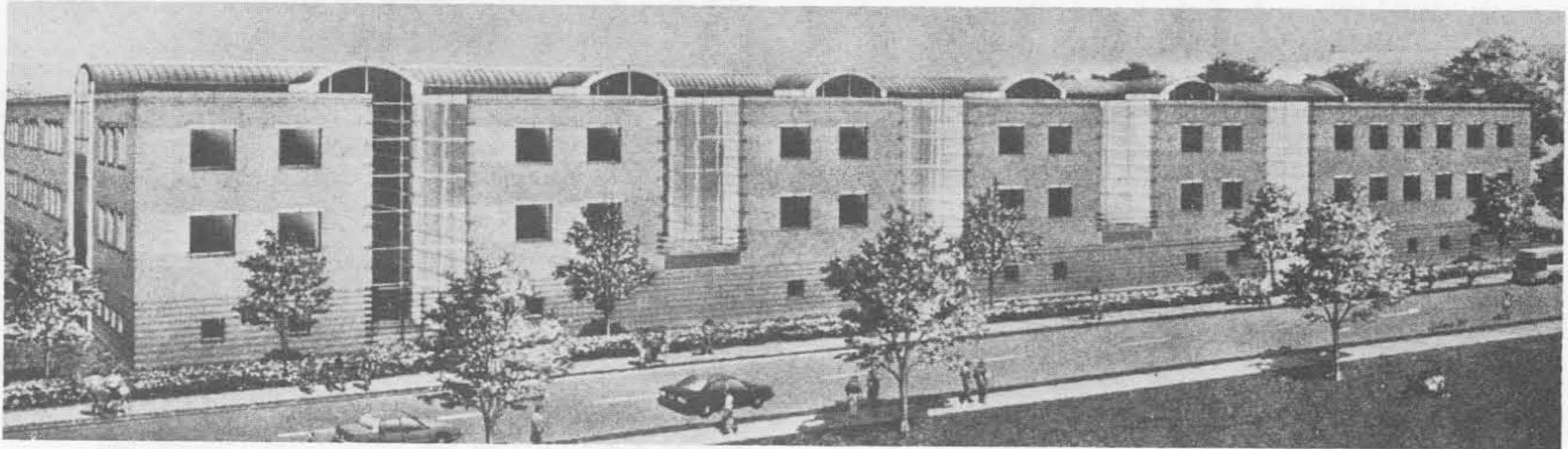

CS Alumni News

Spring, 1989



University of Illinois at Urbana-Champaign
Computer Science Alumni Association Constituent Group

PROFESSOR POPPELBAUM RETIRES



Wolfgang J. Poppelbaum was born in Frankfurt, Germany, on August 28, 1924. He went to school in Hamburg until 1935, when he moved to London and attended public school. In 1939, he returned to Switzerland, his home country, and pursued his secondary education at an English boys' school, in Montreux, obtaining his Higher School Certificate in 1941. In 1943, he passed the Swiss Federal University Entrance Examination and entered the University of Lausanne the

following year. He studied Mathematics and Physics and obtained his M.S. in Physics in 1948 and his Ph.D. (Summa Cum Laude) in 1953. His thesis compared the angle between current and field in current controlled (Corbino) and field controlled (Hall) devices. During these years, he published several papers on the theory of electrical and thermal conductivity in crystals subjected to magnetic fields. He also lectured on Quantum Mechanics and Electronics.

In 1954, W. J. Poppelbaum joined the Solid State Research Group under Professor John Bardeen at the University of Illinois and worked on the theory and practice of an electrolytic analog of a junction transistor. The next year the Digital Computer Laboratory asked him to join its research group and soon put him in charge of Circuit Research. His group developed the basic circuits for the University of Illinois superspeed computer of the early 60's (ILLIAC II).

In 1960, W. J. Poppelbaum became the Principal Investigator of a Navy Research Contract designed to support studies in nanosecond circuits involving tunnel diodes and other nonlinear

elements. A number of patents resulted from this work as well as a proof that subnanosecond circuits were feasible.

In 1964, additional responsibilities in the form of a rather large Atomic Energy Commission contract were given to W. J. Poppelbaum. This additional contract supported systems research on a prototype basis and allowed a medium scale implementation of the fundamental circuit ideas developed under the ONR program. In recent years, the research under the AEC and ONR contracts was principally oriented towards hybrid digital-analog computation, stochastic methods of information transfer, electro-optical processing, display devices and pattern processing and recognition.

From 1972-1978, an extensive Navy contract reoriented the work towards the practical exploitation of statistical computers, either in the stochastic form or the bundle form or in an entirely new deterministic form called burst processing.

The latest interests of W. J. Poppelbaum include speech compression by a combination of linear predictor theory and zero-crossing methods, "intelligent cameras" for the input of visual information into robots and some novel algorithms for fuzzy recognition. Finally a return to the subject of information transmission by fibers has led to some novel ideas, namely "color modulation" (the analog of FM in optics) and "spectrum sample transmission" (in which whole TV lines are transmitted in parallel). Some work on privacy questions has also started. Poppelbaum's Research Group has participated in the design of circuits for the new "Teraplex" supercomputer of Advanced Analytics Corporation of Champaign.

W. J. Poppelbaum became an Assistant Professor in 1955, an Associate Professor in 1959, and a full Professor in 1963. In 1972, he was made Director of the Information Engineering Laboratory in the Department of Computer Science. He has taught courses on Hardware Design, Logical Design of Computers, Boolean Algebra, Information and Signal Processing by Computing Devices, as well as Device Theory for Logic, and for Memories. He has written numerous articles and papers, both in Solid State Physics and Computer Design. He is the author of *Computer Hardware Theory*, a textbook for advanced undergraduates. Presently, he is working on a monograph "Deterministic and Probabilistic Averaging Processors" as well as on a lower-level hardware book.

He is a member and past chairman of the IEEE Solid State Circuits Committee (4.10), as well as a member of the Computer Group, the Device Group, the Reliability Group, the Packaging Group and the Circuit Theory Group of the IEEE. He belongs to the American Physical Society, the Swiss Physical Society, the Pattern Recognition Society, the Society for Information Display and Sigma Xi. He is an Associate Editor of "Pattern Recognition" and "Computers and Structures". He has chaired a number of Sessions of Computer and Devices Conferences and has been a member of several national and international program committees. He has also organized several conferences at the University of Illinois. He is a Fellow of the IEEE. For the year 1978-79, he was an Associate Member of the Center for Advanced Study at the University of Illinois. His name appears in Marquis' Who's Who and American Men of Science.

FROM OUR PRESIDENT

Fontaine K. Richardson, Ph.D. '68

Dear Fellow Alumnus/a:

Our Computer Science Alumni group is established and is growing nicely. If you haven't already joined, let me urge you to join today. When you join the University Alumni Association, you can, at the same time, join the Department Alumni Association with no extra charge. This is one of life's great bargains. Your benefits include keeping track of Computer Science campus activities and fellow Alumni. Also, when you need to add qualified, talented, and accomplished people to your work effort, you will know where to look in your locale and, of course, on campus at the new graduating class.

Not only do we want you to join, we want you to participate in the Association. Write us a letter and tell us about your activities and accomplishments so we can include it in future editions of the

newsletter. Come visit with the faculty and students to catch up on the latest and greatest on campus.

We have a lot of graduates located around the world in geographic concentrations. I expect that local chapters will develop in time. As you attend your professional society meetings, please keep an eye out for faculty, students and alumni who are also in attendance. These are great times to organize a casual gathering of Alumni.

Speaking of graduates, we welcome the recent U of I Computer Science Graduates to our Alumni Association. As a graduation present, the Alumni Association gives each new graduate a one year membership free of charge. The Department of Computer Science continues to graduate world class students that join the ranks of our distinguished colleagues in the expansion of the knowledge frontiers and development of the discovered technologies.

On campus, the faculty and students will welcome the new Computer Science Building addition to the campus in 1990 when it provides much needed additional offices, computer supported lecture halls, and laboratories. The State of Illinois has funded the building addition in order to enhance and expand the Computer Science Activities. In the face of the State of Illinois budget problems, the State saw its way clear to continue to support Computer Science Education and Research.

There are so many ways for each of us to participate with Alumni of the University of Illinois Computer Science Department. Please choose one or more and get involved.

Respectfully,
Fontaine K. Richardson, Ph.D. '68

STATE OF THE DEPARTMENT

Bill Gear, Ph.D. '60



This summer will see a new event for the department, the first faculty retirement. Already, when I first arrived at Illinois as a graduate student in DCL (that was the name of the unit in 1956, not the building, we were yet to be converted to a department) Ted Poppelbaum was already a legend. He had been at Illinois earlier as a visitor and had returned to Switzerland. Indeed he returned, in 1954, and tackled many things with gusto, from the circuits for the then-being-designed Illiac II to fast cars. One story, making

the rounds among the graduate students at the time was that Ted had complained to a local dealer that the car he had just bought would not reach its advertised top speed of 120 mph, and that the dealer had just adjusted the speedometer. (I should stress that in those days the speed limit in Illinois was a "reasonable and proper speed." I am sure that Ted has never violated the law.) Ted Poppelbaum has been an important part of DCL/DCS through my whole career. We shall miss him. Good luck to you Ted, in your retirement.

Construction on the latest extension to the Digital Computer Laboratory continues, and as it takes shape and a layer of brick turns it from a construction mess into a real building, our expectations grow. Although we have to look forward to further decreases in space in the current building as the connections between the old and the new building are established, the inconveniences are mitigated by the thought of the move into the new space next spring and finally having enough space for all of our programs. If you have not returned to campus since your graduation, we hope that you will come back and see us when we can show you

with pride our new facilities.

Many of you are aware of the fiscal problems that have been facing this university, along with many others. The problems have not been good for general morale, but we recently have heard some good news. For some time there has been a major effort to get a modest state tax increase in Illinois to provide increased support for education (the proposal increases the income tax level by 1/2%). Earlier attempts were thwarted by the political considerations, but it was just reported that the leading opponent, a person with the power to prevent such a measure reaching the floor for a vote, has decided that such an action is wise. Just this news story is enough to boost morale, and if the hoped for budget increase occurs, I believe that it will trigger rapid improvements in the departments. Coming together with the occupancy of our new building, we have heady days ahead.

Faculty in the Center for Supercomputing Research and Development have proposed a new specialization in Computational Science at the PhD level. This specialization will be offered in several departments. In CS this will give students a chance to specialize in topics of special concern to supercomputing such as code restructuring and optimization, visualization, and applications to other scientific disciplines. Motivated by this proposal, the department has reconsidered its gradu-

ate program and will develop a number of specializations. Of course, it will always be possible for a student to put together a program of study with the approval of the advisor, but we felt that it would be better to provide students with more guidance in the selection of course sequences.

Along with virtually all CS departments around the country, this department has seen undergraduate enrollment declines starting from 1983. (The declines were welcome since at that time we had a student/faculty ratio of greater than three times the college average). For our department it appears that those declines may be over. (The entering freshmen Engineering CS enrollments were up a little in the last two years.) Since the level we now have a student/faculty ratio about 50% above the college average, we will try to hold the enrollments at the current level. At the graduate level we are reducing admissions a little to reduce the number of masters students. We hate to do this since our MS and MCS programs have been very popular. However, we also believe that it is important to provide those students that are admitted with a valuable experience and that an increase in the number of students is not consistent with that goal. Current graduate enrollment is between 375 and 400. We will try to reduce it to the 300-325 level. When new funds become available to grow to the planned size of 55 faculty, we can increase enrollments again.

FACULTY AWARDS

Daniel A. Reed, Associate Professor of Computer Science, has been selected as a Beckman Associate in the Center for Advanced Study for the 1989-90 academic year. This award recognizes excellence in scholarship and creative achievement, providing opportunities for selected faculty members to expand their professional capabilities, and encourages the development of new programs and research initiatives.

Marianne S. Winslett, Assistant Professor of Computer Science, has been awarded a Presidential Young Investigators Award by the National Science Foundation. The award which funds research by faculty members near the beginning of their careers, is intended to help universities attract and retain outstanding young scientists

who might otherwise pursue non-teaching careers.

Professor Winslett is studying "intelligent gateways" and other aspects of data base systems. Her research includes efforts to add intelligent reasoning facilities to a computer data base management system, as well as to design and construct an easy-to-use engineering information system.

Herbert Edelsbrunner, Associate Professor of Computer Science, is the recipient of the 1989 Senior Xerox Award for Faculty Research. This award is made annually and recognizes the most outstanding research conducted during the past five years by an associate professor. Professor Edelsbrunner's research is centered around the areas of design and analysis of algorithms, computational geometry, and discrete geometry.

During the past year, the CSGSO continued its traditional activities and also made some changes. Of course the venerable Friday Extravaganzas (FE's) were the CSGSO's most visible activity, with unusual items such as caramel apples, barbecue ribs, and death by chocolate frequently offered in addition to the traditional doughnuts. The fall picnic at Hessel Park and the spring picnic at Crystal Lake Park had their usual share of grilled foods, sun, gale force winds, frisbees, dogs, babies, croquet, and various unspeakable antics.

During the spring, the CSGSO began selling CS Department T-Shirts featuring a color picture

of the "new, improved DCL". Revenue from sales of the shirts gave birth to something totally new to the CSGSO: a (non-empty) bank account. Money from this CSGSO treasure chest will be used to partially subsidize various CSGSO activities, including FEs and picnics. A new office, CSGSO Treasurer, has been created to manage the new-found wealth.

1988-1989 was a very successful year for the CSGSO, mostly due to the energy and creativity of outgoing present Steve Lee. The incoming officers for 1989-1990 are David Bradley (President) and Don Gillies (Treasurer).

CS ALUMNI NEWS

1970's

Gordon Fossum, B.A. '78, is living in Austin, Texas and has been working on his PhD at the University of Texas for the last 3 years (having received an MS/CS from Berkeley in 1981). Gordon has been working in realistic image generation in computer graphics, but lately has taken a fancy to the kinds of data structures used in atmospheric modelling. Gordon reports that there was a recent meeting of the new "Austin Chapter of the U of I Alumni Association" which was interesting enough, but he wondered whether he was the only UI CS alumnus in Austin. He'd like to get together with fellow CS alums for some chicken fried steak, nachos, Lone Star Beer, fajitas, or some such... Gordon can be reached between 8 and 9 am at (512)462-2004 or via email:

follum@1m4u.utexas.edu. Also, if anyone has an interest in visiting Austin, Gordon claims to be a wonderful tour guide.

Stavros Hadjistavros, M.S. '71 is teaching in Greece.

D. T. Lee, Ph.D. '78 is presently a Full Professor at Northwestern University. Professor Lee joined NU in 1978 after obtaining his Ph.D. at UI under Franco Preparata.

Gregory C. Michael, B.S. '74 is currently working as Director of Product Marketing for OMNI Solutions, Inc. of Los Altos, California. OMNI Solutions was founded to develop File and Communications Servers for use in the distributed UNIX computing environment. OMNI is in the development stage of its first product and is funded by venture capital. Prior to co-

founding OMNI Solutions with **Ron Cornell**, Greg joined Digital Equipment Corporation a few days after graduation in 1974, putting to use what he learned about timesharing systems as a Systems Programmer CSL and MRL. Greg spent a total of 6 years at the University, working full time as a Civil Service employee in the High Energy Physics Department and the Materials Research Lab. He took two classes per semester until his graduation in 1974. Greg spent 13 years with Digital Equipment as a technical support specialist in the field, and later as a founder of Digital's remote service facility, the Customer Support Center in Colorado Springs. In the mid-eighties, he moved into Marketing and Product Management in DEC's High End Storage group in Colorado Springs. From 1987-89 he was the Product Line Manager for I/O

Subsystems of Sun Microsystems in Mountain View, California.

1980's

Kevin J. Barnes, B.S. '86 reports that he has a new job as a consultant with SEI Information Technology in Chicago, Illinois.

Bernard J. Biagini, B.S. '82 is an Account Systems Engineer with IBM Corporation in Peoria, Illinois.

Jeffrey Buddemeier, B.S. '87 is currently an Associate Programmer with IBM Corporation in Raleigh, North Carolina.

Michael Elinsky, B.S. '88 is currently working for Ford Motor Company as a Systems and Computer Operations Programmer. He is currently involved in their College Graduated Program (F.C.G.P.). In this program he rotates through various areas that encompass Ford's Engine Division Systems Department: Business Systems, Office Automation, Engineering Information Systems, and Manufacturing Systems. He also participates in classes that pertain to the accomplishment of project tasks, and attends divisional and corporate strategies and planning meetings.

William Patrick Fleming, B.S. '87 is currently Coordinator of Information Services at Loyola University, Maywood, Illinois.

Bradley S. Huebner, B.A. '87 is currently employed as an account representative with

Media Software and Systems, Inc., which is a territorial wholesaler for AT&T Computers, C.Itoh Printers, and Xidex magnetic media. MSS works hand in hand with AT&T in developing systems, testing and test marketing, and is vying for contracts to become a mini Bell Labs.

Douglas W. Jones, Ph.D. '80 was recently promoted to Associate Professor of Computer Science at the University of Iowa. A paper of his appeared in the August issue of Communications of the ACM entitled "Application of Splay Trees to Data Compression"; this paper describes the use of the splaying heuristic developed by **Daniel Sleator**, and Robert Tarjan to the management of prefix code trees (as in Huffman codes). Both Daniel Sleator and Douglas Jones were in the same offering of Professor Reingold's algorithms course in the fall of 1973. Douglas Jones can be reached at jones@cs.uiowa.edu or at the Department of Computer Science, University of Iowa, Iowa City, Iowa 52242.

Vincent John Kenny, B.S. '86 is the Washington, D.C. District Sales Manager for Progress Software Corporation in Arlington, Virginia.

Jean Merrill Nippa, B.S. '85 lives in Columbus, Ohio where she is the Database Manager in a research laboratory at Ohio State University. This laboratory is conducting Gait Analysis research which studies the motion of people with walking disorders. Jean is also enrolled for a Masters Degree in Biomedical Engineering at OSU. Jean

was married in September 1986 to **David Nippa**, B.S. '85 (Civil Engineering).

Pamela J. Pryst, B.S. '87 is currently a Programmer with Amoco Corporation in Chicago, Illinois.

Yesim F. Uzkan, B.S. '86 is in her third year as a medical student at UHS/Chicago Medical School.

Michael Weiland, M.S. '81, has been working as a Scientific Programmer and Analyst at DeSoto, Inc in Des Plaines, Illinois, a major manufacturer of paints and coatings. DeSoto makes, among other things, all the paint for Sears Roebuck. Prior to that, Michael was at UOP Inc., a part of Allied-Signal Corporation, where he worked primarily in an IBM environment, using FORTRAN and SAS on IBM 3033 and 3081 mainframes. Michael and his wife of 2-1/2 years are the proud parents of a two-year old daughter. They currently live in Gurnee, about 30 miles north of Chicago.

Michael Wolfe, Ph.D. '82 left Kuck and Associates, Inc. in Champaign, Illinois, after co-founding it 9 years ago. He is now an Associate Professor at the Oregon Graduate Center, a private accredited graduate school just west of Portland, Oregon. He is in the Computer Science and Engineering Department, one of the five departments at Oregon Graduate Center (all technical areas), and is continuing his research in programming languages and compilers for parallel and vector computers.

STUDENT AWARDS

A number of awards are presented each year to outstanding students in the Computer Science Department. The following are the award winners for the past year.

The James N. Snyder Award for Academic Achievement

Awarded to the outstanding Sophomore in each of our two undergraduate programs.

Donald B. Roberts (Sophomore in CS/Engineering)

Edward J. Mui (Sophomore in CS/LAS)

The Institute for the Certification of Computer Professionals – James N. Snyder Award

Awarded to the outstanding Junior with an interest in software development.

James Marvin Stichnoth (Senior in CS/Engineering)

The John R. Pasta Award for Academic Achievement

Awarded to an outstanding Junior in each of our two undergraduate programs.

Huasheng Su (Junior in CS/Engineering)

Jeffrey Biesiadecki (Junior in CS/LAS)

The Daniel L. Slotnick Award

Awarded to an outstanding undergraduate in a computer discipline.

Vijendra Jaswal (Sophomore in CS/Engineering)

The Department of Computer Science Outstanding Teaching Assistant Award

Awarded to the outstanding teaching assistant in undergraduate assistance.

Michael Frazier (Graduate Student in CS)

JUN OGATA WINS E.O.H.

Jun Ogata, B.S. '90, was the First Place Ribbon Winner in the 1989 Engineering Open House Competition. His entry, "X Image: A Data Analysis Tool", is described in the following article, reprinted with permission from the *ACM Banks of the Boneyard*.

X Image is a computer program developed at NCSA by Dave Thompson as a data analysis tool which will allow scientists to visually analyze a set of data. The data set can be anything from a set of numbers calculated on the Cray to a digitalized picture. The program enables viewing of cartesian and polar full color plots using pseudo-color imaging. One can examine a set of data by contour levels, intensity levels, shaded plots, 3D and histo-

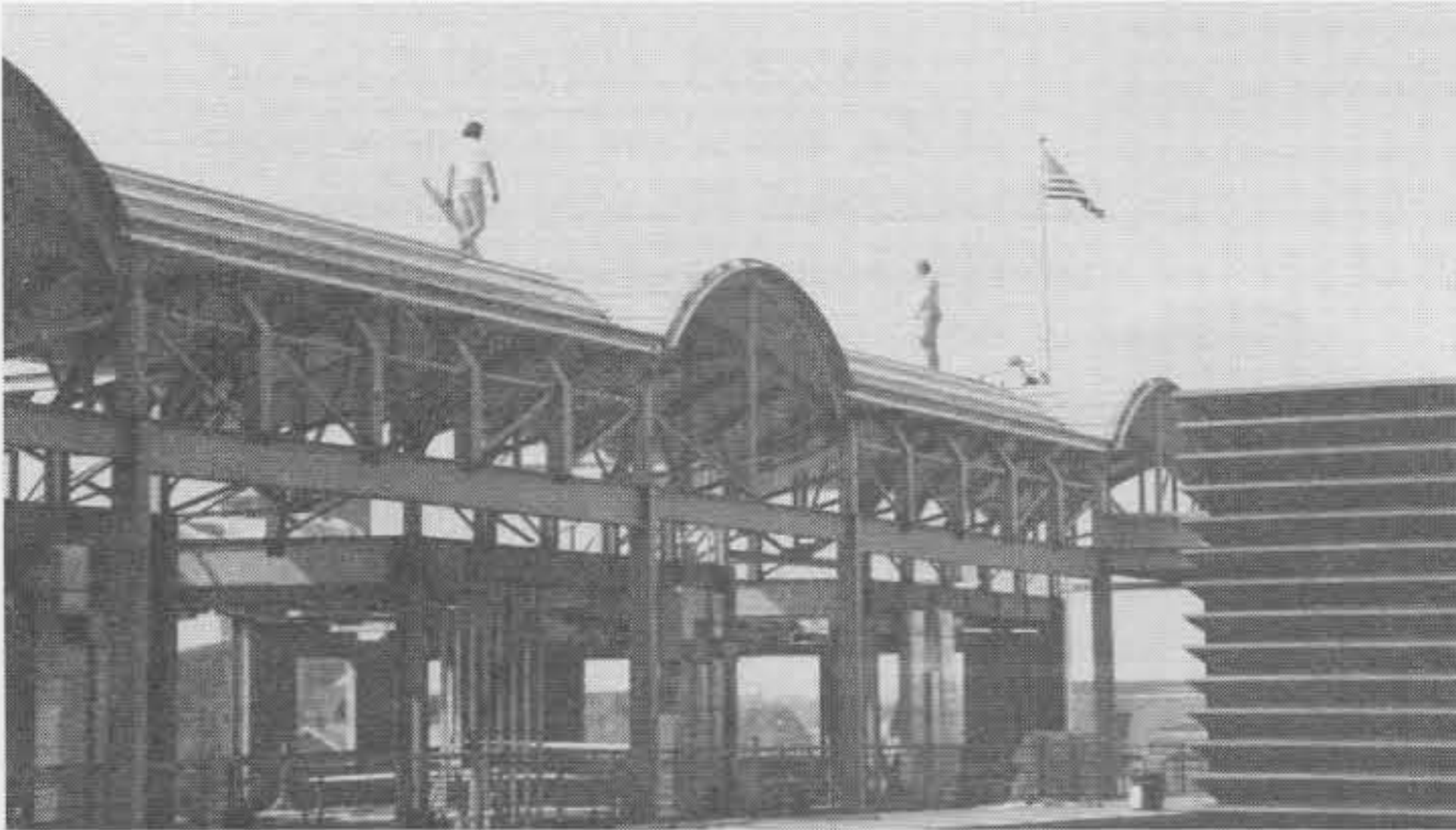
grams. One can manipulate the data set by applying mathematical expressions to it.

For plots using color imaging, the color palette may be manipulated in a variety of ways. The colors in the palette may be inverted, compressed, expanded, or shifted to the left or right. The colors may be defined by using a mathematical formula or by manually "mixing" color components such as red, green, and blue.

The program is run under the X Window system, and so is virtually independent of the type of computer the user has, as long as that computer also supports X Windows. This means that X Image can run on any Unix machine while being displayed on any machine that supports X Windows, such as a Sun workstation, IBM RT, or Mac II.

CONSTRUCTION PROGRESS

Photos by Rick Henderson



March 19, 1989.
Looking south, from the roof of
the old building.



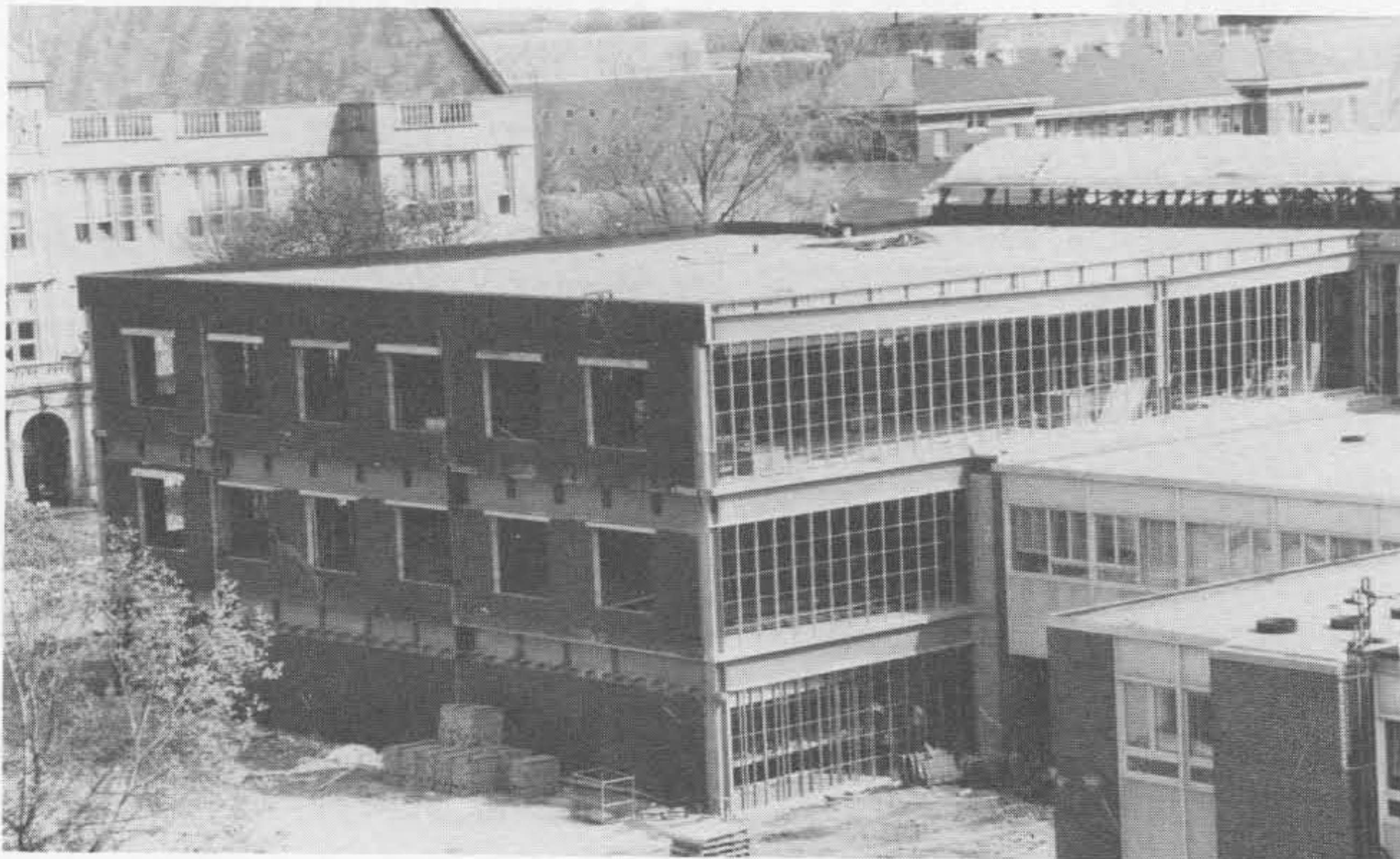
May 2, 1989.
Looking west, along the atrium.



March 18, 1989.
Looking west, along the second floor corridor.



April 17, 1989.
View from the civil defense tower, looking northwest. Beckman Center is in the background.



April 27, 1989. View of the northeast wing. The third floor will house the library (5600 ft²); the first floor a 100 seat auditorium and a 200 seat auditorium/laboratory.



June 16, 1989. Looking northeast, the brick exterior is being laid.

FINANCIAL CONTRIBUTORS

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Hewlett-Packard Company	Occidental Petroleum Charitable Foundation I
Digital Equipment Corporation	Fujitsu Research Laboratory
General Electric Foundation	TRW Foundation
International Business Machines Corporation	Xerox Foundation

THIRD ANNUAL ALUMNI MEETING HELD

The third meeting of the Computer Science Alumni Association Constituent Group was held on Wednesday, April 12, 1989 at the Digital Computer Laboratory. The meeting date was chosen to precede the annual ICAP Program.

The meeting was called to order by Fontaine Richardson, President of the Group. The attendees discussed ways of attracting a larger

contingent to the meetings, and methods for generating interest in the DCS Alumni Group.

One idea that had everyone's support was that informal alumni gatherings be encouraged at large conferences, with volunteers galvanizing each effort. Bill Kubitz volunteered to do that at the next Design Automation conference; Bill Gear will spearhead a gathering at the next SIAM

conference; and Bruce Leasure will do so at the next Supercomputing Conference. Other conferences which attract a large number of DCS Alumni are POPL, SIGPLAN, SSCC, IJCAI, and SIGGRAPH. If anyone is interested in organizing a get-together at a conference, please let us know; we'll do what we can to publicize it. The effort can be as simple as posting an announcement on the message board that UI Alums will meet in the lounge at a certain time.

Also discussed was the format for the upcoming celebration of the 40th anniversary of the founding of the department. This is scheduled to coincide with the dedication of the new building, probably in the Fall of 1990. We are particularly interested in putting together a program which will attract alumni back to campus. Ideas included short technical talks by a few alumni, a "Gillies Lecture" style talk by some well-known alum, banquet, entertainment, etc. Elsewhere in this newsletter is a postage paid questionnaire with which you can make your views known. Please send us any suggestions that you might have.

Professor William Kubitz, Associate Head of the CS Department, presented a "State of the Department" report, and he gave an update on the new addition to the DCL building.

Steve Lee, President of the Computer Science Graduate Student Organization told of how CSGSO raised money by selling T-shirts with a U of I Computer Science theme, and a picture of the new building. A contest was held to determine the winning design. CSGSO plans to sell the T-shirts (and possibly sweatshirts) again next semester.

Planning for the 40th anniversary must be finalized before the end of 1989, so it is necessary to hold the next CS Alumni Association meeting in the fall of 1989. Since the the Annual Review of Electronics Conference (AREC) is scheduled for Thursday and Friday, October 5 and 6, we will hold our meeting during a scheduled break on Thursday afternoon (at 3:00 in DCL). The AREC banquet is then scheduled for Thursday evening. Since the terms of the Group's officers expire in the Spring, 1990, there will be election of officers at the October 5 meeting.

Funding for this newsletter and membership fees are provided by the UI Alumni Association and Department. Because of mailing costs, the only way that you can be assured of receiving future newsletters is to become a member of the U of I Alumni Association. Membership is only \$20 per year (\$25 for husband/wife), so fill out and send in the attached reply form. Also consider becoming a life member. You can pay in installments, and there are special rates for recent graduates (\$50 to \$75 less than regular rates). There are a number of benefits, including various newsletters, tour packages (especially for sports events), and group insurance plans. In addition, the CS Constituent Group receives 20% of your dues, which helps pay for this newsletter.

KEEPING IN TOUCH

We have established an Unix account for the use of our Alumni. To reach this account by telephone, call

(217) 333-7893

The modem is an ATT2224 300/1200/2400 baud modem, full-duplex, no parity. The signon is "alumni", with no password. If you have access to Internet or Arpanet, the machine name is

uihub.cs.uiuc.edu

and the Internet address is

128.174.252.27

When the connection is made, you may get a garbled message. Send a "break" signal until you get the login prompt. Enter the login name "alumni". If you have any trouble logging in, you may talk to an operator by calling

(217) 333-3632

When you sign on, you will be asked to enter your terminal type. If you don't know the right code, try entering the first letter of what you think it might be. You will be shown choices that start with that letter. If you don't get the right code after a few tries, just enter "dumb" and a basic

terminal type will be set up.

You will then be shown the main menu. Enter one of the numbers to enter one of the sub-menus. Option #1 is a sub-menu of "help" files. Go through these first to familiarize yourself with the system. They will show you how to read files, answer questions about downloading files and software, and give you other helpful hints.

Options #2 and #3 allow you to read recent technical report abstracts, lists of the faculty and their interests, and lists of graduating students and their interests. You may have these downloaded to your own computer, either through reading them with your PC's communication package, or through UUCP or FTP. Instructions for setting up UUCP are given in Main Option #1's help files. Instructions for FTP are also available; you must be at an Internet site for FTP.

Option #4 is a listing of publicly available software available from UI. You can read the manual page for each package, which tells you what the software does and how to use it. There is a specifications file for each package, which tells you what format the code is in, what systems the software will run on, and the size of the file. You may arrange to have the software sent via UUCP or FTP. We are working on arrangements to have tapes available, but there would be a distribution fee. We will announce this in the "announce" notesfile (see the next paragraph).

Options #5 and #6 are notesfiles. #5 is the ICAP notesfile where members of ICAP can discuss

relevant issues. #6 is the UI Computer Science "announce" notesfile which announces the department's seminars and colloquia. If you are not familiar with using notesfiles, when the index screen comes up, hit the "h" key to get a help screen. When at the index, enter the number of the note you want to read. Then use the space bar to go on from there.

Option #7 allows you to send electronic mail to someone in the computer science department. If you don't know that person's login name, just enter their first or last name, and you will find out their login name.

Option #8 allows you to reset your terminal type, in case it was set improperly before.

Option #9 allows you to ask questions or send comments to the ICAP account manager. If you are having problems using the account, or want to make suggestions to improve any of the utilities, please feel free to respond. If you would like an answer back, leave a phone number or address.

Finally, when you are done using the account, just enter "q" or "quit" and you will be logged out of your account session.

C.S. DEPARTMENT

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ALUMNI QUESTIONNAIRE

Please send us your thoughts about how we can attract you and other alumni back to campus for the CS Department's upcoming 40th anniversary celebration.

Which of the following events would be most effective in attracting you to return to campus? Rate on a scale from 0 for completely unattractive, to 10 for most attractive.

- | | | | |
|--|-------|---|-------|
| Homecoming | _____ | Seminars by academic stars | _____ |
| Any Home Football Game | _____ | Opportunities to recruit students | _____ |
| Any Home Basketball Game | _____ | Golf outing | _____ |
| Illinois Computer | | Tailgreat | _____ |
| Affiliates Program (ICAP) | _____ | Any tailgate party | _____ |
| Annual Review of | | Dinner: | |
| Electronics Conference (AREC) | _____ | with students | _____ |
| Allerton Conference | _____ | with faculty | _____ |
| CS Alumni Association Annual Meeting . | _____ | with spouses | _____ |
| The Gillies Lectures | _____ | Dinner/dance | _____ |
| Seminars by industry stars | _____ | | |

If we were to arrange a "professional conference" style event, is it likely that your employer would help pay for your trip? _____

Is it likely that your employer would allow you time off with pay? _____

Please use the space below to offer any ideas that you might have about how we might make the Alumni Group a viable, useful organization.

Return in the postage-paid envelope (or to Alumni Group, Department of Computer Science, 1304 West Springfield, Urbana, IL 61801)

WHAT'S NEW WITH YOU?

Name _____ Degree/Year _____

Address _____ Company _____

_____ Title _____

_____ Business Address _____

Is this a new address? Yes ___ No ___ _____

What's New ... with you ... or with other alums you know ...

UPCOMING EVENTS

1989 ANNUAL MEETING

The next annual meeting of the Computer Science Alumni Association Constituent Group will be held during the Annual Review of Electronics Conference (AREC), on Thursday, October 5, 1989.

Date: **October 5, 1989**
Time: **3:00 pm**
Place: **Digital Computer Lab**
1304 West Springfield Avenue
Urbana, Illinois

Are You a member of the Alumni Association?

More than 105,000 alumni are — including approximately 64,000 who are life members. Computer Science Graduates who join the University of Illinois Alumni Association automatically become members of the Computer Science Alumni Association Constituent Group. This is the only way to become a member of the Computer Science Alumni Association Constituent Group. As a member of the Alumni Association you'll receive the Illinois Alumni News, as well as publications from your college and from the Computer Science Alumni Association Constituent Group. You'll qualify for our tour program and our insurance program. And you'll continue your loyal involvement with something great — your University of Illinois. To join, either as an annual member or as a life member, return this form with your check to:

Alumni Association
227 Illini Union
1401 West Green Street
Urbana, Illinois 61801

(Make your check payable to the University of Illinois Alumni Association.)

- One year single membership — \$20 One year husband-wife — \$25
- SINGLE LIFE MEMBERSHIP — \$250.**
(INSTALLMENT PLAN: \$300 — \$10 DOWN, FOUR YEARLY PAYMENTS OF \$72.50.)
- HUSBAND-WIFE LIFE MEMBERSHIP — \$300.**
(INSTALLMENT PLAN: \$350 — \$10 DOWN, FOUR YEARLY PAYMENTS OF \$85.00.)

Name _____ S.S.# _____

Spouse's name (if an alumnus) _____

Does spouse have a U. of I. degree? _____

Address _____

College & dept. _____ College year _____

If you're already a member, thanks for your support. If you graduated within the last two years, write for special life membership rates.

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