



# BANKS *of the* *Boneyard*

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## 1988 ACM Computer Science Conference in Atlanta, GA

### *From the Chair*

Five officers of the ACM at UIUC recently returned from a trip to the **ACM Computer Science Conference**, CSC '88, held in Atlanta, GA on February 23 - 25. At CSC '88, ACM at UIUC represented the University of Illinois at the Student Chapter Committee meeting and was able to make contacts with officers of the Association, corporate representatives, and other ACM Student Chapter officers. Each officer from the ACM at UIUC brought home valuable information.

Upon arriving at Atlanta, I was quickly introduced to the organization of ACM National or more properly called "the Association." The Association is

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## Engineering Open House Wrap-Up *CS-EOH Takes Three Honors*

Well, it's over! After all the planning and work, the 1988 Engineering Open House came off in fine style. The Department of Computer Science was represented by eleven individual exhibits. Compared to past years, we fared very well. The **Personal Calendar**, presented by Kathy Boka, won a fifth-place ribbon in a field of twenty-eight projects competing in "Projects That Show Engineering in Today's Society". The **Apple Tablet** came away with third place honors among fifteen entries under "Exhibits That Reflect Tomorrow's Society" thanks to Vince Menees, Joseph Proctor, and John Griffin. And our interdisciplinary project with Bio-engineering won first prize. Although the SIGMUSIC project, **Composing Music on a Computer**, didn't place in the top five, it did

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## Illinois Researcher at ACM Conference

In addition to the five ACM members who attended the 1988 ACM Sixteenth Annual Computer Science Conference in Atlanta, Georgia, the University of Illinois was also represented by Bob Sum, a graduate student in the Department of Computer Science. Bob is a member of the SAGA Project research team headed by Professor Roy Campbell, and he participated in the Conference's technical sessions by presenting a paper concerning an overview of SAGA's work since the early 1980s.

The SAGA (Software Automation, Generation, and Administration) Project research includes building models of software development tasks (such as specification, validation, design, implementation, etc.) that accurately reflect the processes involved and have direct and efficient implementations. Bob discussed SAGA's success in construction of a prototype software development environment named ENCOMPASS. It supports the entire software development life-cycle and allows for the automation of development steps which greatly enhance the quality and efficiency of software production and maintenance. ENCOMPASS includes some configuration management and well-defined project management goals. He also presented the current SAGA research into configuration management and project management which have capabilities beyond those of ENCOMPASS.

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## From the Chair

run at the top level by a council referred to as Headquarters. Below Headquarters is a collection of Boards including the Chapters Board and the SIG Board. Each Board oversees numerous committees as in the case where the Chapters Board oversees the Student Chapter Committee.

The first point of business for the ACM at UIUC was for Rich Bloch—our Newsletter Editor—and myself to attend the Student Chapter Committee Meeting. Prior to this meeting of the Student Chapter Committee, Rich was appointed as the second of only two students to sit on this committee. Rich is to head a subcommittee that will look into establishing a national student chapter newsletter. He reported to the committee on the success of the **BANKS OF THE BONEYARD** here at the University of Illinois at UC and passed around issues to the committee members. Other issues discussed at the meeting concerned a student publication similar to the **Communications of the ACM** but geared to the student population. A couple of suggestions were discussed and then a proposal was presented to another board for consideration the following day. In addition to these items, the usual votes to recommend new student chapter charters and place existing student chapters on probation or deactivation was conducted. The ACM at UIUC currently stands in good favor with the Association.

While we were at the Student Chapter Committee Meeting, Anna Minkov—chairperson of Departmental Committees for the ACM at UIUC—was busy talking to representatives of a national computer science honorary society. She was getting information and contacts so that a chapter of this society can be chartered here at the university.

Also at CSC '88, Jeff Wilson—Chairman of the Lectureship Series Committee—was able to meet with student officers from Illinois State University. He discussed the plans for a lectureship tour between the universities for a couple of ACM National Lectureship speakers.

Other contacts were made by Chris Fuller—Director of the ACM at UIUC MacLab—with people from the Next and Pixar corporations. Chris attended many of the seminars and lectures and will have a summary of those happenings in upcoming issues of the newsletter.

During the course of the three days, we were able to hear talks, panel discussions, and presentations of papers at CSC '88. In fact, a couple of students from the University of Illinois at Urbana-Champaign formally presented their work. Bob Sum's interview appears in this issue.

We would like to thank the Department of Computer Science for granting our request for assistance on this trip. And, we encourage all ACM at UIUC members to become active in the ACM at UIUC and consider going to the 1989 Computer Science Conference in Louisville Kentucky next year.

—Robert A. Camp, Chairman

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## Engineering Open House Wrap-Up

get on television. Observers of the EOH scene noted that this year's Computer Science exhibits were visited by more people than ever before, even considering the low overall turnout due to the bad weather.

Congratulations are in order to Bio-engineering, who won the Best Department award for the first time since entering the Engineering Open House competition in 1979, with individual exhibits placing in seven out of eleven categories (including Central Exhibit). Agricultural Engineering, another perennial EOH power, placed second, and Electrical & Computer Engineering came in a strong third.

When analyzing the content and style of the winning displays for insight into the secret of their success, we realized that most of them didn't present ultra-new or leading-edge technology. Instead, they dealt with some well-established area of their respective disciplines, and presented it in a way that could be well understood within the 5-minute time constraint on presentations. They were also appealing in some kind of visual or conceptual way. In the case of the winning Central Exhibit entry, the concept was biodegradable plastic. The second-place entry was a huge bright blue contraption supporting yards of ribbed white plastic hose, which illustrated an elementary concept in Nuclear Engineering. In both instances, the initial attraction was supported by a tight, clean presentation, but alone it wouldn't have been enough. Almost any new and potentially interesting idea can be presented so that it bores people.

It can also be presented so that it ignites people's imaginations. The Apple Tablet exhibit had no hardware (not counting the overhead projector), but it was a great concept that was well presented.

Next year, we are aiming toward about 30 exhibits in order to have a chance at Best Department. The success of this effort will depend mostly upon the students, as it did in the case of Bio-engineering. There are already a few ideas floating around that would make fine EOH projects. We want to hear from you, the faculty, staff, and students in the Department of Computer Science. Give us some feedback in the form of criticism, comments, praise, ideas for next year, or other observations. If some of the criteria mentioned brings anything to mind, take a couple of minutes to write it down and let the ACM at UIUC know about it.

We are grateful to Professor Ray for putting so much time in. Francis Merrifield was invaluable in helping set up the Trailer Lab and loaning hardware for Central Exhibit. Angela Lin produced a very nice poster to advertise our department, and Joe Marciak did some nice artwork also. I especially want to thank ACM members who blew off class on Friday and took time to hang around and lend a hand with all the stuff that had to get done. We accomplished our goal of building a solid base of experience which we can apply to compete in future years, not only for individual honors, but for that traveling Best Department trophy now in the hands of Bio-

engineering!

The Computer Science - Engineering Open House awards will be put on display in the ACM case in Digital Computer Lab.

For more information, you can contact me at the ACM Office (333-5828), call me at home (344-1717), or leave me e-mail at walquist@s.

—Chris Walquist,  
CS-EOH Chairman

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## The 1988-89 ACM at UIUC Election Results

The results for the 1988-1989 executive elections are in. At the close of the last ACM General Meeting held on Wednesday, March 2, the following ACM at UIUC positions have been filled:

Rich Bloch — Chairman  
Lisa Marchese — Vice Chairperson  
Scott Ernsteen — Treasurer  
Chris Walquist — Secretary

These executives-elect will begin their term April 1, 1988. The ACM at UIUC Committee appointments will be made at the next ACM General Meeting scheduled for Wednesday, April 6 at 5:00 pm in 314 Altgeld Hall. In addition to committee appointments, this meeting will focus on the ACM at UIUC Special Interest Groups (SIGs). All SIG members are required to attend. As always, refreshments will be served.

—Kathy Boka, Secretary

## 1988 ACM Computer Science Conference *A Rhetorical Look at Our Atlanta Shindig*

Okay. Well it's been a couple of days since the big ACM Atlanta shindig. And by now we've all had a chance to drop back into the cycle of everyday university life.

The trip was a good trip. It began as planned and ended on a surprising note. Late Monday night or very early Tuesday morning, after collecting and

signing and collating a myriad of university-embossed vouchers, claims and receipts signed twice, the ACM at UIUC acquired an official (official papers bring about official approvals) university red GMC High Sierra van. It can comfortably seat eight or nine medium-to-large sized adults and maybe even a large domestic pet or two for company on the trip. No

pets on this particular trip, though.

Five persons went along on this sojourn across the heartland of good America: Bob Camp, Anna Minkov, Jeff Wilson, Chris Fuller, and myself. On the way, we ate modestly, stopping off for a quick breakfast of waffles and grits at a chain truck-stop called the Waffle House. Some two dozen Waffle Houses litter the roadsides and towns between here and Atlanta, Georgia. That's a lot of waffles, and even a lot more grits. Grits, you know, are a pasty mash of some southern-born grain indigenous to all Waffle Houses it seems. Ground up hominy, I think, but it wasn't crucial for us to find out: we didn't stop off at any more Waffle Houses. And none of us ordered any more pasty grits.

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## Design Automation Graduate Scholarships

The ACM SIGDA and the IEEE DATC will be sponsoring scholarships to support graduate research in Design Automation. Two new awards of \$8,000, and up to \$16,000 in renewal of previous years' grants will be awarded directly to the selected universities.

The universities receiving the awards will then be free to use the money in direct support of one or more of its Design Automation graduate students as outlined in the proposal. The Principal Investigator of the project receiving the award will then be expected to submit a brief report of the year's activities supported to the SIGDA newsletter at end of the year.

Applications for new or renewal scholarships must be submitted by a faculty advisor or department chairman and should include: (a) a brief biography and transcript of the student(s) proposed for the scholarship; (b) a paragraph for each student proposed outlining his or her goals and objectives; (c) a brief proposal of the way in which the grant is to be expended; (d) a brief statement of the impact of the scholarship on the Design Automation Program at his or her institution.

Applications should be received by April 18, 1988 by:

H. H. Loomis, Jr.  
Department of Electrical and Computer Engineering, Code 62Lm  
Naval Postgraduate School  
Monterey, CA 93943-5000  
For more information, contact Hersh Loomis at  
(408) 646-3214 or on MILNET at loomis@nps-cs.ARPA.

Notification of the awards will be made on May 2, 1988.

—Lisa Marchese, Vice Chairperson

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## Illinois Researcher

Bob felt that the ACM Conference in Atlanta provided a good opportunity for various research groups across the country to talk about their current research ideas. Researchers had a chance to talk about their "pet projects" and tales of success in their research areas. He felt that conferences such as the ACM Conference also are an appropriate forum for more general and developmental research in lieu of technical journals which may require a more specific and polished research product.

—Tom Begnel,  
Newsletter Staff

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## 1988 ACM Computer Science Conference

Twelve hours of driving a GMC High Sierra is a commute with the true inner self. The driver must spend hours in total isolation behind the wheel of this economized, sensory deprived greyhound bus. Passengers sit relaxed hundreds of yards from the driver. And once realizing that in the course of conducting the vehicle from here to there, the driver realizes that he literally cannot touch the dashboard or doors or windows of the High Sierra due to its cavernous interior, he is shocked into complete sensory deprivation.

Singing 99 bottles of beer on the wall was brought up twice during the course of the Atlanta-bound trip. Both times, the chant was condemned into silence. An invasion of the driver's personal space and communion with his inner self was the all-important deciding factor.

And while driving was inspirational to the lucky individual strapped securely behind the wheel of the GMC High Sierra, deep sleep seemed to prove to be a comparatively active pastime. Our primary hypothesis for sleeping on the very precipice of such an auspicious ACM event was the singular fact that nestling down into the fine, buttersoft Corinthian leather seats urged the complete necessity to fully recline and ultimately sleep. It turned out though that GMC only provides its High Sierra economy greyhound bus line with molded vinyl benches as a standard feature. Sleep then, it was determined, was due to boredom.

Mid-day we finally arrived at our destination. Atlanta, Georgia: the peachtree state. Weather hadn't really changed on the trip south and a bit east. It was still pretty cold. But we had arrived intact. We had made it.

After checking into our hotel—the American Hotel conveniently located in cleanly downtown Atlanta—everyone took quick showers and prepared for their respective meetings at the 1988 ACM Computer Science

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### ***Grits, you know, are a pasty mash of some southern-born grain indigenous to all Waffle Houses***

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Conference. Suit coats were pulled from hangers; ties were snugged up and straightened; and notebooks and newsletters were tucked under everyone's arms. We were ready.

It's about here where our University of Illinois clan split up and trundled off in different directions. Bob and I were expected for a 2:30 (or was it 3:30 eastern standard time?) meeting with the ACM Student Chapters Committee.

It was a bit of a surprise to walk into a conference room in the Atlanta Peachtree Westin Hotel, sit down amongst professors and heads and associate heads of departments from universities and

colleges across the country, look at the agenda that was handed to me, and realize that my name was listed there under Student Newsletter. Now it's not a surprise to me that I was to work on this newsletter: I had previously talked with the committee chairman about it at the ACM/IEEE Fall Joint Computer Conference held in Dallas, Texas last October. But as it turned out right there and then as I was sitting waiting for this particular conference to begin, that I had been appointed as a committee member of the ACM National Student Chapters Committee. Surprise.

A quarter of an hour later, I gave a very brief, impromptu presentation on what I planned to do with the Student Newsletter, and of course, being Newsletter Editor of the ACM at UIUC, passed out copies of the ***BANKS OF THE BONEYARD***. The committee liked what they read, and presumably, they liked what they heard too.

The remainder of the Student Chapters Committee meeting was delegated to such interesting affairs as the chartering and dechartering of ACM Student Chapters around the country. I was actually quite surprised to find out that some of the leading universities ranked high in degree programs in computer science were losing their ACM chapters. I don't think it'd be fair to say what universities these happened to be, but if the loss of student interest in computer science and applications beyond purely academic study is any indication of a faltering

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## BANKS OF THE BONEYARD

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### ACM Conference

curriculum, then these universities are in for some rough times ahead, and the University of Illinois at Urbana-Champaign is clearly on the road of an academic leader. But enough of this soap-box discourse. It's all speculation, and the committee meeting did run a good long time. We were all fatigued from the road trip. And my thoughts could very well have been muddled in the helter-skelter events of the preceding days.

Tuesday evening was well spent. Everyone had earned themselves a night out on the town of Atlanta. Chris made some excellent headway in getting some prominent speakers in the field of supercomputing to lecture here at the ACM at UIUC later in the year. Anna did her part in bringing the possibility of a national computer science honor society to the University of Illinois at Urbana-Champaign. And Jeff—in cooperation with fellow ACM members at Illinois State University—scheduled speakers for the ACM National Lectureship series. But let each of these folks tell their own story. The upshot of it all was that Tuesday night was our time to relax.

Wednesday was almost a repeat of Tuesday—sans the road trip. Meetings, meetings, meetings. I followed up on leads and potential university and college representatives interested in both the local ACM at UIUC **BANKS OF THE BONEYARD** newsletter, and the national Student Chapters newsletter. Everyone else similarly continued scrounging up hot tips that might bring the University of Illinois an exclusive interview with say, some leading

### SKATE DATE UPDATE!

Hopefully, everyone out there is getting prepared for the upcoming ACM Late Night *SKATE DATE*. I have been getting lots of favorable feedback and there is a fairly large turnout expected. But, for those of you who have not been following this space closely, let me review the details.

The ACM at UIUC is sponsoring the ACM Late Night *SKATE DATE* on Tuesday, March 22. The party starts at 11:20 pm on that night and we have the UIUC Ice Arena (on the corner of Fifth and Armory) for two hours of undisrupted skating frenzy! All ACM at UIUC members and friends are invited to attend. The only requirement is that at least one member in the group bring a valid ACM at UIUC membership card.

The party is FREE!! The only cost is fifty cents for ice skates if you don't already own your own.

So, wake the kids and phone the neighbors. You're not going to want to miss this fantastic party: the ACM Late Night *SKATE DATE*!

—*Scott Ernsteen, Social Chairman*

entrepreneurial figures in computer science. Well, it is possible. But more on that later.

Thursday was set aside for packing and frantic last minute attempts to contact those important mysterious people that probably own an answering machine, car phone and satellite beeper on their belt because they're always somewhere besides where they're supposed to be. A strategically-placed business card usually does the trick, though. Ties were packed away, and suit coats hung back on their hangers. That monstrous university red GMC High Sierra crawled out of hibernation, and the representatives for the 1988 ACM Computer Science Conference from the University of Illinois at Urbana-Champaign were on their long haul back north once again.

My own personal thanks goes to the Association and Dr. Robert Cupper—Chairman of the ACM Student Chapters Committee—and the ACM Student Chapters Committee for appointing me member of the committee.

And special thanks—of course—goes out to the Department of Computer Science here at the university for making it possible to send the ACM at UIUC to this year's conference. Much was immediately accomplished while we were in Atlanta, but perhaps more importantly was the rapport that we've established with business persons and academic colleagues as representatives of the University of Illinois at Urbana-Champaign.

—*Rich Bloch, Editor*

## ACM SIXTEENTH ANNUAL COMPUTER CONFERENCE

As has already been stated, over the three days of February 23-25, five of us represented our student chapter of ACM at the ACM Sixteenth Annual Computer Science Conference in Atlanta, Georgia. Aside from the prominent speakers and enlightening panel discussions, we made some valuable contacts that will, hopefully, eventually reflect on our chapter of ACM, or the computer science department at this university. Most of what went on is covered somewhere in this issue

of the newsletter, as well as my "claim to fame" which follows.

The conference program contained in it a national meeting of Upsilon Pi Epsilon, a national Computer Science honorary. I did not know one had existed. It was very curious that, to the best of my knowledge, our campus was not affiliated with it. After all, given this department's reputation, etc. ...

As the meeting progressed, I learned more about this

organization. Upsilon Pi Epsilon is the first, and only, existing national honor society for the Computing Sciences, active since 1967. Its primary goals include "the recognition of outstanding talent in the field of Computing Science" and "the promotion of high scholarship" in the field. Currently, UPE has chapters at seventy seven universities across the country, including the University of Illinois at Chicago. Some of the neighboring midwest chapters are at Western Illinois University, University of Michigan, University of Wisconsin, and Iowa State University. Most of the chapters present at the meeting in Atlanta were represented by faculty members of their respective universities, who gave brief reports on the activities of their chapters. Activities included wine and cheese parties, for more informal CS student - faculty interaction (these were very popular, for some reason), various plant trips, and new students' receptions.

## New Computer Fee Site Opens

With the advent of the new computer fee, there have been several new computer sites opening on campus. One of the latest labs is now located in the Undergraduate Library.

Charles Forrest, media coordinator, was pleased to announce that the DOS lab was nearing completion. The site is located in the northeast corner of the upper level of the undergrad library, across from room 289. Twenty-four IBM PS/2 Model 30's with 20 megabyte hard drives and color monitors occupy the lab which is a part of the media center. The hard disks contain WordPerfect, Volks Writer, and student versions of DBASE 3 Plus, and Lotus 1-2-3. Full versions of Lotus 1-2-3, DBASE, RBASE, and Microsoft's Excel and Word will be available for use.

Although the lab is not quite finished, 6 IBM Proprietary/2's will be installed along with one HP LaserJet laser printer. A student site attendant will be available for help and software support. The lab will be open:

|               |                     |
|---------------|---------------------|
| Monday-Friday | 8:00 am - 12:00 pm  |
| Saturday      | 9:00 am - 12:00 pm  |
| Sunday        | 12:00 pm - 12:00 pm |

Mr. Forrest would like to encourage students to participate in the development of the lab with their input as to how the site could be improved. He would also like to thank the computer fee advisory committee for their continued support.

—Eric Sean Parham, Contributing Editor

Among some of the things done on the national level of this association, Upsilon Pi Epsilon presents scholarship awards to the top four teams at the Annual ACM International Scholastic Programming Contest in conjunction with the Computer Science Conference (the very conference we attended!), co-sponsors various regional scholastic programming contests, presents awards to the top three computer-oriented projects at the Annual International Science and Engineering Fair (this year's was held in Puerto-Rico), as well as awards some neat scholarships to

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# Laws of the Lab

## MacLab Hours

The ACM at UIUC MacLab will be open from Monday to Friday 9:00 am to 5:00 pm as per the ACM Office hours of ACM at UIUC executive and committee members. The ACM at UIUC MacLab is located at 1204 West Springfield Avenue, Room 202, next to the ACM Office.

## Use

ACM at UIUC members may sign up for two hour time slots on any of the three Macintosh SEs. The sign up sheet will be available in the ACM Office during normal office hours. You must be an ACM at UIUC member to use the MacLab and present your ACM at UIUC membership card when you sign up. The sign up sheet for the following week will be made available on the Friday before so that you may schedule time before the week begins.

Various jobs have an order of precedence in the MacLab. ACM at UIUC executive and committee jobs come before anything else. Games have the lowest order of precedence. If someone is playing games in the MacLab and someone else needs to use the computers, it is the right of the system administrator to pull that person off the computer.

## Network Hard Drive

All of the systems in the ACM at UIUC MacLab use one central 100 meg hard drive. Everyone is allowed to use space on the hard drive and consequently, they must keep their directories clean. If there is a need for space on the drive, it is the right of the MacLab Director to remove anything from the hard drive. Backup your important data to your own 3-1/2" disks.

The Association for Computing Machinery at the University of Illinois at Urbana-Champaign and the persons who run the ACM at UIUC are in no way responsible for information placed on, or taken off of this hard drive. It is the users who must take full responsibility for any information that is illegally acquired or used, as this is an unmoderated media source.

## MacLab LaserWriter

At this time, there will be no charge for using the LaserWriter. We ask, however, that you use it only for final drafts, and to use the ImageWriter II dot-matrix printer for draft copies of any work.

If the maintenance the LaserWriter becomes too expensive, a decision to charge for the use of the MacLab LaserWriter will be made by the MacLab Director.

## General Policies

- No one is allowed to bring food or drink into the ACM at UIUC MacLab.
- Manuals and documentation are available in the ACM Office. You need a valid student ID to check these out.
- You must be a member of the ACM at UIUC to use the ACM MacLab.
- Instructions for general startup procedures and what to do in case of a crash, are posted in the MacLab.
- The Macintosh II is reserved for the use of the system administrator.
- Leave the Macintosh II on at all times, as it is used as a network server even when not being used.
- The MacLab Director has the final say in all matters concerning the MacLab.

—Chris Fuller, MacLab Director

## ACM Lectureship Series Continues!

Mark your calendars, ACM Lectureship fans. After hours of intensive negotiations at the ACM National Convention in Atlanta, GA, your favorite student chapter of the ACM and the ACM Student Chapter at ISU have worked out a deal for two more ACM National speakers during April. First, on April 6, Dr. Dennis Kafura from Virginia Technical University will introduce you to Object-oriented programming. This is the fastest growing theory of programming, destined to be very important in the future of computer science. Then, on April 18, the ACM at UIUC is proud to present Dr. Tamas E. Doszkocs from the National Library of Medicine who will speak on Natural language user interfaces.

Dr. Kafura received his Ph.D. from Purdue University in 1974 and is now an Associate Professor of

Computer Science at Virginia Tech. His interests are broad-ranging and have involved research in deterministic scheduling, memory management, software engineering, security in distributed database systems, and the implementation of ADA synchronization in distributed systems. His talk will provide a general introduction to object-oriented programming for people who know some higher level, block-structure language but have no background in object-oriented concepts. The use of an object-oriented language approach, such as Smalltalk-80 and Objective-C, is shown to lead to higher levels in programmer productivity and greater system reliability because of the inherent reusability of "objects". The object-oriented concepts of encapsulations, messaging, and inheritance will be

presented.

From our experience at the ACM Computer Science Conference, object-oriented programming is a very interesting and important new area of computer science. This lecture will provide all those attending with a good introduction to this field.

Dr. Doszkocs received his Ph.D. in 1979 from the University of Maryland. During the past 15 years, he has worked in academia, industry and government in a variety of research and development, and technical management positions. His expertise and main interests are in information retrieval, natural language processing and user interface design. His presentation will survey pragmatic artificial intelligence and natural language processing concepts and techniques and their use in implementing free-form (English language) front-ends to Information Retrieval and database management systems.

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**CONFERENCE REPORT**

undergraduate and graduate student members.

interested in seeing this happen. It is not as much work as it may seem, especially since we receive national support (as well as the support of the CS department), and many of the organizational rules are spelled out in the Association's bylaws and constitution. Also, the more people that get involved in the organization process, the less work it becomes! And an additional, age-old incentive - as always, it would look great on a resume to be a member! But to have membership, the chapter must first be started. To express your interest in this endeavor, get in touch with me at the ACM Office at 333-5828.

After the meeting I spoke to Dr. Orlando Madrigal, UPE National Secretary, from the Department of Computer Science at California State University, Chico, the national headquarters of Upsilon Pi Epsilon. He was very enthusiastic towards the idea of chartering a chapter of this honorary on this campus. He will be keeping in touch. Afterwards, UPE hosted a reception for all student representatives, which was a great way to meet other ACM'ers and exchange working ideas.

NOW... I am looking for people

-Anna Minkov,  
Executive Staff

This lecture is bound to be of interest to anyone interested in database systems containing large amounts of English-language information, whether he is a programmer designing ways to retrieve information from these systems, or a user of these systems needing to get at information quickly and easily.

The times and locations of these lectures are yet to be determined, look for them in the next issue of **BANKS**.

—Jeff Wilson,  
Lectureship Series Chairman

## From The Editor A Fond Farewell?

Well, this is my last issue of BANKS OF THE BONEYARD as Newsletter Editor. It's an odd sort of displaced feeling knowing that I won't be the guy behind these pages of toner (used to be ink, but that's technology) spilled out into what I like to call words and articles and newsworthy information about computer science and applications here at the University of Illinois at Urbana-Champaign.

A lot has changed over the past year with the BANKS OF THE BONEYARD newsletter. New format. New articles. And even a brand-new ACM Newsletter Staff. Upstairs in the ACM Lounge, every newsletter hangs on the walls in silent memorial to past editors as sort of a two-dimensional showcase of changes that have been making the ACM at UIUC more of a professionally recognized organization and less of an unknown three-letter acronym. If you haven't seen the walls of the ACM Lounge, stop by and I'll be glad to give you a full tour some time.

While I'll not be working as closely with the newsletter, I will be taking on the position of Chairman of the ACM here at the university. A lot of responsibility is heaped on the shoulders of the Chairman. Bob Camp has done a terrific job over the past year, and it'll be hard to follow in his shoes. He's brought the membership many new offerings and has helped set down guidelines that will make the job of future ACM at UIUC executives much easier. Thanks Bob.

Over the course of the next few months, as I begin to get a bit more used to the new title and all the congratulatory handshakes fade away, I'll bring to the ACM membership what I think I've brought to the newsletter: a better awareness and understanding of

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## From the Newsletter Staff

Congratulations to Chris Walquist and the CS/EOH Committee for successfully organizing and running this year's 1988 Computer Science/Engineering Open House, and bringing to the Department of Computer Science at UIUC three prestigious awards.

—Rich Bloch, Editor

## ACM Calendar of Events

- |             |   |
|-------------|---|
| Mon Mar 21  | Academic Decision Seminar<br>7:00 pm & 8:15 pm<br>Second Floor, South Union                         |
| Tues Mar 22 | SKATE DATE!<br>11:20 pm<br>University of Illinois Ice Arena   |
| Wed Mar 23  | SIGGRAPH Meeting<br>6:00 pm<br>ACM Lounge, 1204 W. Springfield, Room 201                            |
| Wed Mar 23  | Newsletter Meeting - Open to All Interested<br>7:00 pm<br>ACM Lounge, 1204 W. Springfield, Room 201 |
| Sat Mar 26  | SPRING BREAK - We're out'a here!  |
| Tues Apr 5  | SIGMICRO Meeting<br>7:00 pm<br>ACM Lounge, 1204 W. Springfield, Room 201                            |

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## From the Editor *A Fond Farewell?*

computer science and applications at the University of Illinois at Urbana-Champaign. I'm not about to make promises right here and now—no, it's still too early for that—but I hope you'll all be willing to suggest improvements that you think are important to continue making this organization one of the largest and most active in the country.

In addition to working with the University of Illinois Student Chapter, I will be working closely with ACM National (the Association) in an effort to bring student members across the nation an ACM National Student Chapters Newsletter much like our own here on campus. It would bring together ACM Student Chapters news from universities and colleges coast to coast. What's happening at Carnegie-Mellon and MIT in computer programming? It'll be in the newsletter. What's all the talk about that new expert system being developed at Stanford on the west coast? It'll be in the newsletter.

Enough of that for now. Read this newsletter. Enjoy it. And I hope that you'll continue reading what I think is one of the best newsletters on the campus of the University of Illinois at Urbana-Champaign.

But then again, I'm biased.

—Rich Bloch, Editor

## Summer Undergraduate Research Assistantships

The Department of Computer Science at Washington University announces a competitive Summer Assistantship program for undergraduate research in the summer of 1988.

### RESEARCH OPPORTUNITIES

Summer Research Assistants will carry out a research project in association with a faculty member. Research areas include the following:

- Image Understanding
- Molecular Graphics
- Expert Systems
- Electronic Radiology
- VLSI Design
- High-performance Packet Switching Systems
- Two-dimensional Computer Languages
- Deductive Databases
- Distributed System Design and Specifications
- DNA Mapping
- Asynchronous Modular Computer Design

### COMPENSATION

Summer Research Assistants will receive \$2500 for the period 6 June - 19 August, 1988 and dorm housing. Dates may be adjusted, on request, to match a specific summer break.

### APPLICATION

Applicants should submit a completed application form, transcripts for all college work, and two letters of recommendation to:

Summer Undergraduate Research Assistant Program  
Computer Science Department  
Campus Box 1045  
Washington University  
St. Louis, MO 63130

All supporting materials must be received by March 21, 1988.

### SELECTION

Assistantships will be awarded based on academic background and potential to do research in the above research areas. Preference will be given to students who have completed their junior year by the summer of 1988.

To pick up the application form and two letter of reference forms, stop by the ACM Office (333-5828) in Room 201, 1204 West Springfield Avenue, Urbana.

—Rich Bloch, Editor

## Classified Ads

ACM Members: To place a classified ad, call 333-5828

### Wanted

Wanted: Bass player for working HR/HM band. Call Andy at 344-3302.

### Great Summer Sublet

I have a large, furnished one bedroom apartment right across the street from the Mac labs in the Snack Bar! This apartment is excellent for the summer. Besides being near the aforementioned Mac labs, it is only one block from IMPE and you can't be too close to the biggest pool on campus over those hot summer days. The air-conditioned apartment is on the corner of 3rd and Gregory and is a steal for the summer. Call me with your best offer. Scott 367-3491.

### Classified Ads Are FREE!

Drop yours off at the ACM office today, or call 333-5828 and ask for Eric for more information!

### BANKS OF THE BONEYARD Newsletter Staff

#### Editor:

Rich Bloch

#### Contributing Editor:

Eric Sean Parham

#### Columnists:

Tom Begnel  
Scott Mahlke

### All This MUST SELL!

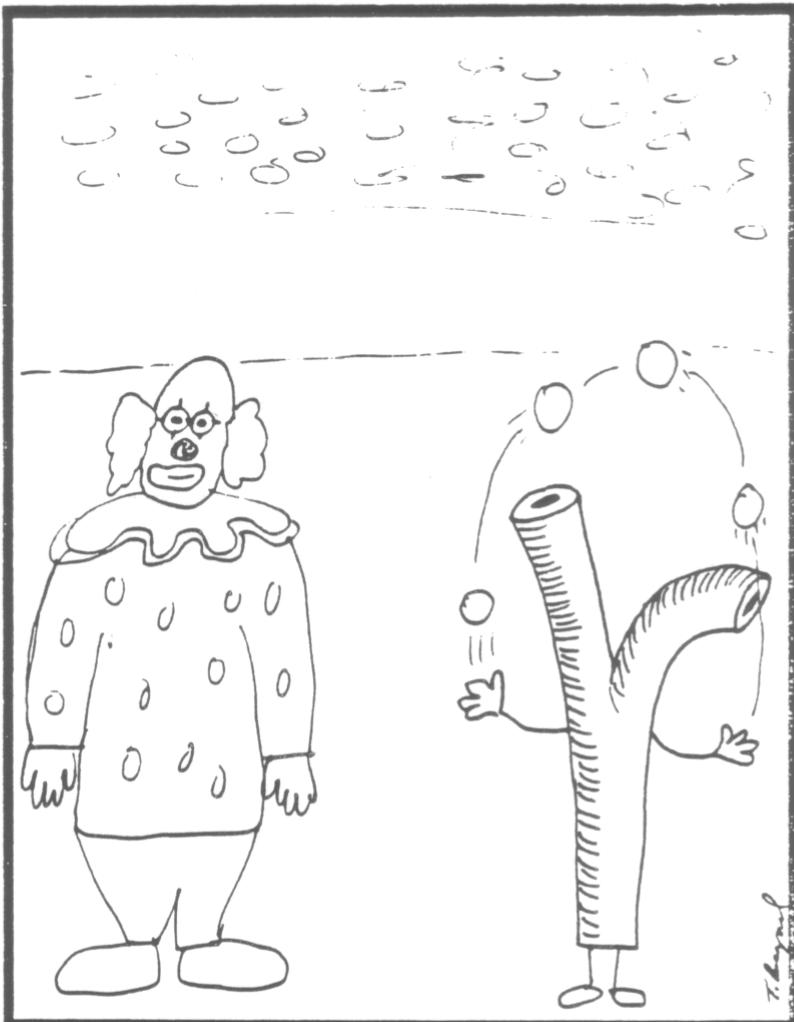
1 Signalman 1200 baud modem  
2 Atari ST SS 3.5" Disk Drives  
1 Graphic Artist CADD for Atari ST

Going to the Highest Offer!

Call Eric at 217-332-1019 for more information!

### Apartment

Beautiful, spacious 3 bedroom apartment on Springfield near DCL for summer sublet/fall option. 1-1/2 baths, dishwasher, disposal, AC, swimming pool, jacuzzi, sauna, 2 balconies. Cheaper than you'd think! Call 398-5091.



THE CIRCUS WAS ABOUND WITH CLOWNS AND JUGULARS.

### Bits & Pieces