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TECH ISSUE 1999

ACM teams up for another successful competition

By Steve Flemming
Staff Writer

The ACM (Association for Computing Machinery) Mid-Atlantic USA Programming Contest held Saturday was an eagerly anticipated event, and more exciting than most people would think.

"Most people think watching some 'geeks' sit at computers working out problems would not be exciting," said Dr. Antonio Siochi. "But when you are watching the scoreboard, and you see your which schools are doing what, it gets really exciting."

Held every year, the programming contest assembles the best programming teams in the Mid-Atlantic region. Held in Gosnold Hall, CNU hosted twelve teams coming from seven different schools. Each team wins a local competition to qualify for the regional competition held each year.

A five-hour competition, the programming contest presents three man teams with seven to 12 problems that Siochi said would take someone who just learned how to program two weeks to solve versus a few hours.

"What they have to do is design a solution for the problem, implement it, and submit the program for testing," said Siochi. "The team that solves the most problems wins."

If a team ties for the number of problems solved, the tie is broken by a count of the time taken to solve them.

With teams stationed in the computer labs, their coaches are moved to Gosnold Commons to eliminate any possibility of cheating. "The teams work hard, and they would not want to be accused of cheating," said Siochi. "But the coaches are sequestered to another area [Gosnold Commons] so there will be no suspicion of cheating."

Success in the competition is definitely a team effort. Though each team only has three members, they are given one computer to do all of the work to solve the prob-

"Most people think watching some 'geeks' sit at computers working out problems would not be exciting..."

-Dr. Antonio Siochi.

lems, which forces them to work together.

"They really have to work together and decide who is going to do what," said Siochi.

The team that wins the regional competition goes on to the International Collegiate Programming Contest, which will be held in Orlando in the spring of next year.

An internationally chartered organization, the ACM has been established on campus since 1994, and has fared well in competition from the beginning. The group really established themselves in 1997 when they placed fourth in the region, allowing them to compete in the world competition, where they came in 30th out of 50 teams.

"We have been really competitive ever since," said Siochi. "We usually place somewhere in the top 10 percent."

The team the currently has 26 members.

The experience has been rewarding for ACM president Mike Skrzynski, a member of two years. "I have enjoyed everything about the ACM," said Skrzynski. "In the two years I have been here, the ACM has grown in size and scope."

The organization also remains busy on campus. They offer tutorials on how to make web pages and use UNIX, sponsor lecture series with a variety of speakers, and organize field trips. There is also a web design team organizations on campus can go to for help in designing their web pages.

Photo by Jessica Daggett/ The Captain's Log

Photo Illustration by Tim Cline/ The Captain's Log



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Why worry about Y2K? All the details on...

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SPORTS
Women's soccer team scores with the best.

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Site allows students to bid for college

By Christine Tatum
TMS Campus

CHICAGO (TMS) — A new Web site is offering students and their families a chance to bid on the price of a college education.

The site, eCollegebid.org, made its debut in Sept. So far, no colleges have agreed to participate, but Todd D. Kelly, the site's creator, hopes to have 25 to 50 colleges signed up before the year's end. Applicants are not charged to use the site, but member institutions are expected to pay Kelly a yearly fee to participate.

Here's how the site works: After providing a variety of information — including standardized test scores, grade-point average and class rank in high school, intended major and desired geographic location — visitors to the site offer to pay a certain amount to attend college.

School officials review the bid and determine whether it's a fair offer given the applicant's attributes. If a college finds the bid acceptable, it responds to the applicant within 10 days.

Any college accepting a bid promises to assemble a financial-aid package that

meets all the applicant's costs for attending college. An applicant can accept or decline an offer or press to negotiate further, but is asked to respond within 30 days.

On the Web site, Kelly — a consultant who has worked for more than 30 years with colleges on issues concerning student recruitment and enrollment — explains the type of schools he's hoping the site will attract.

"They are mostly private colleges that are not 'household names' and do not often make the 'rankings' found in the popular media," he says. "They are, however, colleges that offer challenging academic programs of study, excellent athletic programs, and active student/social activities. Many of these colleges are simply not known outside their region."

Web-based bidding might be new, but wheeling and dealing for a college education isn't. Discounts for desirable students in the form of scholarships, grants and other forms of financial aid have risen at several colleges and universities.

According to The Chronicle of Higher Education, some private colleges now give back to students as much as 40 percent of

their tuition income in the form of scholarships and financial aid.

While the new site may encourage students to consider schools they wouldn't have otherwise, many college admissions officers caution that it's unwise to start a college search by focusing solely on cost — especially given that many private schools offer financial aid packages significantly cutting the price of tuition. They also encourage students to consider the entire spectrum of an institution's offerings before deciding whether to attend.

"Focusing only on cost is a bad thing because state and federal assistance programs really have been set up to let students have a choice," said Wendy Branham, assistant director of admissions for the University of Indianapolis. "Sure, people have to decide how much an education is worth to them, and that is a very personal, individualized decision. But it's amazing how many students miss out on the smaller, more personalized attention they can get at smaller private schools because they've heard that bigger schools are cheaper. That's not always the case."

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The Blotter: a look at campus police reports

By William Lee
Campus Correspondent - Western Illinois University

COLUMBUS, Ohio (TMS) — Ohio State University's student newspaper staff is wondering aloud whether workers within the school's athletics department might have removed 7,500 copies of a special homecoming supplement from a distribution stand near the football stadium.

Students working for the Lantern put their reporting skills to use and talked up sources who told them a member of the athletic department asked that the supplement not be distributed near the stadium because he and other athletic department staff didn't like the cover.

The suspect also allegedly asked when and where the newspapers would be delivered. The Lantern's circulation manager, Joe Fox, said he dropped off about 7,500 copies of the supplement on the morning of Oct. 30. When he returned a short time later, Fox said all the papers were gone. Many copies were found hours later in a nearby trash bin, but only 1,500 could be salvaged.

Witnesses working at the stadium reported seeing a group of college-age men dressed in scarlet jackets stack the papers on a cart and leave with them.

The Lantern's business office has requested an apology and \$6,000 because advertisers had to be reimbursed. So far, their request hasn't gotten very far with the athletics department. Andy Geiger, the university's director of athletics, said he knows nothing about the incident.

YPSILANTI, Mich. (TMS) — An Eastern Michigan University student recently was arrested on charges of using counterfeit \$20 bills.

Alim Butler has been connected to at least five separate incidents of counterfeiting in Ypsilanti, according to the Michigan Daily. Investigators believe Butler was purchasing the funny money from someone in Detroit and passing the bills in Eastern Michigan's student union.

An employee of a fast-food restaurant in the union reported to investigators that all of the fake bills received had the same serial numbers.

Butler has been out of prison for less than two years for an armed robbery conviction, according to the Michigan Daily. It's unclear whether Butler will also face federal counterfeiting charges.

EVANSTON, Ill. (TMS) — Police at Northwestern University have stepped up security since hate literature from the World Church of the Creator was recently found on campus.

The literature was found in the campus' fraternity quad and at the Sports Pavilion and Aquatic Center on Oct. 17, according to the Daily Northwestern. The group's Web site states its religious objective is to promote "the survival, expansion and advancement of the white race."

The literature drop-off comes within two weeks of World Church leader Matt Hale's announcement that he wishes to set up a chapter of the church on the NU campus.

As a result, campus police have increased security at NU's African American Studies office and Hillel Center, a Jewish cultural center. Police said they don't expect any incidents of hate — but don't want to take any chances, either. Evanston police also are on alert.

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THIS WEEK ON CAMPUS

Monday, November 8

No events scheduled

Tuesday, November 9

Career Info Day: Health and Human Services

SC Lounge, 10 a.m. - 1 p.m.

Health and Wellness Fair

SC Lounge, 9:30 a.m. - 2 p.m.

Wednesday, November 10

Career Info Day: Business, Science and Day

SC Lounge, 10 a.m. - 1 p.m.

University Health and Wellness Services Presentation - "Stress Resistance with Mona Tiernan, Psy.D."

SC 233, 12-1 p.m.

OCC Seminar - "Succeed at CNU"

SC 146, 2 p.m.

Act One Movie - "South Park the Movie"

Anderson Auditorium, 2 p.m.

Thursday, November 11

OCC Seminar - "Interviewing"

SC 146, 9:30 a.m.

OCC Seminar - "Anger Management"

SC 146, Noon

OCC Seminar - "Resume and Letter Writing"

SC 146, 1:30 p.m.

Friday, November 12

Act One Dance

Christopher's, 7-11 p.m.

Saturday, November 13

No events scheduled

Sunday, November 14

Catholic Campus Ministries - Eucharistic Liturgies

SC 150, 8:30 p.m.

Department Of Education Recalls Millions Of Financial Aid Forms

By TMS Campus

October 19, 1999

CHICAGO (TMS) — Talk about a big, resounding "Oops!"

The U.S. Education Department is recalling millions — that's right millions — of student-aid applications already distributed to colleges nationwide after discovering some mistakes on the forms on Friday, Oct. 15.

Most of the errors — spotted by college aid administrators who alerted the department — are on pages detailing where applicants should enter particular financial data.

Errors were found on pages instructing applicants where to list tax information and information about payments applicants may have made to tax-deferred pension and savings plans. Mistakes also were spotted

on forms people applying via telephone must complete and submit to the department.

The recall is expected to be a major nuisance to many colleges, which included the aid applications in admissions packets already sent to prospective students. The mistakes are perhaps also embarrassing to Greg Woods, chief operating officer of the department's Office of Student Financial Assistance.

Woods landed the job last year after Congress found major problems in student-aid delivery and stripped many of the department's heads of their responsibilities overseeing aid programs. Woods, touted as an executive with expertise in financial management, was hired to run the office's delivery systems.

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Rutgers Takes Lead In Cataloging Of Online Academic Data

By Courtney Little
Rutgers University

NEW BRUNSWICK, N.J. (TMS) — New innovations in computer technology are catapulting into the 21st century a little early — and ahead of other universities in the field of virtual course instruction.

Rutgers opened its new Virtual Biology Laboratory this fall to more than 1,700 students enrolled in general biology courses. The lab features RUNet 2000, a comprehensive video, voice and data system that lets students access course notes as well as archived video footage of past lectures.

It is only months away from being voice activated — an advancement that would allow students to say "Tell me about microscopes" and have the network immediately respond to them with the appropriate information. Eventually, the system will link all of the campus' buildings.

"This is a one-of-a-kind system," said Gary Gigliotti, director of the Teaching Excellence Center on the College Avenue campus. "No other school is doing it except us."

Gigliotti, along with Richard Triemer, a professor of biological sciences, and Rick Mammon, a professor of electrical and computer engineering, spearheaded the two groups of faculty members and graduate students who brought this one-and-a-half-year-old idea into existence.

Triemer, who led a group from the Department of Cell Biology and Neuroscience, said his "team's job was taking care of the actual biology aspect of the project." Mammon led multimedia systems experts from the Center for Computer Aids for Industrial Productivity to handle what Triemer called "the computer end" of things. Staff from the Office of Television and Radio worked to provide video footage supplementing the scientific information supplied to network users.

Student feedback will help fix "bugs in the system" that need to be worked out," Triemer said.

"Students are really going to see how their money is being spent with this new technology," he added.

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Campus Life

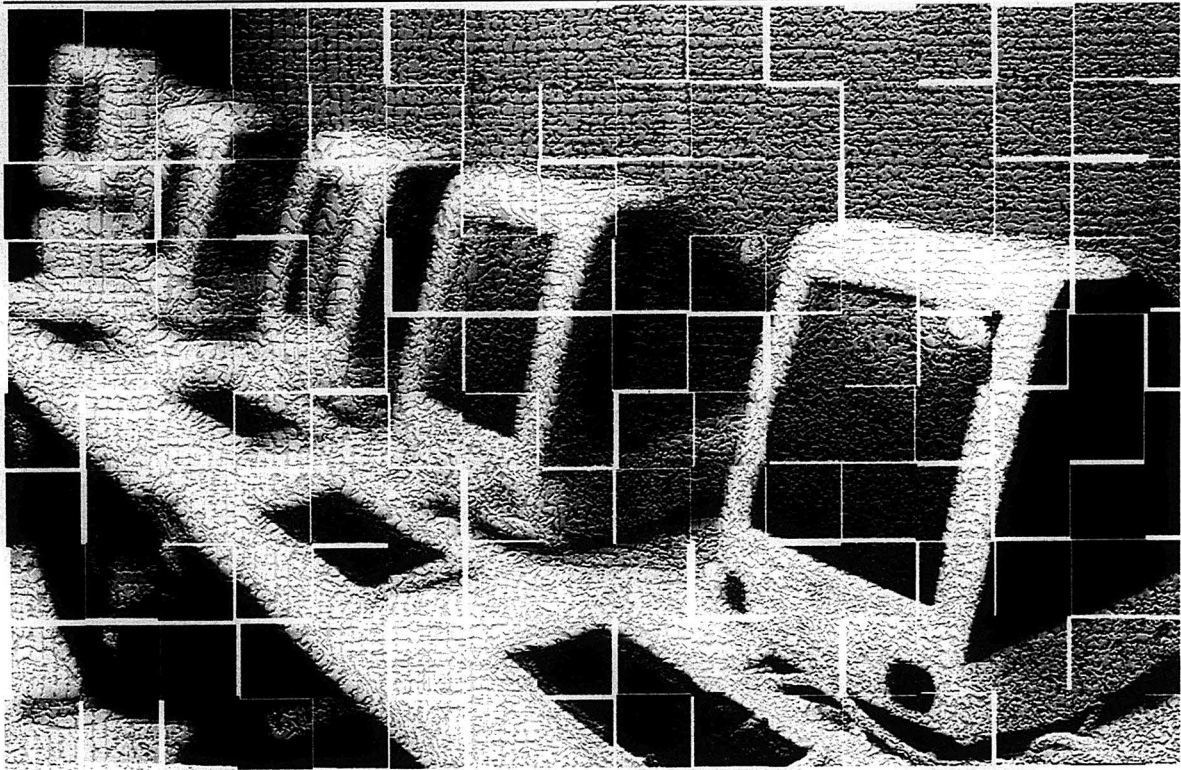


Photo by Jessica Daggett / The Captain's Log

Photo Illustration by Tim Cline / The Captain's Log

Millennium matters: why to care about Y2K

By Bill & Terry Sellers
Staff Writers

Well, the dreaded 9-9-99 date has come and gone without excitement. Let us examine the dreaded Y2K problem, and why to care about Y2K.

So how did this whole mess really get started? The following quote is from <http://www.y2knet.com/y2k/situation/articles/9903/brochure.html>:

"The Year 2000 technology problem, or bug, as it is sometimes called, was created in the early days of computers, when memory in computers was scarce and expensive. Programmers took shortcuts whenever possible to save space. Instead of using a four-digit code for year dates, a two-digit entry was used. This practice persisted, long after the need for saving space was eliminated."

I'M -66 YEARS OLD?! THE DOUBLE DIGIT DILEMMA

Let's start with an example. Say that Terry was born Oct. 1966. When we do the math to figure out her age using September 1999 as the current date we say 99 minus 66 giving 33. (Yes, she's REALLY that old.)

Now, if we were to move the date ahead to say, Sept. 2000, and we redo the calculation, it would be 00 minus 66, giving -66! This is the way the computer would really do the math. Have you ever heard of a negative age? (See <http://www.mitre.org/research/y2k/docs/PROB.html> for more details)

So you see, this is one of the problems that can occur if the computers, which do important things like payroll, are not fixed (made Y2K compliant) on or before Jan. 1, 2000.

Let's represent this problem in yet another way. The date 01-01-00 would not be interpreted as 01-01-2000, but rather it would be interpreted as 01-01-1900. So, we'll label the two-digit year representation as problem number one.

There are other problems that are not as obvious and not discussed as often as the software problem described in the previous paragraph.

There is also a hardware aspect to this problem, and this is what most of the utility companies really have to be concerned about.

RETURN TO SENDER -- 2000 DELIVERY NEEDS MORE MEMORY

Let's talk about a technical concept for a minute. Think of computer memory as a bunch of little boxes stacked on top of one another - kind of like the p.o. boxes at the post office, just without doors. Pretend that when things are stored in these post office boxes (memory), only one letter can go in each box. So you, as a programmer in say, 1975, would use only two of these boxes to store the year of a date because it is the standard that all programmers use.

Let us expand this analogy. Say you maintain a database for a company that has 2,000 employees. Every employee in the database has two dates associated with them: their hire and birth dates. And let's assume that you are storing a two-digit year. You would be saving $2 \times 2 \times 2000 = 8,000$ mailboxes of space! (That's 2 boxes for each of the 2 digits for the century that you're not including times 2 dates per employee times 2000 employees). Back when memory was very expensive this was a huge space savings.

Now in 1998 you are told that there is a problem with this two-digit year convention. You now have to fix all those programs that you have written in the last 23 years so that they can use four digits for the year instead of two. Wow! That's a lot of code to go back through and fix. Well, multiply that problem by every program that has been written since the beginning of computer time and you can see how much stuff really needs to be fixed.

SOFTWARE -- THE MISSING LINK

There is still more to consider.

When a program is first compiled (made into an executable form), it requires a few extra pieces of software. There needs to be the code (the program) and the compiler (the software that takes the code and makes it into an executable). Let me show that with a lame-looking picture:

Code $\xrightarrow{\text{Compiler}}$ Executable

Well, if all you have is the executable, and not the original code or even the compiler that made the executable, how in the world are you going to fix the program? OK, so we'll label the missing software issue as problem number two.

Since we're talking about software, this is probably a good place to throw in an explanation of the "9999" issue. The "9999" issue stems from the use of four nines as a way to signal to the program that there is no more data to read.

Since the date is thought of as 9-9-99, this was supposed to be a problem. In reality, when nines were used as a data terminator, it was 9999. Dates are usually thought of as 09-09-99; therefore, not a problem.

Y2K

Continued from PG. 3

BUILT-IN BARRIERS

Anyway, back to the hardware issue. Let's pick on the power companies of the world for a moment. There is a need for a lot of computers and electronic equipment to make a power plant operate smoothly. But it's not just the computers that you are used to seeing on your desk. There are a lot of little, teeny-tiny built-in electronics that make things run. These are called embedded systems. They are called "embedded" because they are built in (no way to take them out), and are an integral part of the system. So if these little pieces cannot be removed, how can they be made to store more than two digits? Well, they probably can't. And therein lies the problem.

For example, your microwave oven, security systems, VCRs, telephones and heating and air-conditioning systems all have embedded systems in them. Without replacing parts, there would be no way to fix the embedded systems problem. Again, let's think about all the microwaves, answering machines, etc. that there are in the world, and think of all the time and money that would be needed to fix them. We'll label the embedded systems problem number three.

LEAP YEAR LESSONS

Now for the final piece of the Y2K problem. The year 2000 is also a leap year. But some bozos (including programmers) do not understand the correct way to determine if a year is a leap year.

The following three rules which the Gregorian calendar uses to determine leap year are taken from <http://www.mitre.org/research/y2k/docs/PROB.html>:

1. Years divisible by four are leap years, unless...
2. Years also divisible by 100 are not

leap years, except...

3. Years divisible by 400 are leap years. So, there are a lot of programs that will think the year 2000 has 365 days instead of 366. The problem with that should be obvious. So, we'll call the leap year problem number four.

WHAT 2 DO

So what does all this stuff really mean? The web page <http://www.y2knet.com/y2k/situation/articles/9903/brochure.html> summarizes as follows:

"The potential effect of the Y2K technology problem on any of these areas is unknown, and the situation continues to change as federal, state, and local governments; industries; businesses; and organizations, as well as the general public, take actions to reduce the problem. For example, in some areas, electrical power may be unavailable for some time. Manufacturing and production industries may be disrupted. Roads may be closed or gridlocked if traffic signals are disrupted. Electronic credit card transactions may not be processed. Telephone systems may not work."

Some experts have revised their opinions of the Y2K effect in the United States, and are regarding the problem to be less serious than originally anticipated. They believe the effects will primarily concern finances. The logic goes something like this: utility companies, like the power company, depend very little on dates for production. The power plant does not need to know the date to produce electricity. Electricity itself does not care what year it is, and your vacuum cleaner does not care that the year will be 2000 when it uses the electricity.

The date does matter where billing and financial records are concerned. Imagine that, because of a date problem, the power company's billing computer thinks that you owe them money for the last 100 years. You would definitely receive a cancellation notice from the computer. It is also possible that the billing computers would fail to produce billing notices. In that case, businesses

Computers aid researchers in quest for life beyond stars

By Bill & Theresa Sellers
Staff Writers

CNU Students have found an unusual use for their computers - looking for ET.

Scientists at the University of California at Berkeley began a project searching for extraterrestrial life - with a twist. SETI@Home uses thousands of computers across the Internet to perform some of the advanced mathematics needed for finding a needle in a galactic haystack.

"We have started a team to process SETI data for UC Berkeley's SETI@Home project," said Jim McCracken, an Information Science Senior. "We are not sponsored or supported by CNU so anyone can join the team and help out."

You can access the team's web site at <http://geocities.com/seti@cnu/>.

The Search for Extraterrestrial Intelligence at Home (SETI@Home) is a scientific project to prove that extraterrestrial life exists. It uses the

Arecibo radio observatory in Puerto Rico to scan the universe for radio signals. Scientists believe that an advanced civilization would send a signal into space for others to find. Earth sent such a signal in 1974 from the Arecibo Observatory. A tape, containing received signals, is sent daily to UC Berkeley, which is uploaded to a server computer.

A program, provided by SETI@Home, is downloaded to computers across the Internet. As of this writing, more than 1.35 million users have signed up to participate, and more than 430,000 have participated within the last two weeks. The program looks in collected data for radio signatures which would indicate intelligent life. The program removes false readings from earth's telecommunications satellites, and doppler shifts induced by the earth's movement.



The program uses a computationally intensive algorithm called "coherent integration" to sort out the unwanted radio signals. This is the most computationally intense search to date. The program installs itself as a screensaver on most personal computers and workstations, becoming active when the computer is not needed. The program will automatically download a sample of the data, process it, and send the results back to UC Berkeley.

In this manner, thousands of computers cooperate to process the radio telescope data.

Your participation could list you as a co-researcher if your computer finds intelligent life. SETI@Home follows an international protocol for announcing such an event, if it ever should occur.

You can access the SETI@Home web site at <http://setiathome.ssl.berkeley.edu/>.

would be severely impacted, because very few can operate for long without cash flow.

Experts recommend that you keep printed copies of all financial transactions until well into the year 2000. If you bank with your per-

sonal computer, you should maintain printed copies of all transactions in 1999.

Since we really don't know what will happen on January 1, 2000, the best advice is to plan for the worst, and hope for the best.



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Internet gives shopping for music personal touch

By Mike Claar
Staff Writer

Here we are in the digital age, or at least what will suffice until someone invents a better, faster way to waste time. Wasting time is what brought me to this week's topic, the internet music scene. I took a little break from my very important, busy schedule to search the web for you dear reader. I stuck to the more popular websites, a few of them I had never been to before, and I was pleased by the little surprises they held. I needed something to compare them to, so at each site I got as much information about the Virginia Beach band Lucky Town as I could.

First, I snagged an mp3 player. There are plenty out there to choose from at sites like www.winamp.com, www.real.com, and www.mp3.com, but my favorite is Sonique at www.sonique.com. Sonique is by far the most confusing of all the players, but when you finally figure out what you're doing you're re-

warded by cool psychedelic images that play along with the music.

With Sonique by my side, I headed back to www.mp3.com to get my first piece of digital music. Mp3.com holds a plethora of music, categorized into ten times as many genres as I knew existed. The catch is, you have probably never heard of these artists. Other than a couple featured popular artists, the site is pretty much a haven for unsigned artists, who are probably unsigned for a reason. But I did find one little gem. After waiting about fifteen minutes for my first mp3 to download, I listened to Mark Pylik, an unsigned singer/songwriter from Ontario who definitely has some talent. The site also features artist bio's and a store to buy self-released albums from these artists. Last thing I did before I left was perform a Lucky Town check. Yep, there it was: you can download a copy of their current local radio hit "Simple", and it will guide

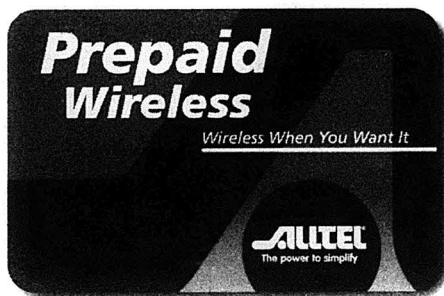
you to where you can buy their self-released album.

Earlier this year, the internet's two most popular music retailers merged into one store when Music Boulevard was dissolved into CDNow (www.cdnow.com). Since then, CDNow has been striving to be more than just where people with credit cards buy CDs at two in the morning. They offer news, interviews and mp3s of their own to attract customers. It works too, CDNow often gets interviews with big name artists, and the fact that the whole store seems to be indefinitely on sale keeps people coming back. Speaking of prices, they are more reasonable than you would think. Single albums can go as high as \$18.00, as low as \$8.00. When I cannot find a CD in the stores, I always go here, and they always produce, even if it has to be imported. Unfortunately, CDNow offers no Lucky Town. Try again.

The best surprise of the evening was the LAUNCH website (www.launch.com).

Launch is a CD-ROM entertainment magazine that has been around for about the last half a decade. The website for Launch, however, is a huge library of music videos free to watch via the Real Player G2 (www.real.com) or Windows Media Player (www.microsoft.com). The best thing about the site is that it's a great opportunity to see the bands I never get to see on MTV (Gomez, Radiohead), while still being a good place for kids who just haven't had enough Britney and Limp Bizkit. LAUNCH also features news, upcoming releases, reviews and the ability to personalize the page to your preferences. But there's no Lucky Town.

Most of these sites act as gateways to even more sites, but I guess I don't have to tell that to today's techno-savvy youth. I hope you are able to use these sites to your advantage and to open up your horizons. I have one more suggestion: for your sake, have a faster modem than I did when I did this. The music is cheap, but it's not fast.



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Pursuit of many endeavors natural for Hibler

By Erin Zagursky
Staff Writer

The pursuit of a Ph.D.—quite a noble endeavor.

In order to meet this goal, you must somehow survive the awkwardness of high school, the freedom of college and the unbelievable demands of a Master's degree program. And just when you think that your brain will surely explode if you ask it to analyze one more problem, you enter a doctoral program where you learn the true meaning of the word "exhaustion."

Those who survive these twenty-plus years of education are proud of their title of "Doctor." They wear it like a Medal of Honor, knowing that it was awarded for years of sleepless nights and near-supernatural determination. Once you've been through a doctoral program, the thought of doing it again does not often cross your mind.

However, after graduating from the University of Texas with a degree in Physics, Dr. David Hibler thought that getting a second doctorate in Computer Science seemed like a natural progression.

"It's always interesting to try to do something new," Hibler says.

That seems to be the philosophy of his life.

Hibler was raised in Houston, Texas. After graduating high school, he studied Physics and Cosmology at the University of Texas. After completing a Master's program at the University of South Carolina, Hibler returned to Texas, where he completed his doctoral degree in Physics. While teaching at Charleston's Southern University, Hibler became interested in computer science. He returned to the University of South Carolina to study computer science and ar-

tificial intelligence, achieving that second doctoral degree.

"Some people think that it's amazing," Hibler says, as he smiles and shrugs off the comment.

In 1989, Hibler began his teaching career at CNU. The double-degreed doctor thoroughly enjoys his position here as it allows him to be an instructor, an advisor, a colleague, and a researcher.

"I like the variety of academic life. I like interacting with students," Hibler explains. As the graduate coordinator for his department, Hibler can interact with many students with whom he has collaborated on many different computer-related research projects.

Hibler also enjoys the variety within his department. "My department is nice because it's interdisciplinary," he says. "There's a class that we're offering next semester in astrophysics that I'd actually like to take."

And that is what seems to move him on: the need to know, the need to learn, the need to progress. Currently, Dr. Hibler is working with NASA on an artificial intelligence program in which computers have neural nets that can recognize various images. One of the goals of his research is to make computers think like humans. Hibler admits that computers don't presently have nearly enough power to accomplish this goal, "but computing power doubles every couple years," he adds.

His projects will undoubtedly match that growth. "When I get into something"—as he has done with his research on artificial intelligence—"I have a tendency to really get into it. It's like inertia."

Hibler smiles at the thought, "I'm hard to get started, but once I'm started, I just keep going."



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By Dave Gosselin

Loss of "Sweetness"

The National Football League suffered a heartbreaking loss last week when we all were surprised by the passing of Walter Payton.

A 13-year member of the Chicago Bears, Payton holds three NFL records and was elected to the Hall of Fame in 1993.

Payton holds the record of career rushing yards with 16,726, holds the single game rushing record with 275 yards in one game and has carried the ball more than anyone in history with 3,328 carries in his career.

Payton broke O.J. Simpson's record of most yards in a game by two.

Payton also had 10 seasons where he rushed for 1,000 yards or more in a season.

Mike Ditka, who coached Payton for six years, called Payton "the best football player I've ever seen."

Perhaps he was the best player ever. He was two-time MVP and won a Super Bowl in 1985. And he has been mentioned in the same sentence with Gale Sayers, Jim Brown and O.J. Simpson.

I'm not a Bears fan. I am a Giant fan by heart. But I had a lot of respect for Payton on the field. He was the icon of Chicago sports in the early 80's.

Michael Jordan said that Payton "was a great man off the field, and his on-the-field accomplishments speak for themselves. I spent a lot of time with Walter, and I truly feel that we have lost a great man."

Payton was a smooth runner who finessed his way to break Jim Brown's record of rushing yards in a career.

He is a person that loved to play jokes right up until his death. He seemed to be a bright spot on anything dark around.

Personally, I liked watching Payton run the football. As far back as I can remember, he always gave the crowd a good show and was never a disappointment.

I'd like to say thank you Walter. You were never a disappointment on the field. Your stylish north/south running was always a pleasure to watch.

Payton made the Bears. With help from Coach Mike Ditka, the punky QB Jim McMahon and Mike Singletary, Payton was the man that made things happen.

You are going to be missed Sweetness. I hope that, wherever you end up, you are happy. And I also hope that you watch your son, who is a freshman at the University of Miami, follow your footsteps and have as much success as you did.

No. 34, you made the Bears and set the tone for things to come.

You will be missed.

SPORTS

Women's soccer has successful year

By Dave Gosselin
Staff Writer

CNU's women's soccer team finished their 1999 season with more wins than in their first two years combined, 12.

With a record of 12-3-1 overall and 5-1 in the Dixie, head coach Jen Clark couldn't have asked for a better season, except maybe a Dixie Conference Championship which they fell short on in a 3-1 loss to Dixie Champion N.C. Wesleyan.

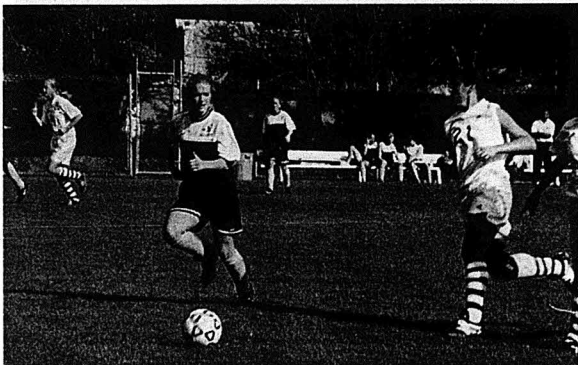
"We came in looking for a .500 season," Clark said. "This was a huge improvement from last season."

The Lady Captains started off their season in the same fashion as they did last year. They defeated Virginia Wesleyan 1-0 on the road. They then tied Mississippi College 1-1 playing at Busch Field in Williamsburg. After a 6-1 victory at Chowan, the Lady Captains suffered a tough 2-1 loss to Division II Barton College at home. They then traveled to Ashland, Va. and defeated nationally ranked Randolph-Macon 2-1, which started a six game winning streak.

The streak ended with a 3-0 loss at Southern Vermont. They then won four of their last five games with their only loss coming at the hands of N.C. Wesleyan.

They also established that they can hang with the better teams. They defeated Randolph-Macon on the road and suffered a one goal loss to Barton and a two goal loss to N.C. Wesleyan, where they were leading 1-0 at the half.

"We have to take what happened in those big games and learn from them,"



Junior Jennifer Callaway tries to outrun a Gallaudet defender for possession.

Photo by Erin Zagursky/The Captain's Log

Clark said. "We will take the positives from this season and channel them towards next season."

The Lady Captains return everyone from the 1999 season. This will be their first season with seniors and they will look for bigger and better things.

They will look for more leadership from their seniors and their younger players will mature and become stronger players.

"A lot of our success was attributed to hard work in the spring and teamwork as

well," Clark said. "With more hard work this spring, we will be able to compete with the best teams and beat the best teams."

Clark hopes to look for the same success next year as they "improved so much from the 1998 season."

"Our success this year was more than what I was hoping for."

The Lady Captains should have the same success in the 2000 season as they did in 1999. Returning the same team that went 12-3-1, they should have no problem accomplishing that feat.

Payton died with same dignity in which he lived

By Bernie Lincicome
Chicago Tribune

CHICAGO -- Walter Payton always got up. Always. For 13 years with the Bears, he took every hit, survived every collision, confronted every menace, shook off every tackle, always gave better than he got. Walter Payton always got the extra yard. Always.

He was the rock of the Bears, the one to take the ball every time anyone wanted to hand it to him, and he outlasted a full dozen Bears quarterbacks, any one of whom can claim no higher accomplishment than having handed the football to Walter Payton.

The Bears' quarterbacks were the page-turners at the grand piano and Payton was the maestro, a football virtuoso. Payton played the sweetest music. Always.

He could throw the football and he could catch it. And when it was someone else's turn, he could block. Payton loved to block. One of Payton's fondest memories was picking up Lawrence Taylor on the

blitz.

Payton was the toughest Bear, tougher than Butkus or Ditka or Hampton. Tougher than Halas. Payton has more records than any Bear, is held in more hearts than any Bear. Forever.

"Records," Payton once said, "are like dreams. They're good when you're having them, but when you wake up, you've forgotten what you were dreaming about."

The day he ran for 275 yards, breaking O.J. Simpson's single-game mark by two. It was typical of Payton's lot. Not just that he was so ill with the flu that he wasn't sure he would make it through introductions, that he sucked it up and excelled, it was that Payton worked by accumulation, not by inspiration.

Payton led the NFL in rushing only once, in 1977 with 1,852 yards, he had more than 1,000 yards for 10 seasons in a row.

Someone always seemed able to find a back better at one thing than Payton, but no one ever has found a back better at everything than Payton.

Payton did not play high school foot-

ball until the 11th grade in Columbia, Miss. He liked music and preferred the band. The first time he carried the ball, he ran 60 yards for a touchdown. Music never missed Payton and football was blessed to have him.

Ditka did not give Payton the ball in the Super Bowl to get an easy touchdown. He gave it instead to William Perry. In one of the few times Payton hinted at any selfishness, he admitted he was disappointed.

"I don't mind being a rabbit," Payton said.

But of course he did. And that's the way he finished with the Bears. His diminished status didn't bother him as much as the thought that maybe he was hurting the Bears by taking up a roster spot out of sympathy.

Never the optimist, Payton was a realist. Tomorrow is promised to no one, he said.

"It's just a matter of time," Payton said. "The law of averages will catch up with you."

What a cruel law.

CALENDAR

MON

No
Games
Scheduled

TUE

No
Games
Scheduled

WED

No
Games
Scheduled

THUR

No
Games
Scheduled

FRI

No
Games
Scheduled

SAT

at
Division III South
Regionals in
Sewanee, TN.

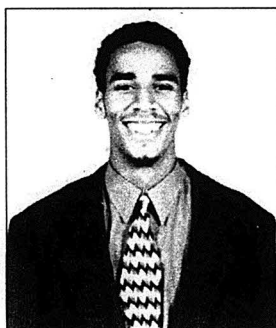
SUN

No
Games
Scheduled

Preview of the Captains 1999-2000 season



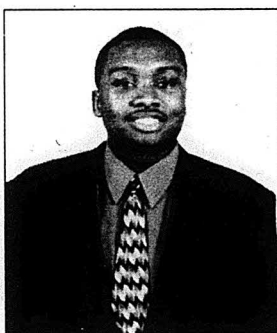
Jimmy Moorman
Senior, Guard



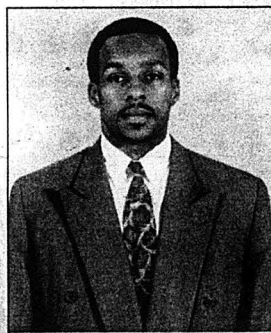
Brandon Jones
Senior, Wing



Tiran Matthews
Senior, Wing



Antoine Sinclair
Junior, Forward



Kenny Stokes
Senior, Forward



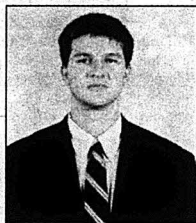
Head Coach
C.J. Woollum



Assistant Coach
Roland Ross



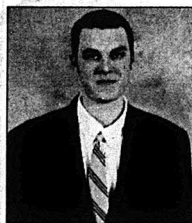
Assistant Coach
Jon Waters



Ben Matthews
Senior, Wing



Emery Knight
Senior, Center



Craig Dorosewicz
Junior, Center



Donte Henderson
Junior, Wing



Albert Haskins
Sophomore, Guard



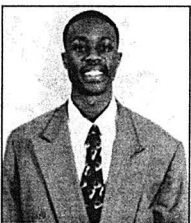
Aaron Morris
Sophomore, Guard



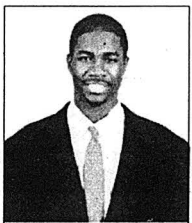
Jeremy Boykins
Freshman, Wing



Louis Park
Freshman, Wing



Daniel Plummer
Freshman, Center



Tyrell Veney
Freshman, Forward

Captains hope depth can will continue their winning ways

By Dave Gosselin
Staff Writer

The men's basketball team should be a sight to see this season.

The Captains return nine players from last year's 22-5 squad that won the Dixie Conference regular season and tournament champion. The Captains also return their starting line-up from last season.

Returning this year are seniors Brandon Jones, Tiran Matthews, Jimmy Moorman, Kenny Stokes, Ben Matthews and Emery Knight, who didn't play last year due to a knee injury.

Also returning are juniors Antoine Sinclair, Craig Dorosewicz and Donte Henderson as well as sophomore Albert Haskins.

Newcomers this year include sophomore transfer from Florida St. Aaron Morris and freshmen Jeremy Boykins, Louis Park, Daniel Plummer, and Tyrell Veney. Most will probably see significant playing time this season.

The Captains expect to be competitive once again this year and gain the all elusive bid to the NCAA Tournament. They will use their traditional balanced effort on offense and defense as well as experience to get back to the tournament.

CNU has no easy schedule this year. The Captains should have no problem in the Dixie, but face multiple tests in each of their tournaments. They host St. John Fisher, who participated in the NCAA Tournament a year ago in the Days Inn/CNU Invitational as well as Hunter College, also in the NCAA Tournament last year, Lebanon Valley and Muskingum College in the Ramada Inn/

Captains Shootout. Muskingum's head coach just happens to be the president of the National Association of Basketball Coaches.

The Captains open the 1999-2000 season against Washington College at home. Washington returns three All-Conference players. They also defeated Franklin & Marshall, who is a respected Division II program, in the NCAA Tournament. CNU also travels to Virginia Wesleyan who was predicted to finish second behind Hampden-Sydney in the Old Dominion Athletic Conference.

The Captains hope to close out Ratcliffe Gym on a positive note. So don't forget to come out and support CNU in their quest to return to the NCAA Tournament.



Junior Laura McFerrin trots back after trying to score against Gallaudet.

Photo by Erin Zagursky/The Captain's Log

Lady Captains end season on a good note by clinching second in the Dixie Conference

The Lady Captains soccer team clinched second place last weekend by defeating Methodist 6-3 before they beat Gallaudet 4-0 on Saturday.

CNU finished the season 12-3-1 overall and 5-1 in the Dixie Conference. Their 12 wins were more than the combined total of their first two years victories. They won five games in each of their first two seasons.

CNU scored three goals in seven minutes to take the tempo of the game away from the Monarchs.

Against Methodist, freshman Jessie Robins scored twice and juniors Sabrina Kirkley, Jenn Headrick and Laura McFerrin scored once. Freshman Amy Petko finished off the scoring. Kirkley and sophomore Becky Cheely had the assists.

Sophomore keeper Kim Hughes made four saves in the victory.

The Lady Captains took on Gallaudet the very next day and came away with a 4-0 victory.

Four different CNU players scored in the game. Juniors Jenn Callaway and McFerrin each scored, as well as Cheely and sophomore Heather Vance.

Four different Lady Captains had assists. They included juniors Kirkley, Elke Reidspoor and Headrick, as well as freshman Erin Smith.

Hughes made no saves as the Lady Captains outshot the Bisons 50-0.

This is the second time the Lady Captains held an opponent shotless. The other came last season against Chowan.

Of the 30 marks listed in the CNU record book, this year's squad broke or tied 24. McFerrin led the team in goals with 16 and points with 35. Robins was second on the team in goals with five and third was Callaway with four. Smith, Petko, Vance and Headrick all had three goals each. Petko led the team in assists with seven. Vance added five assists and Headrick contributed with four. Petko was second on the team in points with 13. Vance and Robins each had 11 and Headrick finished with 10 points.

In goal, Hughes played the majority of the games and finished with a 1.09 GAA and had 30 saves total on the year.

SPORTS SHORTS

Men's soccer sweeps awards in the Dixie Conference

Ryan Haggerty was named men's soccer Player of the Week for the week of Nov. 1.

The sophomore from Va. Beach scored the winning goal in overtime to lift CNU to a 2-1 victory on the road at Salisbury St. on Wednesday, Oct. 27.

Ryan Whinery was named Rookie of the Week for the same week.

The freshman from Houston, TX scored the first goal in a 2-1 victory over Salisbury St.

Sachs breaks into the soccer record book

Senior Steve Sachs broke into the CNU record book last Wednesday in his final home game of his career when he assisted on two goals against N.C. Wesleyan to give him 33 assists in his career.

Sachs broke Chris Frazier's record of 32 assists set in 1983-86.

He has a total of nine assists this season and still has an opportunity to widen the gap, with two games remaining.

Men's soccer reenters national rankings for a second time

The men's soccer team reentered the national rankings for the week of Nov. 1.

The Captains were ranked 22nd in the nation. It was the first time they had been in the poll since they were ranked number nine in the country three weeks ago. During the week, they tied Roanoke College 1-1 in the monsoon and lost at Greensboro 2-1. The loss, coupled with the tie, dropped CNU out of the top 25.

The Captains also remained third in the South Region when they defeated Salisbury St. on Wednesday, Oct. 27 on the road.

South Region

1. Mary Washington 13-3-1
2. Greensboro 11-3-1
3. CNU 10-4-1
4. Salisbury St. 14-3-0
5. Emory 10-2-3
6. St. Randolph-Macon 13-3-1
7. Hampden-Sydney 10-5-1
8. Virginia Wesleyan 10-6-1
9. Savannah A&D 7-5-0
10. Maryville 10-5-1

Lady Captains rebound from dismal 1998 season

The volleyball team completed a stunning turn-around-going from last place in the Dixie Conference last year to third place in 1999-with a victory at N.C. Wesleyan last Tuesday night.

CNU won, 13-15, 15-9, 15-5, 15-12, to close Dixie play with a 19-12 overall record and 6-6 conference mark. Last year CNU was 7-26 and 1-11.

Last Tuesday's win, coupled with a Methodist loss at Averett, pushed CNU into uncontested third place in the league.

The Lady Captains were led by Oksana Boukhina, who had 20 kills and 12 digs. Heather Vaden added nine kills and 17 digs, Heidi Jackson contributed 38 assists and 15 digs, Lindsay Sheppard had 11 kills, eight digs and five service aces and Jennifer Wood added 10 kills and 21 digs.

CNU's 19 victories equaled the second highest total in school history.

The Lady Captains also won 19 matches in 1983 and 1996. The school record is 32 set in 1985.

The volleyball team split a pair of matches at the final Dixie Conference Round Robin of the year, two Saturdays ago at Methodist.

CNU stopped the hosts, 15-8, 15-6, 15-10, in the first match as Boukhina had 13 digs, five kills and three blocks. Vaden added eight digs, Jackson had 27 assists and six digs, Sheppard contributed 12 kills and six digs and Jenny Steele had six blocks.

Later, CNU fell to Greensboro, 15-12, 15-7, 15-2, as Boukhina had nine digs, Vaden six digs and seven kills, Sheppard 11 digs and six kills and Jackson 10 digs.

CNU will compete in the Dixie Conference Tournament Friday and Saturday at N.C. Wesleyan.

Overall, Boukhina led the team with 3.46 kills per game and a .239 attack percentage. She was second on the team with 322 kills. She also averaged 2.94 digs per contest.

Vaden led the team with 343 kills and was second with 2.96 kills per game. She was also second in overall digs with a total of 342 and in digs per game with 2.95.

Sheppard led the team with 358 digs and 3.14 digs per game. She also led the team in aces with 58 and aces per game with 0.51 and was third in kills per game with 2.28.

Jackson led the team in assists with 931 and 8.70 assists per game.

Volleyball team grabs three post-season honors

The volleyball team took home three post-season honors for the first time since 1989 in the balloting for the All-Dixie Conference team Wednesday. Sophomore Oksana Boukhina earned first team All-Conference honors, junior Heather Vaden was named to the second team and coach Ken Shibuya was selected as Coach of the Year, in a vote of the conference Sports Information Directors.

Boukhina became CNU's first choice on the first team since 1995 when Tiffany Libeu was chosen. She leads CNU in attack percentage (.239) and blocking (1.05 per game) and is third in digs (2.94) per game. Vaden is second in attack percentage (.185) as well as digs (2.95) and is third in service aces (.34).

Shibuya, in just his second year at the helm, directed an amazing improvement in the Lady Captains. A year ago CNU was 7-26 overall, 1-11 in Dixie play and finished last in the conference. This year, at the conclusion of the regular season, the Lady Captains are 19-12, 6-6 in the Dixie and in third place.

Captains finish home schedule with 6-0 win over N.C. Wesleyan.

The men's soccer team scored three goals in each half and went on to a 6-0 win over N.C. Wesleyan Wednesday at Captains Field.

CNU got on the board early in the first half when Oscar Gomez-Romero rocketed a shot past Bishop goalkeeper Rob Nydick.

Later in the half Shadi Abi-Saab scored with an assist from Ryan Whinery. Then Gomez-Romero gave CNU a 3-0 halftime lead on a penalty kick late in the half.

Mike Parolisi scored twice in a minute and a half in the second period, and Abi-Saab got his second goal of the game two minutes from the end.

Steve Sachs recorded two assists in the second half, setting a new CNU career record for assists with 33.

Goalkeeper Kevin Huylebroeck was forced to make just one save as the 22nd ranked Captains outshot N.C. Wesleyan, 18-6.

CNU is now 11-4-1 and 3-1 in Dixie Conference play. They closed their regular season with games on the road at Averett and Ferrum this past Saturday and Sunday.

Men's and women's Cross Country teams earn perfect scores at Dixie Championships

The men's and women's team each had perfect scores of 15 to sweep the Dixie Conference championships in Greensboro, N.C. on Saturday, Oct. 30.

The men took the first eight places and had nine runners earn All-Dixie Conference honors.

After CNU, Averett was second with 82 points, Methodist was third with 90, Ferrum fourth with 108, Shenandoah fifth with 116 and Greensboro sixth with 133.

Senior Andy Riley won the individual title with a time of 27:13.

Also earning first team All-Conference honors were senior Jon Leggett, (second in 27:32), freshman Matt Sinclair (third in 27:55), freshman Chris Chapel, (fourth in 28:18), senior C.L. George, (fifth in 28:21), sophomore Joe Hembrook, (sixth in 28:25) and sophomore Chris Carter (seventh in 28:28).

Making second team All-Dixie Conference were sophomore Ralph Denton, (eighth in 28:47) and freshman Brian Trekle (12th in 29:49).

The women, who also scored a perfect 15 points, were followed by Averett with 97, Greensboro and Shenandoah which tied with 98, Methodist with 99 and Ferrum with 109.

Freshman Danielle Mahoney won the individual championship with a time of 19:53.

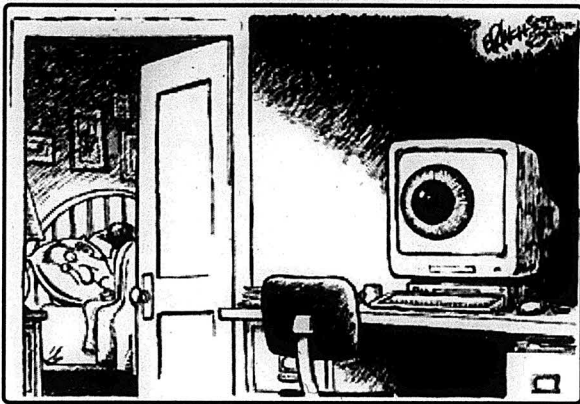
Also on the All-Conference first team were sophomore Lisa Garner (second in 20:55), sophomore Kathleen Crouch (third in 21:09), freshman Crystal Lassiter (fourth in 21:10), freshman Lindsay Newell (fifth in 21:16) and junior Faith Swanson (seventh in 21:30).

On the second team All-Conference was junior Jen Watkins, 11th in 22:17.

CNU competes next in the NCAA South/Southeast Regional in Sewanee, Tenn., Nov. 13.

Coming Next Issue

◆ Women's basketball preview.



Use your freedom
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THE CAPTAIN'S LOG

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Bridging the gap with Bill Gates

By Clarence Page
Tribune Media Services

If Microsoft chairman and co-founder Bill Gates thinks he can buy my admiration by pledging a billion dollars to minority scholarships, he's right, not just because it is generous, but also because it is clever. Figure it out: The more college-educated Americans we have, the more PCs are likely to be sold, which means more money for Microsoft, the world's biggest maker of computer software.

And by targeting minorities, particularly blacks, Hispanics and Native American Indians, Gates helps expand the slowest growing racial market for computer use.

All of which illustrates something I have been arguing for years, that wise investments in the poor — investments that help the needy to become self-sufficient — pay back huge dividends for everybody. What's good for Gates is, in this case at least, good for America.

In today's information age, the digital divide not only parallels the divide between the races and the classes, but it actually widens the gap. The Commerce Department's latest report on the computer gap between the races and regions of America, "Falling Through the Net," finds a dramatically close relationship between college education, PC use and online access.

For example, Americans with a college education are about four times more likely to have on-line access (38.4 percent) than those who have only high school diplomas (9.6 percent) and almost 10 times more likely to own a PC (63.2 percent) than those who have no high school education at all

(6.8 percent).

The Commerce Department's report also found that, except for Asians, non-whites lag behind whites as a group in both college education and computer ownership.

Worse, the digital divide actually has grown in recent years. Despite increases in computer ownership by blacks and Latinos, whites bought even more. As a result, the gap between blacks and whites grew from 16.8 percent in 1994 to 21.5 percent in 1997. For blacks and Hispanics, it grew from 14.8 percent to 21.4 percent during the same period.

Unfortunately, Internet illiteracy shuts out those who, in many cases, can benefit the most from Web access. Besides offering homework help, the Web offers information and access to jobs, loans, scholarships, health care and, of course, the news.

Youngsters can even find a mentor at Web sites like "imentor.org" that hook them up with grown-ups who work in fields that the kids are interested in and who are willing to answer questions and offer encouragement by e-mail.

Today we are witnessing the early stages in the formation of a new class structure: the information rich and the information poor, a split-level social structure that parallels America's growing gap between economically rich and poor.

A recent study by the Center for Budget and Policy Priorities, called "The Widening Income Gap," says the rich-poor gap is wider than any time since the Great Depression, not just because Bill Gates and other rich people are getting richer, but also because the poorest fifth of Americans have seen their after-tax income decline over the

past 20 years.

Gates, who reportedly is worth \$90 billion, and his wife Melinda are pledging at least \$1 billion to fund full scholarships for at least 1,000 high school students a year over the next 20 years for minority students in education, math, science and engineering.

The program, called the Gates Millennium Scholarships, will be open to all racial minorities, but it will be especially be aimed at closing the gap between the rates at which black, Hispanic and Native American Indian students attain advanced degrees in math and science, compared to whites and Asians.

Beginning in the fall of 2000, applicants must be high school seniors with a 3.3 grade average and a commitment to some form of community service, which they will describe in an essay.

Good for Gates. Plenty more needs to be done. Information-poor communities need more support from programs like the government-mandated E-rate programs that are beginning to wire public schools across the country with billions of dollars provided by telephone companies and us, their customers.

We also need to encourage more local Community Technology Centers, a network of more than 300 local centers nationwide (www.ctcnet.org on the Web) that makes Internet access available to users of all ages on a walk-in basis in low-income communities.

Yes, Gates is providing an important role model for other high-tech firms to emulate. More should follow his example. Investing in people pays back huge dividends.



Liz Tuckerman:
"My car because there's no way I could get to all the places where I need to go on foot or on horseback. My car enables me to function."



Dr. Roark Mulligan:
"My brain, my car, and my personal computer."



Amanda Culter:
"I couldn't live without my telephone. I use it too much to live without it."

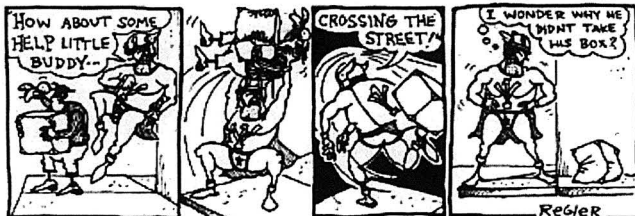
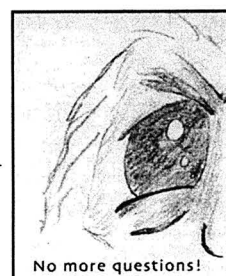
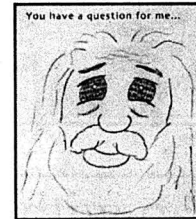
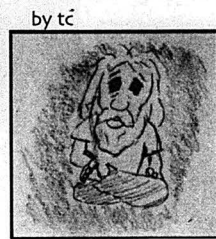
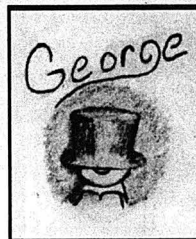


Willie Carter:
"I have those types of things, and I use them. But there's really nothing that I couldn't live without."

Question of the Week

What piece of technology could you not live without?

COMICS



classifieds

Soccer team: Always World Cup players to me. Kim: Blooming onion. Ashley: Where's Angel? Hotty Kim: Off day fun. Mayi: Happy b-day! My Burg Crew: cute costumes. Shi-Mo's: Thanks 4 the love. Shannon R.: Out and about. Naughty: Blinding me. Koonitz: Setting down the law! Rice: w/the Mojo! Katy: Help magnet! Pat B: (182 degrees)

TRAVEL

#1 Spring Break Vacations!
Cancun, Jamaica, Bahamas, Florida
Best Prices Guaranteed!
Free Parties & Cover charges!
Book Early & Receive Free Meal Plan!
Now Hiring Campus Reps!
1-800-234-7007

Childcare Teachers and Van Drivers Needed

6:30 - 8:30 am and 2:30 - 6:00 pm shifts.
Emmanuel Lutheran School and
Childcare,
Hampton. Call 723-8782

Free CD of cool indie music when you register at mybytes.com, the ultimate website for your college needs.

\$25+ Per Hour!
Direct sales reps needed NOW!
Market credit card applications.
\$5 per app, we help you get started!
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At this time you might be asking yourself...

What the heck are the Tape-A-Quarters?!

Tape-a-Quarters serve a number of purposes. Slap a 25 cent piece on that little form you see at the bottom right-hand corner of the page and fill it up with whatever information you wish.

Perhaps you want to send message to a friend (silly, serious, unintelligible, whatever). Got someone special? Let them know how much you care in a Tape-A-Quarter.

Maybe you've got a bone to pick with someone and want to air it in public (though try not to be too offensive or vulgar).

If you've got something you want to sell or buy, your seeking a roommate or tutor or simply need to get a message out to the general campus population, you can run an ad in a Tape-A-Quarter.

Or just fill the form up with whatever silly nonsense, gibberish, quotes or deep thoughts might strike you as important.

In other words, just about anything goes (for the official, break-these-rules-and-risk-imprisonment rules, consult the two columns on your right.)

Place the form in the Captain's Log's Tape-a-Quarter box in the Student Center (next to the copy machine) and we'll print your message in the next issue.

Get your Tape-A-Quarter in the Next Captain's Log

Tape-A-Quarter Classifieds are for students, faculty, staff and members of the alumni society only. Simply write your ad and tape a quarter to it.

• Rates are \$0.25 per ad for six (6) lines or 60 words, whichever is less. Ads exceeding six lines will not be run.

• All ads are run in one issue only. For multiple runs call MS. CLASSIFIED (594-7196) for further information.

• Tape-A-Quarter Classifieds must be submitted on an official Tape-A-Quarter form. Forms can be obtained from The Captain's Log, newspaper stands. Ads submitted on anything other than the official form WILL NOT be published.

• Included on the form must be your name, phone number and the date that ad was submitted. Failure to include such information will result in ad not being run.

• Tape-A-Quarters must be left in

our convenient drop-box located on the first floor of the Campus Center next to the Game Room or by mailing to: The Captain's Log, Classified Department, 1 University Place, Newport News, Virginia 23606.

• DO NOT bring Tape-A-Quarter ads to our office.

• Tape-A-Quarter ads are published on a space available basis. Those ads which are not published because of space constraints will be published in the next issue.

• The Captain's Log is not responsible for lost, misdirected or late Tape-A-Quarter ads.

DEADLINE for all Tape-A-Quarter Classifieds is NOON on Wednesday the week preceding publication. Publication dates are available upon request. For more information about our classifieds, call Mr. Classified.

official tape-a-quarter form

THE CAPTAIN'S LOG

tape quarters here

name, phone number and today's date (required)

print message below. do not exceed six lines
