



# Bear Facts

Volume XXIII, No. 12

Des Moines Area Community College -- Boone Campus

April 6, 1994

## 1994 Final Exam Schedule

Friday, May 6, 1994 (Tuesday/Thursday classes)

Class Time	Exam Time
6:30 a.m. - 7:55 a.m.	6:30 a.m. - 8:45 a.m.
9:40 a.m. - 11:05 a.m.	9:00 a.m. - 11:15 a.m.
12:50 p.m. - 2:15 p.m.	11:30 a.m. - 1:45 p.m.
4:00 p.m. - 5:25 p.m.	2:00 p.m. - 4:15 p.m.

Monday, May 9, 1994 (Mon/Wed/Friday or more classes)

Class Time	Exam Time
8:00 a.m. - 8:55 a.m.	8:00 a.m. - 10:15 a.m.
10:10 a.m. - 11:05 a.m.	10:30 a.m. - 12:45 a.m.
12:20 a.m. - 1:15 a.m.	1:00 p.m. - 3:15 p.m.
2:30 p.m. - 3:25 p.m.	3:30 p.m. - 5:45 p.m.
4:40 p.m. - 5:35 p.m.	3:30 p.m. - 5:45 p.m.

Tuesday, May 10, 1994 (Tuesday/Thursday classes)

Class Time	Exam Time
8:05 a.m. - 9:30 a.m.	8:00 a.m. - 10:15 a.m.
11:15 a.m. - 12:40 p.m.	10:30 a.m. - 12:45 p.m.
2:25 p.m. - 3:50 p.m.	1:00 p.m. - 3:15 p.m.

Wednesday, May 11, 1994 (Mon/Wednesday/Friday classes)

Class Time	Exam Time
6:55 a.m. - 7:50 a.m.	7:00 a.m. - 9:15 a.m.
9:05 a.m. - 10:00 a.m.	9:30 a.m. - 11:45 a.m.
11:15 a.m. - 12:10 p.m.	12:00 p.m. - 2:15 p.m.
1:25 p.m. - 2:20 p.m.	2:30 p.m. - 4:45 p.m.
3:35 p.m. - 4:30 p.m.	3:30 p.m. - 5:45 p.m.

Last Monday night class (final exam)	May 9
Last Tuesday night class (final exam)	May 3
Last Wednesday night class (final exam)	May 4
Last Thursday night class (final exam)	May 5
Last Monday/Wednesday night class (final exam)	May 9
Last Tuesday/Thursday night class (final exam)	May 5
Last Saturday class (final exam)	May 7

## Summer office hours change

DMACC's hours of operation for the period of May 16, 1994, through August 19, 1994, will be as follows:

All regular office and support services that are normally open from 8 a.m. to 5 p.m. will be open from 7:30 a.m. to 4 p.m.

Evening operations will commence at 4 p.m. The

Carroll Campus dean's office will close at 8 p.m.; 8 p.m. on the Boone Campus; 6:30 p.m. on the Newton Campus and 9:00 p.m. on the Urban and Ankeny Campuses. Evening support services will be open until 7 p.m., except for the Ankeny and Urban snack bars which will close at 8:30 p.m.

## Rezoomers tour ISU



Photo by Maggie Stone

Students visiting ISU included (L. to R.) Cathy Johnson, Linda Smith, Ellen Fairchild ISU Adult Student Coordinator, Cheryl Hollen, Brad Mills, and Jo Gregg.

By Linda Smith  
Bear Facts Staff Writer

Ellen Fairchild, adult student coordinator at Iowa State University spoke to two groups of Rezoomers about attending ISU on March 6, 1994 at the Rezoomers Club. After she spoke, five members of the group along with Maggie Stone,

Displaced Homemaker Coordinator and sponcer for the Rezoomers Club on the Boone Campus, toured ISU. Being a part of that group, I have always felt overwhelmed by the campus and had never attempted to walk around it. Upon arrival, and after parking the van, I commented about how good the parking was. It was quickly pointed out to

me that ISU was on spring break. So much for that idea; however, there are other places on campus to park and catch a CY-Ride bus to your desired building.

The adult students at ISU have many opportunities. A full time attorney and mediator are available for any student. A medical clinic and varied psychiatric services and debt counseling are also a plus.

I was also lucky enough to meet Joyce Packwood, coordinator of the Students with Disabilities office. She helps students with special needs to get past mental, physical and architectural barriers as well as other personal needs.

Maggie Stone has a list of contact people in various areas of study who can be called so prospective students can find out program expectations and ask questions. ISU has people and programs to help with funding of classes and to make the transition to university life a smooth one.

This was the first time Maggie had taken a group to another campus to tour and as of now has no plans for going to other regents schools; however, Maggie is always looking for new ways to help adult students on this campus and is a good source of information about continuing education.

## Wand puts students in trance

By Charlene Patterson  
DMACC Writer

Jim Wand, hypnotist, played to a full house on April 5 in the Boone Campus auditorium. Many questions have been brought up about hypnosis. Jim Wand states the following about hypnosis: "Although researchers have attempted to explain hypnosis in their own terms, they have no clear definition of it. Much of this confusion is due to the fact that no one can really know what goes on inside another person's mind

during the hypnotic state. However, we do know some basic facts about the state of hypnosis. We know that our mind works on two levels- a conscious and a subconscious, or an outer and an inner state of mind. Our conscious mind takes care of day to day business. Our subconscious mind, on the other hand, handles bodily functions without our conscious decision. It is the subconscious mind that also comes into play when hypnosis takes place."

One common fallacy is that a person under hypnosis will do anything--good or bad. This is

completely false. Under hypnosis, a subject will not do anything that is contrary to his principles nor will he commit an anti-social criminal act. He has the power to select only the suggestions that he is willing to accept. With hypnosis, a person may reject any improper or immoral suggestions that are given. A hypnotized person is always in complete control. One will not go into hypnosis unless he wants to, will not do anything unless he wants to, and will not stay in the hypnotic state when he wants to come out of it.

# Old Codger: I'm scared



Demilitarized Zone is just that, a line on the ground saying here's the beginning and the ending of the armistice, no war beyond this point until.....?

For some forty years or so we have kept about as many military personnel in Korea as were killed during the "Police Action" and all the time given South Korea a chance to regain its place in the sun (with American know-how and American money.)

I was around 14 years old when the war started and still remember how it was first called Harry Truman's war, or the war to stop Communism, or something like that. Of course, in those days, it was possible to kill soldiers with a bullet, a tank, a cannon, a bomb...but, it took us almost four years to kill many hundreds of thousands of both North Koreans and Chinese Communist "volunteers." Only the United States and Russia had "the bomb" and we were sure Russia would not give it to the North Koreans and they were sure we wouldn't give it to the South Koreans.

But, I'm scared! We have distracted Bill in the White House, we have presidential hopeful Dole leading the charge in the Senate, and we have a Chief of Staff in the Pentagon whose name I wouldn't even try to pronounce, and God only knows how many soldiers we have left after all the cuts, lay-offs, and attrition. Where are the Giants who once roamed the earth like, Dwight Eisenhower, Matthew Ridgeway, General Douglas Mac Arthur, Harry Truman, Joseph Stalin, Chang-kai Chek, Charles De Gaulle, and of course, the one and only...Winston S. Churchill?

If they were around you can bet your last nickel that North Korea wouldn't be making the threats it is today! However, right this minute I'm scared that the amount of people who died in the Korean "Police Action" in the early fifties in four years, will be topped by the dropping of just one North Korean A-bomb! Mac Arthur tried to tell us more than forty years ago, destroy North Korea now before it's too late.

Well, those are the ruminations of this Old Codger for now. I wish I had more to report but, you all know how it is when you are studying so hard just to maintain your "D" and not fail any class. I sure am looking forward to my first time fishing this year! I've gotten my poles out and oiled and restrung them. I've gotten everything ready to go except for the worms. I found out the worms I put under the porch during the winter didn't stay frozen after all...Phewwwwww.

## Lose something?

There are several items in the lost and found in the main office. These items include:

- notebooks
- car keys
- prescription glasses
- sunglasses
- gloves (pairs and singles)
- cigarette cases
- koozie (foam can cooler)
- lighters
- jewelry
- coats
- hats
- scarves
- clothing
- book bags

Established 1971  
 April 6, 1994  
 Vol. XXII—Issue #12  
 A student publication written and printed weekly at Des Moines Area Community College, 1125 Hancock Drive, Boone, IA 50036 (515) 432-7203, Ext. 1043. Distributed free to all DMACC students, staff and alumni, or a subscription can be purchased at the annual rate of \$10 to the general public. Editorial and advertising offices of *The Bear Facts* are located in Room #210, 2nd floor of the academic building.  
 Steve Scheideman—Editor, Linda Smith—Layout Editor and Advertising Manager, Kate Tyler—News Editor, Duanna Vinchattle—Reporter, Melinda Baker—Reporter, Kevin Feeley—Reporter, Rich Parizek—Reporter, Joel Wise—Reporter, Meredith Stone—Reporter, Robert Plumb—Columnist, Charlene Patterson—Reporter.  
 Bear Facts Advisor—Jan LaVelle Executive Dean—Kriss Philips  
 Printed by *Boone News Republican*

In the good old summer time, in the good old summer time...I hummed to myself as I filled in the information on the form for my fishing license the other day. Maybe I'm going to be able to get more than three times fishing this year! Last summer, as some of you may remember, it rained, and rained and rained until the damn dam almost broke. Look Sir, I said gazing at the sky outside the store where I had just paid \$10.50 for my license, I've studied real hard and so far have better grades this semester than at any time since I started at DMACC. Please, please, let me have more than three days fishing this year!

Well, enough of my problems for now. I talked to my advisor the other day and between us we figured out that with any luck I can be out of here by the end of next Spring. For a while I kind of thought I was really going to have to enroll in the Students Forever Society at DMACC! Of course, being gone by the end of next Spring is dependent on how good my grades are from now 'till then.

**FROM THE...WHERE ARE TRUMAN AND EISENHOWER WHEN YOU NEED THEM...FILE**

For those of you not familiar with the Korean War (otherwise known as the United Nations Police Action) that started in 1950, We are still technically at war with North Korea! There was never a peace treaty signed or anything. The

## Dean responds to student's concerns

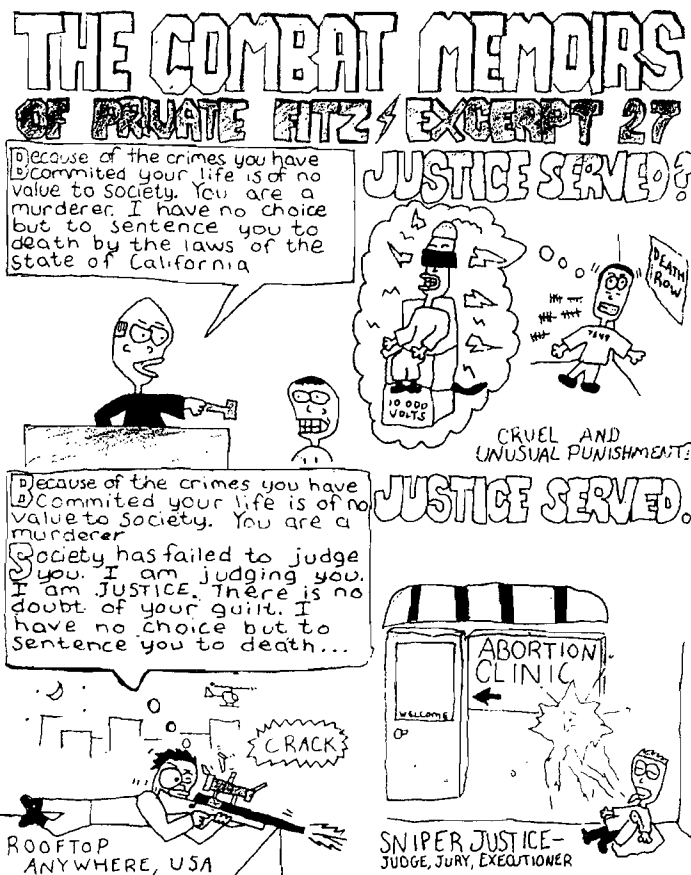
### To the Editor:

I read with interest Rose Zimmerle's Letter to the Editor in the March 9, 1994, issue of the *Bear Facts* regarding Boone campus commencement. She was concerned that scheduling graduation on the morning of a work day was inconvenient to many people and was timed by the administration to accommodate the President of DMACC and the members of the Board of Directors rather than students and their families. She went on to suggest that the Board of Directors might be callous to the interest of students and their families, and that the Board members might not be interested in meeting the needs and wants of students on the Boone campus.

Nothing could be further from the truth. Students, and by extension their parents and loved ones, are and should be at the very center of everything we do. Boone campus' well deserved reputation for excellence is based on the fact that for 65 years, the best interest of our students has always come first in all matters which are within our control.

The Boone campus commencement date is established locally by the dean's office with an attempt to consider the wishes of traditional and non-traditional students. However, as our student body population continues to change, it is very possible that in the future our commencement should be held in the evening or on a Saturday morning. I plan to appoint a committee composed of Student Action Board members and faculty to help advise me for future commencement exercises.

**Kriss W. Philips, Executive Dean  
 Boone Campus, DMACC**



# Law enforcement speaks on crime to community

By Linda Smith  
Bear Facts Staff Writer

Representatives from the Boone city police and the Boone County District Attorney's office spoke on the issues of crime and personal safety at DMACC on March 31, 1994. These suggestions made sense in the world we are all living in and have changed from years ago when people first became aware of the need for personal safety.

## One burglary happens every 8 seconds

The police department made some recommendations for home safety: dead bolts, outside lights, motion detectors and leaving a light on in the house. Even when you

## One car theft happens every 8 seconds

are home, doors should be locked. In situations like hotels or motels, besides locking the door use the chain lock because it is easy to rent a motel room and make a copy of the key for future use by, as the police called those making keys and doing crime, "dirtbags."

If you are in a situation where you must defend yourself, some forethought could save your life. Look around. Is there a lamp or some other object you could strike the intruder with?

Never let a caller know when you are home alone. This is especially true for babysitters. When in your home or motel room at night close your blinds or drapes. According to the speaker, many rapists start out as "Peeping Toms."

Never keep a key outside. People who break in for a living know more places to look for a key than you know where to hide one. If service repairmen come to your door, ask for I.D. before letting him/her in. The Boston strangler posed as a plumber. Trimming bushes around your house is also a good idea. Grow some roses or other thorny greenery. This will discourage people from hiding in them.

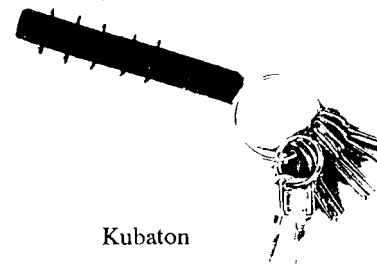
## One robbery happens every 58 seconds

If you find yourself stranded in your car, don't leave it. If someone asks to help, roll down the window slightly and ask them to phone authorities. If you must leave, place a note on the car telling police where you went and what time you left.

Carjacking is on the rise. Always lock car doors so a stranger cannot jump in at a stop light or a drive through for a restaurant.

## A murder happens every 23 minutes

When leaving the mall, have your keys in your hand. Be aware of your surroundings. If you are afraid, call mall security, and they will walk you to your car. Putting your keys on a Kubaton is an excellent way to defend yourself.



Kubaton

A slashing motion in the face of an attacker will result injure them and give you some time to get away.

Legally speaking, if you confront a stranger in your own home you have the right to do anything it takes to defend your property. In other situations, the attacker must make the first move and then reasonable force can be used. If your life is at stake, go for it. If you intend to fight, it must be quick and all your strength must be behind it. Pepper mace is an excellent weapon against an attacker but remember, you must be up wind from the mace and any weapon can be taken from you and used against you so, be quick.

**Fall, Summer, Spring Graduates...Don't forget to apply for graduation in the main office.**

# Policy changes affect non-students

By Duanna Vinchattle  
Bear Facts Staff Writer

Upon returning from spring break this year students were met with a notice of a new policy for the Boone DMACC. The notice read:

## NOTICE

**Children are not allowed in the classroom.**

**While we are sensitive to child care difficulties, only individuals on official class lists may attend class.**

**Your cooperation is encouraged and appreciated.**

**Kriss Philips  
Executive Dean  
Boone Campus  
DMACC**

This seemed to cause some commotion for some of the students. When Dean Philips was asked about this, he stated,

"Only registered students are to be in the classrooms. It was brought to my attention by a number of instructors and students that they were concerned about the growing number of children in classes."

Dean Philips said that he investigated the problem with the other DMACC deans on how they handle the situation, and they all responded that they did not allow anyone other than registered students in their classes. Mary Chapman, dean of the Urban campus, uses this same notice and said that it has worked very well for her campus.

According to Dean Philips, he doesn't want to be unsympathetic, but he also can't have the disruption on campus.

For students having problems with daycare, there is a daycare center across the street, called Good Foundations. When the center was called they said that they don't take walk-ins but that they are willing to take children on a regular basis. Maggie

Stone is also available to give suggestions to non-traditional students on such matters.



"They shouldn't be allowed in classes with chemicals and burners. But if they're young babies that are screaming and crying, it's a real disruption. People can just take them to the daycare across the street."

---Kim Springer



"I think the new notices about children not allowed in classrooms should be remedied to say no child under five years and not on test days. If I miss one day, it takes one week to get caught up, but I would not bring my three-year-old because of the disruption. Some type of daycare, maybe part-time in the school might be an alternative."

---Stacy Steward



"I don't think they should be allowed in a lab class, but if they're old enough to behave, it's okay."

---Kim Sargent

**Summer registration begins April 25, 1994**

# One face of mental i

By Daniel Pendick

One day in 1974, as schizophrenia took possession of 18-year-old Dylan Abraham, he bolted for the road and hitchhiked a grand tour through the American Southwest. He felt powerful, godlike. Every sound, sight, breath, and sensation seemed pregnant with meaning. But besides the euphoria, there were voices, sometimes warm and reassuring, sometimes threatening and nightmarish--and an unsettling distrust and fear of the people around him.

For Abraham, now a mental health educator and writer in Madison, Wisconsin, that journey marked the end of what most people take entirely for granted--the capacity to think, feel, and perceive unfettered by delusions and distortions. With medication, support from his family, and an innovative community treatment program for mental illness, Abraham has not required hospitalization in 15 years.

Ruinous of lives and minds of an individual level, schizophrenia also exacts a steep toll on society. According to the American Psychiatric Association, an estimated four million Americans are at risk of developing the disorder, which often emerges in adolescence or young adulthood. It accounts for 20 percent of mental illness, fills perhaps 30 percent of all hospital beds, and costs the nation an estimated \$48 billion annually in treatment expenses and lost productivity.



Earlier in this century, scientists searched unsuccessfully for damage or deformity in the brain's delicate tissues that might explain schizophrenia. Eventually, as psychological explanations for the disease gained popularity, the quest for schizophrenia's anatomical origins fell into scientific disfavor. "It was an area of research distinguished by its lack of respectability," recalls Harvard Medical School neuroscientist Francine Benes. "In fact, anyone who did it was considered a crackpot."

In the 1990's, the search for schizophrenia begun by 19th-century psychiatrists is enjoying a renaissance. New brain-imaging devices and painstaking tissue studies have uncovered subtle differences in the brains of people with schizophrenia. It is here, in the nerve-cell circuits that oversee thought, emotion, and sensation, that many scientists hope to find the underlying causes of schizophrenia.

Technologies such as computer-assisted tomograph (CAT) and magnetic resonance imaging (MRI) have contributed enormously to these advances, discovering measurable differences between schizophrenic and healthy brains. CAT scan studies in the late 1970s confirmed that many people with schizophrenia have larger cerebral ventricles, the fluid-filled spaces that help to cushion the brain. This points to a loss of brain tissue, perhaps because the brain fails to develop properly, or because some process actually destroys nerve cells.

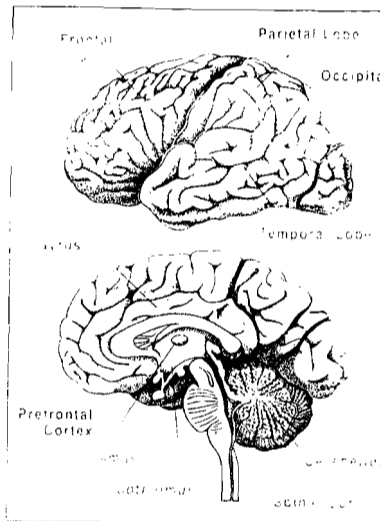
With improvements in technology, researchers have broadened their search for schizophrenia. The disorder seems to have a strong presence in the limbic system, a fist-sized group of intricately connected structures at the base of the brain. Here, neuroscientists have discovered changes in the size of the thalamus, the hippocampus, the hypothalamus, and other islands of specialized nerve cells associated with learning, memory, perception, emotion, and sensation. Not coincidentally, these are brain functions disrupted by schizophrenia.

Another brain-imaging technique adopted by schizophrenia researchers -- positron emission tomography (PET) -- has unveiled the process of thought itself. As a person plans, feels, remembers, or imagines, blood and nutrients rush to the brain to nourish hard-working nerve cells. PET can take snapshots of this process, providing researchers with a way to link the mental impairments of schizophrenia to changes in blood flow and nutrient metabolism.

Many a PET scan has scrutinized the prefrontal cortex, a cap of gray matter that lies

behind the forehead. This region accounts for nearly a third of the cerebral cortex, the convoluted layer of neurons that gives the brain its characteristic color and surface texture. Most important, the prefrontal cortex is the province of personality, planning, insight, and other higher brain functions.

To explore this country of the brain, researchers have PET-scanned people as they perform mental tasks designed to light up the prefrontal cortex. A number of studies have now linked schizophrenia to abnormally low blood flow in the prefrontal cortex. This is especially true for those with the "negative symptoms" of the disorder -- emotional flatliners who can lapse into a state of apathy and insensibility.



"The bulk of the data to this point really leaves no doubt that there are abnormalities in the prefrontal cortex of schizophrenia," says Dr. Karen Berman, chief of PET scanning at the clinical Brain Disorders branch of the National Institute of Mental Health (NIMH). "Not everyone will agree with me that this is the case, but certainly the majority of the studies have found this."

Although the use of brain imaging to study schizophrenia

has grown enormously in recent years, neuroscientists haven't put their dissection knives on the shelf yet. Neuropathology -- the study of structural and functional changes in diseased brains -- has linked schizophrenia to subtle abnormalities in nerve-cell circuitry.

Researchers led by Harvard's Francine Benes, for example, have recently documented a surplus of nerve-cell fibers in the cingulate gyrus, a region of the cortex heavily connected to other cortical areas as well as the limbic system. In the same part of the brain, the researchers have found evidence of overactivity in circuits that use GABA -- one of the chemical messengers that relay impulses between neurons.

The crackle of so many nerve impulses in the cingulate gyrus, an important information processing center, may explain a common symptom of schizophrenia known as overinclusive thinking, says Benes. "In a crowded room, they can't filter out noise and focus in on one conversation," she explains. "Or, in a room where there's a lot of activity, they'll see everything with equal emphasis."

Anatomical explorations of the brain are pointing to the when of schizophrenia as well as the where. According to a popular theory, the disorder stems from errors in the formation of the fetal brain, perhaps caused by some sort of external brain insult. And

**YOU'RE LOOKING AT OUR SECOND SHIFT!**



Take advantage of after-hours banking with our convenient ATM.

*It's the little things!*

**CITIZENS NATIONAL BANK**

BOONE • 724 Story Street • 432-7611  
1207 S. Marshall Depot  
STRATFORD • 725 Shakespear • 838-2426

Member Hawkeye Bancorporation and FDIC



1512 S Marshall  
432-5573

**BUFFET**

All the Pizza, Spaghetti, Salad Bar, Potato Wedges, Soup, Cheese Bread Sticks, and Streusel Dessert You-Can-Eat!  
Monday - Friday, 11:30 am - 1:30 pm  
Sun. 11:30 - 1:30 & Tues, 5:30 - 7:30 **\$3.59** PLU41

**\$3.39**

Weekday Lunch

Not valid with any other offer or promotion.

Attention 916



Tenderloin dinner

FOR ONLY



716 Eighth Street—1326 South MEMI

Equal Opportunity LENDER

# Illness: schizophrenia

statistics studies support this theory: some pregnant women exposed to influenza or malnutrition give birth to children who develop schizophrenia at a higher rate than the general population.

Scientists at the University of California in Irvine recently turned up new evidence for the developmental theory. They focused their study on neurons containing an enzyme known as NADPH-d. Normally, these nerve cells cluster near the border between the cortex and the underlying core of "white matter" that makes up the bulk of the brain. However, in tissue from the brains of seven deceased schizophrenics. The scientists found very few NADPH-d neurons in and near the cortex. It turned out that the cells were still around, but lay deeper down in the white matter.

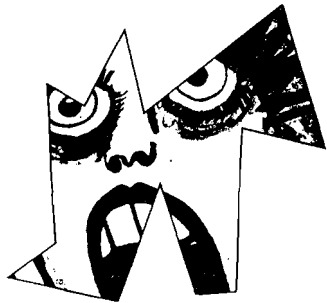
A few highlights from the annals of fetal brain development explain the significance of these results. The brain develops in an inside-out fashion. As neurons develop and multiply, they migrate outward to form specialized layers of cells and make connections to other brain centers. A process called programmed cell death helps to finish off this saga, pruning away any neurons that fail to make functional connections with other cells.

A failure in programmed cell death or a flaw in neuronal migration could explain the misplaced NADPH-d neurons, explains UC-Irvine

neuroscientist Schahram Akbarian. In either case, he says, the cortex and other areas of the brain may end up with faulty wiring, perhaps explaining some of the distortion of thinking and perception seen in schizophrenia.

Despite the recent cascade of anatomical and functional studies, the basic underlying causes of schizophrenia remain difficult to pin down. Does the disease trace to blood-starved prefrontal lobes, withered structures in the limbic system, and miswired circuits in the cortex?

A complex illness like schizophrenia cannot possibly have such simple causes, says University of Iowa psychiatrist Nancy Andreasen. "It's got to be much more from the interaction between a variety of brain regions," says Andreasen, who has studied the disorder for 30 years.



And the complexities don't end there. Scientists point out that it is misleading to use the singular term "schizophrenia" to describe a mental illness that manifests itself so many ways. "It's a word we use for convenience," says Andreasen. "I do not believe schizophrenia is one illness."

Just look at the symptoms: one schizophrenic hears voices, feels tormented, persecuted, and distressed; another feels apathetic, empty, and lethargic; still another laughs at inappropriate moments and speaks in a highly disorganized stream-of-consciousness: "What this is telling me is that there really are different brain systems involved, producing different clinical pictures," Andreasen says.

Tissue studies and brain imaging are bringing these brain systems into sharper focus, partially fulfilling the search for schizophrenia launched in the late 19th century. In research that earlier generations dismissed as "the graveyard of neuropathologists," brain scientists are beginning to expose the anatomical and functional roots of schizophrenia. "Suddenly," says Benes, one survivor of the graveyard, "an awful lot of people are seeing that there is something we can hope for, at least within our professional lifetimes."

"Anna" in *The King and I* won cheers from the sentimental and groans from the cynical with her song about putting on a happy face when she was afraid. Now a study from Paul Ekman at the University of California, San Francisco, and Richard Davidson at the University of Wisconsin, says Anna may have the last laugh.

The researchers reported in the journal *Psychological Science*, that one of 18 specific types of smile can "trigger feelings of enjoyment," even when the smile is faked.

A genetic mutation has been linked to an extremely rare disorder that produces aggressive and violent behavior in the men who have the disorder. The study identified the defect in several males in a single large family in the Netherlands. The affected men exhibited behavior running from impulsive and erratic to hostile and violent; they also were shown to have below average intelligence.

The researchers, led by Han G. Brunner at University Hospital in Nijmegen, the Netherlands, found the tiny error, called a "point mutation" in a single chemical building block for a single gene—the gene responsible for an enzyme called monoamine oxidase-a. The enzyme helps prevent the build-up of several important neurotransmitters that have a role in mood and behavior.

The findings, reported in October in the journal *Science*, are unusual in establishing a specific biological link for a behavior-aggression that scientists universally consider too much a mix of biology and environment to be easily attributed to particular genes and biochemicals. That complexity even applies to the new study itself. In a *New York Times* interview on the report, another

of the authors, Xandra O. Breakefield of Massachusetts General Hospital, noted that, even though the affected men in the family have the same gene defect, the degrees of problems they experience vary widely.

Two cell processes that contribute separately to nerve cell death apparently work together in certain degenerative brain disorders, according to a study in the journal *Science* (Oct. 29)

Joseph Coyle of Harvard Medical School, one of the authors of the study, said that toxicity from excessive stimulation by the neurotransmitter glutamate, together with stress produced by the damaging by-product of normal metabolism, oxygen radicals, "provide a final pathway for cell vulnerability in the brain."

If the way these two processes work together can be understood, it might offer a strategy for blocking the fatal course of degeneration without interfering directly with normal processes, Coyle suggested.

(Reprinted with permission from *BrainWork, The Neuroscience Newsletter*.)

## INTERNATIONAL STUDENTS AND VETERANS

Lynn Crenshaw  
of the  
International Student Office  
and the  
Veterans Services' Office  
will be at the  
**BOONE CAMPUS**  
from 9:00 a.m. to 1:00 p.m.  
on the **SECOND Wednesday**  
of each month.

Appointments are **NOT** required, but if you have a specific situation for which Lynn will need your file, contact her ahead of time at 1-800-362-2127, extension 6471 (International) or 6284 (Veterans).

DMACC students

3th St. 432-6065

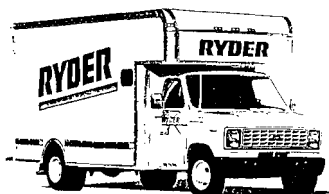
UPON

with 2 side dishes

\$2.89

BOONE BANK TRUST CO.

ory Street—Hwy. 169 at Boxholm  
ER FDIC

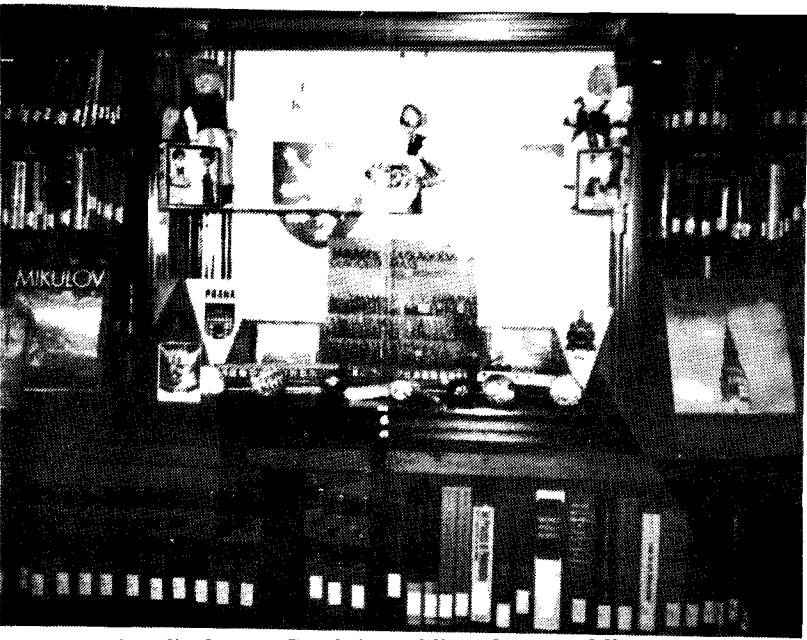


CONDON SERVICE LTD.

904-4th Street  
Boone, IA 50036



Authorized Dealer—Ryder Truck Rental



An extensive display on Czech Republic culture and literature has been arranged in the Boone Campus Media Center by Dr. Jim Bittner, co-chair for International Week on the Boone Campus.

## Boone Campus observes Czech week

By Charlene Patterson  
Bear Facts Writer

DMACC Boone Campus is currently celebrating Czech Republic Week. This marks the tenth consecutive year that the faculty, staff and students of all of DMACC's campuses have focused on a country to promote understanding of cultures throughout the world.

On Tuesday, April 5, Czech Republic Week was celebrated with a presentation by Professor

Milada Hiroschova. She spoke in the Boone Campus Game Room about social issues in the Czech Republic. Professor Hiroschova is the Director of the Department of Slavic Studies in the Faculty of Philosophy at Palacky University in Olomoc in the Czech Republic. She is currently a Fulbright lecturer in Czech language and culture at the Department of Slavic and East European Languages and Literatures at Ohio State University in Columbus.

## Take Drake or Grandview courses for DMACC credit

All prospective cross-enrollment students from DMACC wanting to take classes at Drake or Grandview at the DMACC tuition rate must meet certain guidelines, according to Linda Kayser, Student records/DMACC cross-enrollment specialist. These guidelines are as follows:

A student must be full-time (12 credit hours or more) at DMACC to register for cross-enrollment classes.

A student can take one class per term at either Drake or Grandview.

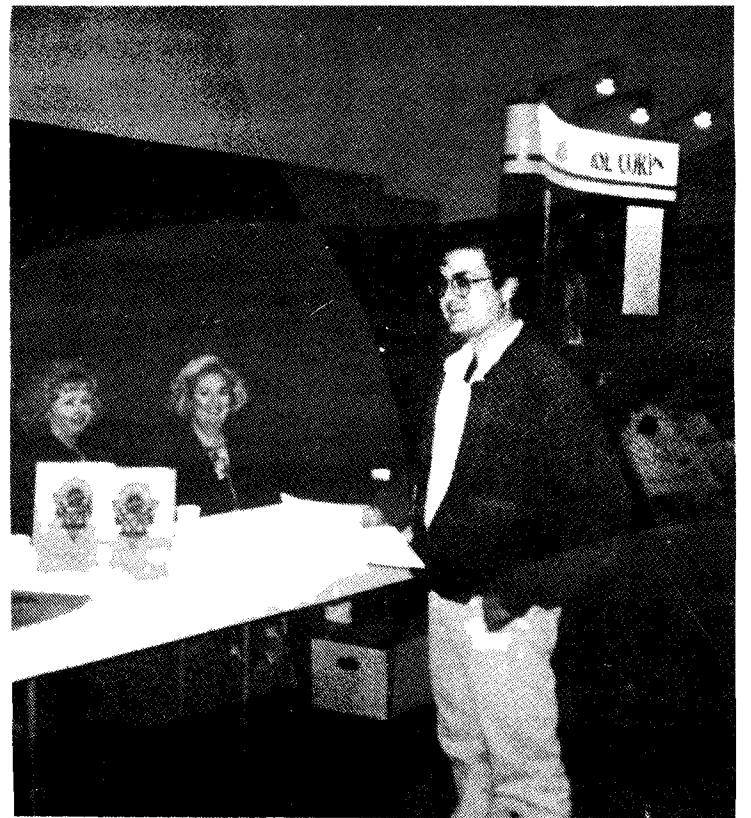
A completed Drake or Grandview registration form should be returned to the DMACC Student Records Office. It will be processed and sent to the appropriate school.

You will be notified prior to the start of the term if you were able to get a seat in the class you requested.

The credit you earn will be reflected on your DMACC transcript as transfer credit.

If you drop a cross-enrolled class or any DMACC class, it must be cleared through the DMACC Student Records Office, and the appropriate drop/add form will be used. You may pick up a drop form for any class in the DMACC Student Records Office, but the actual drop for Grandview or Drake classes must be done at the respective school. Remember if you fall below full-time prior to the end of the refund period, you will be charged full Drake or Grandview tuition.

It is your responsibility to make certain the class in which you are cross-enrolled will be acceptable for the degree you are pursuing.



John Roden, DMACC Boone Campus sophomore, looks around at Job Fair '94. Attendance at Job Fair '94 was down significantly from last year.

## Participation down at Job Fair '94

By Joel Wise  
Bear Facts Staff Writer

The second annual Job Fair for DMACC Boone Campus was held March 30, 1994, in the gymnasium. Mary Jane Green, one of the major organizers of the event said she was very disappointed with the turnout this year. Last year over 200 people showed up and presented so many resumes it was difficult to keep track of them.

This year only one resume was submitted.

The Job Fair was scheduled from 9 a.m. to 1 p.m. But because so few students showed up, all the businesses left around noon. Most of those employers came with job openings. Green said they probably won't be holding the Job Fair next year.

The \$100 scholarship door prize was awarded to Calin Landgraf, and the sweatshirt was presented to Robert Myers.


**SHORT-TERM HEALTH INSURANCE**

Are you

- ◆ between jobs or laid off;
- ◆ waiting to be covered under a group health plan;
- ◆ starting your own business;
- ◆ a recent college grad or young adult;
- ◆ or in need of temporary medical protection?

Ask about **LIMITERM** - a 30 to 180 day short-term health insurance plan. Call your American Family Agent today

**Diane Miller**



The Livery  
806 7th St.  
Boone 432-5363  
1-800-952-7806

**AMERICAN FAMILY INSURANCE**  
AUTO HOME BUSINESS HEALTH LIFE


American Family Mutual Insurance Company  
Madison, Wisconsin 53783-0001

**Tony's**  
*presents*

A good time every night

Mon. "Flash - Back to the 70's"  
Tue. \$4 all the draw beer you can drink  
Wed. Taco night  
Thu. \$4 all the draw beer you can drink  
Fri. Live MUSIC (no cover)  
Sat. Live MUSIC (no cover)  
Sun. Pool Tourny  
Fun Sunday activities

**1324 South Marshall**  
**432-6030**



**BOONE COUNTY COMMUNITY CREDIT UNION**

724 8TH STREET BOONE, IOWA 50036  
TELEPHONE: 432-1062  
MEMBER OWNED FINANCIAL INSTITUTION

# *A cast capable of murder?*



Mandie Kenyon, *Lydia*



Kasi O'Brien, *Fiona*



Jodee Phelps, *Addie*



Dan Vinnece, *Jordan*

**Out of Sight...  
Out of Murder**

Des Moines Area Community College Boone Campus Drama Department, under the direction of Kay Mueller, drama and speech instructor, will be presenting "Out of Sight...Out of Murder" at 8:00p.m. on April 7, 8, and 9 in the Boone Campus Auditorium.

The cost is \$2 for DMACC students and \$4 for the general public. Tickets can be purchased at the door.

(Emily Carlson, *Minna*, not pictured)



Justin Johnson, *Peter*



Michael Crusan, *Cogburn*



Valerie Carlson, *Kay*



Jason Buzzell, *Dick*

## Boone has room

By Joel Wise  
Bear Facts Staff Writer

Looking for a new place to live this summer to avoid that commute? If you think there is no place to live in Boone, here are a few suggestions.

Apartments range in price from \$150 per month to \$400 per month. Apartments are probably the easiest forms of housing to come by, simply because there are more of them. Apartments usually come in two forms, partially furnished and completely furnished: "partially" usually means a stove, refrigerator and some furniture. "Completely" usually means all of the above, plus all of the needed furniture.

Hotels start at approximately \$50 a month around Boone. Hotels usually don't have laundry services, cooking facilities,

or private restrooms. Another drawback to living in a hotel is that the single rooms are not furnished at all.

Motels start in price at around \$350 per month. Rooms are generally rented to two or more people. These rooms are usually completely furnished. One definite plus added to the motels is that the laundry and cleaning services are provided free. If you are lucky, some might even have a pool.

Houses range in price from \$300 a month to \$600 per month. These usually are rented by more than one individual and sometimes come completely unfurnished. More often than not, the utilities are separate from the monthly price.

If you still can't find any housing around Boone, you could try calling the Chamber of Commerce, asking them about available housing.



Chris Rose

"I will miss Chris very much"

Dean Philips

## Rose to leave Boone Campus

Linda Smith  
Bear Facts Writer

"I will miss Chris Rose very much. She has been both a professional and personal friend during my twelve years here. Her leaving will be a big loss to this campus," said Dean Philips of Chris Rose.

Rose, long time employee in the financial aid office will be leaving April 29, 1994. Martha Ballantyne, who works in the office with Chris, said, "Yea, wouldn't it figure? Get me to work here and then leave!" After a pause she continued, "Well, I guess that was twelve years ago."

After 18 years of listening to students' needs, fixing computer problems and answering countless

questions in the best way possible. Chris is looking forward to new and exciting things.

She will be traveling in her time off with husband Bill who owns Uncle B's Bagels. They will be going to Europe for three weeks and to an Army base in Germany where son Steven is stationed. In May she will be going to Portland, Oregon, to attend her daughter Brenda's wedding. After some rest, Chris intends to shine up her nine iron and play some serious golf and read the books she hasn't had time for.

Chris also intends to do some on-call work, bookkeeping that is. She says that is where her talents lie. Chris says, "I have always enjoyed working here and will miss everyone."

## Homelessness conference in Minnesota

Student organizers and others will convene Apr. 21-23 at the National Conference on Homelessness in Minneapolis to address the growing problems of homelessness and hunger that plague society.

"We don't have to settle for the confusion, anxiety and turmoil that have become the collective consciousness of homelessness," said Christine Byrd, vice president of the National Coalition for the Homeless. "We must recognize that we are part of the change. This conference can be the surge of out spirit in oneness to end homelessness."

The conference will cover such areas as actions which can be taken by homeless people, advocates and service providers, responses sought from the public and government, economic development, health care, and urban, suburban, rural and small city approaches to the problem.

Registration for the conference is \$145, and those interested are encouraged to call the Minnesota Coalition for the Homeless for information, at (612) 929-8538.

## DES MOINES AREA COMMUNITY COLLEGE BOONE CAMPUS 1994

### MEN'S BASEBALL

#### HOME

April 9	..... Kirkwood C.C.	1:00
April 10	..... Ellsworth C.C.	1:00
April 14	..... Grandview J.V.	1:00
April 16	..... IWCC - Council Bluffs	1:00
April 17	..... Longview C.C.	1:00
April 19	..... Indian Hills C.C.	2:00
April 21	..... Simpson J.V.	2:00
April 22	..... Grandview J.V.	2:00
April 23	..... SWCC - Creston	1:00
April 24	..... IWCC - Clarinda	1:00
May 7	..... SWCC - Creston	1:00

#### AWAY

March 19	..... Longview C.C.	1:00
March 20	..... NEO	1:00
March 21	..... LaBette	TBA
March 22	..... LaBette	TBA
March 23	..... Independence C.C.	4:00
March 24	..... LaBette	TBA
March 25	..... LaBette	TBA
March 29	..... Grandview J.V.	2:00
March 31	..... Grandview J.V.	1:00
April 1	..... Simpson J.V.	2:00
April 5	..... IWCC - Clarinda	2:00
April 7	..... SWCC - Creston	2:00
April 12	..... Indian Hills C.C.	2:00
April 15	..... SWCC - Creston	2:00
April 26	..... Ellsworth C.C.	2:00
April 29	..... Kirkwood C.C.	2:00
May 3	..... IWCC - Council Bluffs	2:00

### WOMEN'S SOFTBALL

#### HOME

March 31	..... Waldorf	3:30
April 1	..... NIACC - Mason City	3:30
April 4	..... Iowa Lakes C.C.	3:30
April 5	..... SWCC - Creston	3:30
April 12	..... Marshalltown C.C.	3:30
April 14	..... Ellsworth C.C.	3:30
April 19	..... IWCC - Council Bluffs	3:30
April 25	..... IWCC - Clarinda	3:30
April 26	..... ICC - Fort Dodge	3:30

#### AWAY

March 28	..... Ellsworth C.C.	3:30
April 2	..... IWCC - Clarinda	1:00
April 6	..... IWCC - Council Bluffs	3:00
April 8	..... ICC - Fort Dodge	3:30
April 11	..... NIACC - Mason City	3:30
April 16	..... Iowa Lakes C.C.	3:30
April 20	..... Waldorf	3:30
April 22	..... Marshalltown C.C.	3:30
April 27	..... SWCC - Creston	3:30

**DMACC**  
DES MOINES AREA  
COMMUNITY  
COLLEGE

## Teams get no break

By Rich Parizek  
Bear Facts Staff Writer

Spring break for college baseball teams usually means one thing, a week long trip to a Southern destination, and to play as much baseball as possible in the shortest amount of time. That's exactly what the DMACC men's baseball team did, playing fifteen games in a seven-day period and bringing back a 4-11 record.

The team started out on Sunday in Kansas City where they played Longview Community College and LaBette Community College. They then played a series against Northeast Oklahoma. On Wednesday the team traveled to Independence and returned to Kansas City for the remainder of the trip.

During their stay the team slept in school gymnasiums and showered in the locker rooms.

Coach Smith commented that "Even with the team being young and inexperienced they are starting to come together as a group."

### Women's Team Busy Also

Even though no games were played during spring break, the Women's softball team held various activities and even practiced. Wednesday March 24 was photo day, with the Media Specialist from Ankeny coming down to take the pictures. On Thursday and Friday, even with the less than ideal weather the team practiced outside. Then with snowflakes in the air on Saturday, the softball team took on their parents and coach in a scrimmage game. The players ended up winning, due in part to an error by Coach Schroeder.

"I still owe the team ten pushups for that one."

When asked how the study table was working Coach Schroeder commented, "So far, so good." Schroeder added that as of March 30th none of her players were in academic trouble. She also mentioned that she was in the process of handing out another progress report to her players.