a pregnancy. A level of humanness is touched. This is part of her own life. She destroys a pregnancy, she is destroying herself. There is no way it can be innocuous... It is totally beside the point whether or not you think a life is there. You cannot deny that something is being created and that this creation is physically happening... But it is not as harmless and casual an event as many in the pro-abortion crowd insist. A psychological price is paid. It may be alienation; it may be a pushing away from human warmth, perhaps a hardening of the maternal instinct. Something happens on the deeper levels of a woman's consciousness when she destroys a pregnancy. I know that as a psychiatrist."

every night...
screams...
in every baby i see...
her...
she's gone...
what have I done?

Are you struggling after an abortion?
We're here to help you find peace.
1.800.5.WE.CARE

you did WHAT with your baby?



"Relinquishing my son was the hardest decision I will ever have to make, but I'm more confident than ever that it was the right one."

It was the beginning of my junior year in high school. I was excited, looking forward to another year of diving, gymnastics and track. But this excitement quickly ended when I realized I was pregnant.

When the pregnancy was confirmed, my mind went racing. It wasn't enough to just say that I was scared - I was terrified! The idea of having an abortion was never a consideration for me. I could not live with the realization that I was responsible for taking the life of my child - a death because of my actions.

My first instincts told me that I needed to raise my child on my own. I knew I could love and care for a child, but when I stopped thinking about myself, and thought about what was best for my child, I knew adoption was the right decision. I was sixteen at the time. I wanted to go back to school for my senior year and wanted to participate fully, in sports etc. I wanted to go on to college.

I knew I could not do all of this and raise a child at the same time. I did not want to have to live with my parents indefinitely and depend on them for everything. I did not want them to be thrust into the role of prime care-givers for my child. It just would not be fair for any of us, for them, myself or the baby. I knew that placing my child for adoption would be the right thing to do, the loving alternative!

The adoption procedure I opted for is not your ordinary plan. I chose to do an independent open adoption. Through this process I was able to select from among the prospective adoptive par-

ents. I had the opportunity to establish a personal relationship with them as well as to develop a lasting friendship. The more I got to know them the more excited I was about placing my baby with this couple. They had so much love and security to offer my child. They were there with me in the hospital when my son was born. Their video camcorder ran non-stop.

I will always treasure the three days I spent in the hospital with my son. Handing him over to his new parents was by no means easy, but I knew in my heart that this was the right decision for both of us.

Many tears were shed throughout the nine months and during the hospital stay. But, they were not all tears of sadness. I miss my son very much. I think about him every day and a smile comes to my face. I thank the Lord that He led me to two such special people to be adoptive parents for my child.

It has been several years since my son was born. He now has an adoptive sister. I keep in contact with the family through letters and pictures. I can't begin to explain the feelings of pride and contentment that I experience when I see the smile on his face.

I am now a junior in college majoring in paralegal studies. Relinquishing my son was the hardest decision I will ever have to make, but I'm more confident than ever that it was the right one. While in the hospital I received a card which read, "Some people come into our lives, leave footprints on our hearts, and we are never the same." This is so true!

Lisa O.

tim, i think i'm pregnant."



It was New Year's Eve. My boyfriend sighed deeply, his gaze remaining fixed on the TV. He then muttered something that made me feel already deserted. I felt a sour lump in the back of my throat. Yes, I was pregnant, and I was scared!

I knew from first hand experience how tough it is raising a child as a single mother. I already had a 2-year old daughter, Jennifer, from an earlier unsuccessful marriage. We lived in the inner city and could barely make ends meet. When my pregnancy was confirmed, Tim's non-committal response to my distress and his move to Chicago, 400 miles away, left me despondent and leaning more and more toward abortion as the "easy way out." I was already struggling financially with one child. How could I raise two?

I drove to Chicago to try to convince Tim to marry me. He was deaf to my pleas and unmoved by my tears. Believing I had no viable alternative, I convinced him to give me money for an abortion.

As I sat in the abortion clinic waiting my turn, everything around me seemed like a nightmare. Women lounged on garishly printed couches as rock music played on the intercom. Everything seemed so casual, and there I was, feeling like I wanted to die.

When the nurse called my name, I changed my mind, broke into tears, and left.

I felt desperately alone. Back at the university, I often cried myself to sleep. I decided to confide in a couple of college professors. They collected money to fly me back to Chicago to have an abortion. Now I was determined, even obligated, to go through with it. Still, I agonized! Ironically, that semester, I was taking a class in fetal development. I knew there was a baby in my womb with her heart beating and her own circulatory system. Those pictures flashed in my mind as I sat there, clad in a paper gown and paper slippers.

I was summoned to the room where the abortions are performed. I could hear a woman sobbing hysterically in the recovery room. It reminded me of someone who had witnessed the death of a loved one in a fatal accident. It haunts me still. As the doctor was examining me, prior to performing the abortion, he suddenly stopped and said to the nurse, "Get her out of here!

"My two daughters inspired me to do great things. They never stood in the way of my career. They have only enhanced it."

She's too far along!" Relief instantly washed over me! How odd! I had thought I wanted an abortion but now felt instantly relieved to know I was still pregnant.

I decided to use every ounce of courage I could muster to deal with my pregnancy. My ambivalence turned into love for my unborn child. When my beautiful daughter was born, I named her Melanie.



Alone and desperate, Angela Woodhull felt pressured to abort.

It took energy and creativity to support the three of us. My two daughters inspired me to do great things. They never stood in the way of my career. They have only enhanced it. I finished my degree; then I went on to get my Master's and Ph.D. Besides being a proud mother, I am happily married, a publi-

lished author, a motivational speaker for one of the largest seminar companies in the U.S., and a musician.

I have learned that life is really about developing character. When we endure something tough, our character and self-esteem are strengthened. Many women who have confessed to me that they've had abortions have discovered that the "easy way out" is just an illusion. Some of them are in abusive relationships. Some are on anti-depressants. Others just seem detached from life. Some sadly remember their aborted child's "would be" birthday each year.

If you are in a crisis pregnancy, I cannot promise that it will be easy. I can only promise that the anguish will pass and there are people who will help you through this trying time. As someone who has "been there" I understand the anguish you are experiencing. One day you will look back on the birth of your child, and say, as I do, "I did the right thing. And I feel proud."
Dr. Angela Woodhull, Ph.D.

every year over **TWO MILLION**
2,000,000
couples are denied
the chance to adopt