

CUE Plans College Career



Walter M. Johnson III, President

With all the emphasis these days on a college career, CUE has taken the cue. Walt Johnson, recently named President of CUE, has announced that they have just signed a contract with McGraw-Hill, Inc., to publish a series of five college texts based on material developed by CUE.

Walt said, "The texts will be called the *Computer Usage Series*. The titles are: *Computer Usage - Concepts*, *Computer Usage - Basic Assembly Language IBM/360*, *Computer Usage - Applications*, *Computer Usage-- FORTRAN*, and *Computer Usage - COBOL*."

Walt also made another announcement that is sure to enhance this subsidiary's efforts in the educational area - the appointment of Nate Newkirk as Vice President and Managing Director of CUE. Nate will be responsible for the operations of the subsidiary corporation, including the development of new advanced computer education programs especially for management personnel.

McGraw-Hill, Inc., one of the largest college textbook publishers in the world, has international rights for the series and plans to market it both domestically and world-wide. Even though there are numerous texts in circulation already, McGraw-Hill feels very enthusiastic that the *Computer Usage Series* can capture the market. It feels that the series has the potential of becoming widely adopted for the broad range of computer courses offered by junior colleges, colleges, and universities.

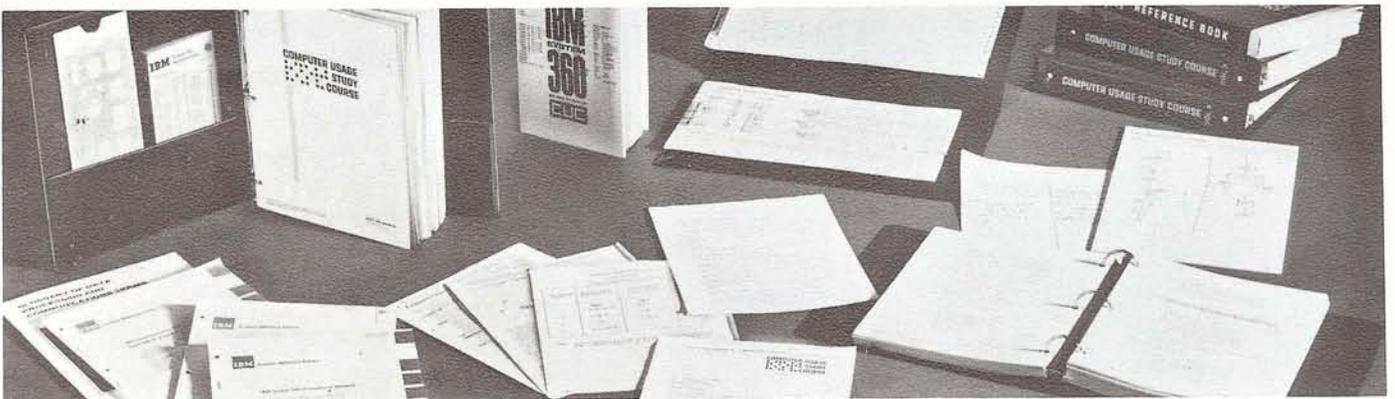
According to Walt, "The potential of the market is the six million students in college today. Any student - no matter what his major might be - is a candidate for a course in the fundamental use of computers because computer courses in general cross all disciplines."

The colleges themselves would also benefit by the *Computer Usage Series*. For one thing, most colleges are still in the process of developing their computer course curriculum. By using the CUE material as a base, they will be able to develop the curriculum they need. Secondly, the series would also include teacher's manuals as a guide for the instructor. In short, colleges could take the *Computer Usage Series* and build the curriculum around them.



Nate A. Newkirk, Vice President

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Dr. Hurd to Assist Smithsonian Institute

Dr. Cuthbert C. Hurd, Chairman of the Board, has been selected by the Smithsonian Institute as part of a five-man Advisory Committee for the preparation of the "first complete history of computers."



An initial grant to support the project during the next two years has been made by the American Federation of Information Processing Societies (AFIPS), re-

presenting over 40,000 computer professionals in the United States.

Dr. Bruce Gilchrist, President of AFIPS, said, "In its brief 21 years of existence, the electronic digital computer has come to be called one of the most important inventions in man's history, but the history of the computer itself is becoming obscured and lost because of the incredibly rapid rate of technological change in the industry. The computer history project in the hands of the Smithsonian Institute will assure that the story of the origins and development of the computer will be objectively recorded and told."

"One of the vital elements in the research," states Dr. Robert P. Multhaus, Director of the Smithsonian's Museum of History & Technology, "will be the collection of oral interviews with the key contributors to the early development of the computer. All recordings, as well as written, photographic and other materials collected and developed, will be retained in the Museum of History & Technology in the public domain. The collection phases will take about five years, with an ultimate objective of developing a published history of computing."

Irv Kay Heading N.Y. Office



Irv Kay, formerly Assistant Manager of CUDC's New York office has been promoted to Manager of that office. The announcement was made by Joe Vierra, Vice President of CUDC.

Irv is a graduate of CCNY where he received a B.S. in mathematics. He has done graduate work in mathematics at N.Y.U.

Irv joined CUC in 1967 and has 10 years experience in the computing field.

GETTING THE TALENT WE NEED

by Bob Umbaugh, Personnel Director

Enclosed with your copy of CU/BITS this month, you'll find a do-it-yourself invitation intended to allow you an opportunity to help build CUC's staff. It's no secret that our major value to clients is the experience and expertise of our professional staff. To respond to the increasing demands of an expanding technology, we must build our staff in two areas.

One obvious means of building the staff is to help our current staff grow through continued ex-

perience, varied experience, and special training. The second way to build the staff is to hire new talent. Notice that I say talent, not just people. In the course of a month I receive hundreds of resumes, all from people purporting to be experts in the computer field. Few of those resumes represent the technical excellence we need. The truth is that we are much more likely to find candidates of your calibre from your recommendations. I am asking that you review in your mind

those friends and acquaintances who would be a welcomed addition to our staff and to bring them to the attention of your manager. If they won't fit in at your office, maybe there is an appropriate opening elsewhere in CUC.

We will hire between 300 and 400 new employees this year. Maybe you know someone who should be included in that number. This is one way in which every employee can help make CUC a better company in which to work.

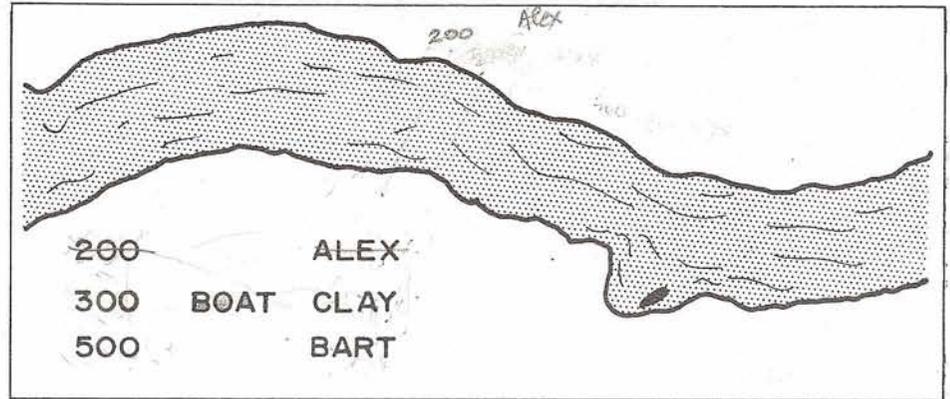
Warren Luke Promoted to Assistant Manager



Warren Luke, a former Client Representative in our Chicago office, has been promoted to Assistant Manager of our Philadelphia office. The announcement was made by Joe Vierra, Vice President of CUDC.

Warren is a graduate of Tri-State College where he received a B.S. in Aeronautical Engineering. Prior to joining CUDC he was a Marketing Representative for IBM.

PUZZLE PARADE



The Rogues' Egress

The Rogues' Egress is one of the classic river crossing problems. This was given to me by a friend some time ago. It should provide at least a few minutes of diversion.

As legend has it, this episode took place in England about 1500. Three rogues having looted several homes in a small town are now on the run. They find their egress halted by a river. After a short time, one of the three finds a small boat. The boat is only large enough for one man and his possessions - or two men. None of the rogues trusts either of the others. So they decide

that passage shall be arranged so that none of the three, either ashore or in the boat, will be in possession of loot worth more than he himself owns. Alex has loot worth 500 pounds. Bart's loot is worth 300 pounds and Clay, the last of the three, has loot worth only 200 pounds. How did the trio proceed to get themselves and their property across the river?

(Note: no more than 13 crossings are required.)

Editor's Note: Prizes will be awarded to CUCers who send in the correct answer.

CUBS & CTS Get New Headquarters

CUBS and CTS have moved into their new headquarters in Greenwich, Connecticut. The new office, located at 180 West Putnam Avenue, Greenwich, Connecticut, 06830, Tel. 203-661-6100, is a 9,000 square foot, one-story building. An open house to celebrate the official opening is planned for early April.



HOUSTON OFFICE MAKES BID FOR MAP TROPHY

The poster read "Up, Up and Away" with MAP and that's just what the Houston office is doing. According to Ernest Severin, Manager of Houston, they are in the process of turning over to one of Houston's largest banks a generalized Mutual Funds Accounting System.

The system is being written for the bank on the 360/40 using DOS with 64K memory, two disks, and four tapes. The mutual fund package includes over 70 job steps and can either optionally or periodically produce over 85 different reports, checks, and ledgers.

The system provides the management company with the ability to enter, on a daily basis, over 200 different types of accounting transactions. The complexity created by the generalized approach has required that over 600 different card edits be performed before any update of the stockholder's master record is allowed.

A simulation and edit of the actual update for the master files is also provided in order to allow final assurance that the 26 different files are kept in balance. In addition to the standard accounting reports and ledgers normally required, the system also provides various accounting reports for dealers, wholesalers, representatives, and State and Federal government.

CUDC's standard operating instructions alone for the 70 job steps involved are over 200 pages. The system will handle up to 20 different mutual funds for a maximum of 10 different management corporations.

Arvin Cook, Dennis McKenna and Paul Barberini have also conducted an Operations Study for the bank. The results: two walls being removed, equipment relocated and a complete revamping of the bank's DP department in order to make it more effective and efficient.



Southwest Regional Manager, Ed O'Connor, (standing) and Houston office Manager, Ernest Severin, study the progress reports of the Mutual Funds Accounting System.

The Houston office is also converting the bank's data to an on-line, real-time savings and loan data bank.

In addition, Houston is engaged in contracts for Esso Production Research Company;

Uncle Ben's Rice; Humble Oil & Refining Company, and is working on a Municipal Bond Portfolio Analysis System for the Denver U.S. National Bank.

While the Houston office is on the move, so are members of its



Systems Coordinator, Bob Murray and Project Leader, Buck Bonner examine one portion of the mutual fund's job book.



Bob explains operating procedures for Dealer Stock Transfer runs to Arvin Cook and Buck Bonner.



Jean McElreath explains functions of the program that created Mutual Funds Stock Certificates to Eddy Wolf, Jeanine Barnes and Gene Vollman. (top left)



Bob Murray, Arvin Cook and Buck Bonner check output from Mutual Fund's update run. (top right)

Alan Block (seated) and Karl Kuykendall survey the more than 300 different editing features of the Mutual Fund System. (center)



staff. Bob Murray has earned the title of Analyst; Bill Coward and Karl Kuykendall have been promoted to Senior Programmers.

To keep up with the contract demands, Ernest has added seven new technical personnel to his staff. They are: Bill Gerhardt and Harley Moore, Senior Staff Analyst; Jim Latimer, Staff Analyst; Jim Byrd, Analyst; Paul Lueders and Jim Henderson, Senior Programmers, and Steve Enloe, Programmer.

"This has been an outstanding quarter for the Houston office," said Ernest. "We have expanded more than 50 per cent this quarter, and everyone who is billable, is being billed."

Ernest is planning a party at his home in early April for all Houston's employees to celebrate their office's good fortune.



Arvin Cook reviews with Jean McElreath (sitting), Buck Bonner and Bob Murray the procedures necessary to produce dividend payments and dealer commission reports.

Our Boys in Syracuse



Dave Jackson, Bill Grimes, Ed Hughes

Ed Hughes, Dave Jackson, and Bill Grimes of our Mt. Kisco office are on-site in Syracuse, New York, working on a General Electric contract for the development of a special time-sharing system for the GE-645 computer.

The GE-605 time-sharing system which is currently in operation is being used as a base system to develop the time-sharing system for the GE-645. Darrell Dewey, Manager of the Mt. Kisco office says, "A simulator approach is being taken to adapt the 605 software system to the 645 machine."

Initially, the special time-sharing system on the GE-645 will operate only in the conversational mode (remote terminals only). Later a batch capability may be added.

Languages supported for the initial release are FORTRAN IV, and BASIC.

Currently, work is being done in both the design and implementation areas. Dave Jackson has responsibility for the teletypewriter area of the system. Ed Hughes and Bill Grimes are working on the Input/Output portion of the system. They have been working on the contract since October.

Link Group Awards Computer-Aided Design Contract to Palo Alto Office

According to Manager Ross Gwiner, our Palo Alto office has just signed a contract to design and implement a computer-aided design system for the automatic testing of digital printed circuit boards for the Link Group, General Precision Systems, Inc.

The system consists of a Honeywell DDP-516 and a card testing device which was designed and built by the Link Group.

Ross said that at completion Link

will have the capability to test multiple printed circuit boards concurrently, on a real-time basis. The procedural use will enable manufacturing to evaluate the performance of many types of production boards before acceptance by quality control.

Bill Ulrey, Senior Staff Analyst and Charles King, Staff Analyst, will be responsible for the project management and design respectively.

P. Hahn Addresses Women's Club



Miss Padraig Hahn, Analyst in our Chicago office, addressed the Investment Women's Club in the Chicago Bar Association recently. Miss Hahn spoke on "Computer, Investments and You!"

B. Ferguson Joins W.S.O. Staff

Bill Ferguson has joined the staff of our Washington Scientific office as a Principal Analyst. The announcement was made by Charles Sheffield, Manager of W.S.O.



Bill holds a B.S. degree in Pure and Applied mathematics from the University of Wales. Recently he had worked on tasks which include: A Semi-Group Solution of Partial Differential Equations; Compression of Time Correlated Satellite Data; Nuclear Code Design, Synthesis of Human Transfer Functions; Equations of State at High Temperature and High Pressure; and Eigensolutions for Large Matrices.

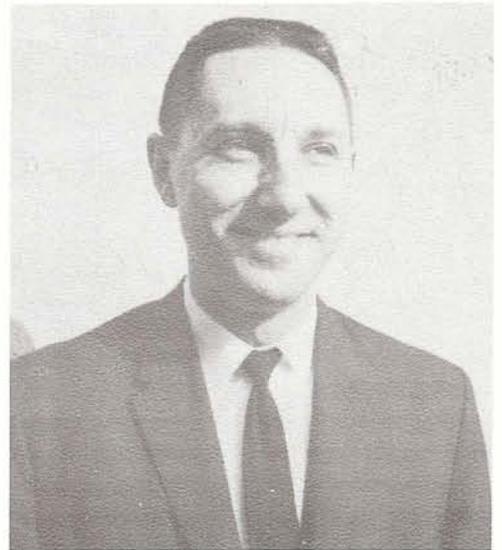
CU-Scenes



MT. KISCO -- That's Darrell Dewey, Manager of our Mt. Kisco office, represented here in a Real-Time situation. He also carries appropriate scars to prove it was not simulation. Darrell, who is originally from So. Dakota, spends his vacation back home breaking horses on his brother's ranch.



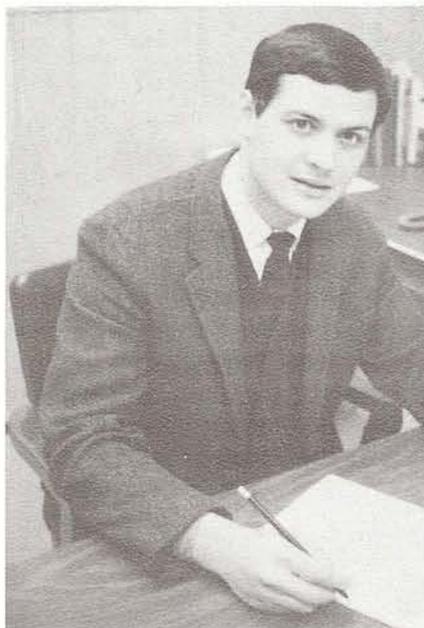
SAN FRANCISCO... As announced in the last issue of CU/BITS, Stan Swihart, a Senior Staff Analyst has signed with John Wiley & Sons, foremost publishers of technical books. Stan is in the process of writing a Handbook of Library Automation which will be published later this year. The book will be a general guide covering the areas of library work that can be automated. He is a former member of Clikeman, Swihart & Assoc., which was acquired by CUC when the San Francisco office was opened. Dick Clikeman is now Assistant Manager in our Washington office.



PALO ALTO- Bill Jackson, originally from New York, is a Production Control Technician in CUFM's Bay Area office. Bill has appeared in over 30 plays as an actor and his hobbies include, writing, working with his citizens band radio, and supporting projects such as Neighborhood Youth Corps in his spare time.

Editor's Note: If there are CUCers with an unusual background or hobby, CU/BITS would like to hear from you.

PALO ALTO -- Paul Baberini is a Production Control Technician who joined CUFM in 1966. Paul attends college at night and is working for a business data processing degree. He is an amateur astronomer and UFO buff. Paul and his wife (Sandy) frequently enjoy long drives and hikes through the California Redwood parks. His hobbies include writing and the study of ancient history.



WASHINGTON -- Fred Hubbard joined CUC in 1965 as a Computer Operator. He is now Manager of Washington's CTS office. Fred is married and has one child. He enjoys basketball, football and bowling. He has been in the computing field, since 1960.

CUE Plans College Career

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Walt also commented, "The series will also have a great deal of influence on CUC as a whole. It will put CUC's name in front of thousands of potential employees and users of our services."

Nate is a graduate of the University of Michigan where he received a B.B.A. and M.B.A. in Business Administration. Prior to joining CUE he was Manager of Data Processing Education Research and Planning for IBM World Trade Corporation. He is credited with several educational innovations which were employed by IBM in the U.S. and overseas.

Wood Sculptor to Design MAP Trophy

Steve Robin, one of our nation's leading award winning designers in wood furniture, has been commissioned by CUC for the design and creation of our MAP trophy.

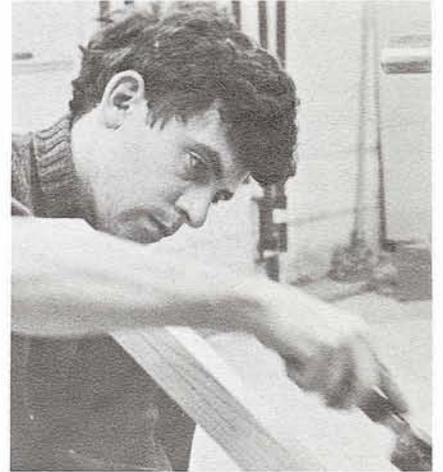
Mr. Robin who maintains his own workshop in Bearsville, New York, recently had one of his designs featured in the December issue of Esquire magazine. The design, an exotic mirror in zebra wood, was so impressive that it caught the eye of actor Sidney Poitier and will be seen in his upcoming film.

Robin says that the majority of his customers want some specially designed piece of furniture or home item that cannot be bought elsewhere.

"I think of an idea first," he said, "always trying to come up with a concept of something which is different and not typical of mass pro-

duction ... and I try to break out of the rectilinear format and work with more sculptural form."

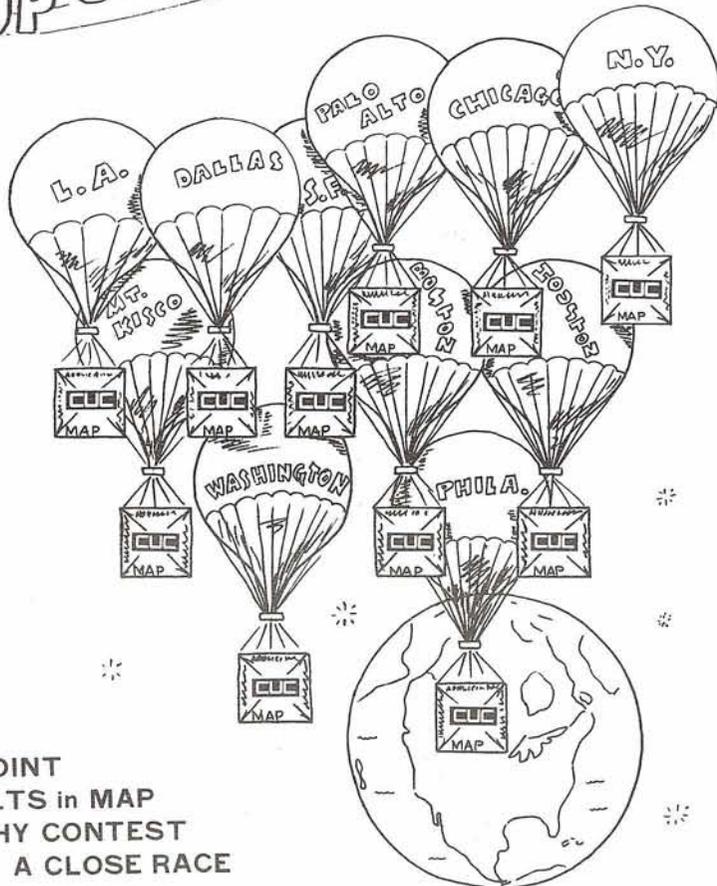
His work has been shown at such places as Manhattan's America House, the Schenectady Museum, Bard College, and Woodstock's Polari Gallery and Guild of Craftsmen.



Recently at the Guild's annual exhibit Mr. Robins was named winner of the Chambers Crafts Award for a unique floor clock with modern face.

The MAP trophy will be finished by the middle of this month.

UP UP AND AWAY



MID-POINT RESULTS in MAP TROPHY CONTEST SHOW A CLOSE RACE

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Editor: Tom Nestro
Production: Donald Young
Printing: Ray Underwood

Correspondents:
Elaine Saliba, Boston; Judith Kirchoff, Chicago; Marilyn Hughes, Houston; Terry Belew, Los Angeles; Gertie Conroy, New York; Lee Sigel, Philadelphia; Elaine Veneziano, SPO, New York; Nancy Douglas, Palo Alto; Ann Monteski, San Francisco; Al Starr, Washington; Pam Boswell, Dallas; Joe Burnett, Baltimore; Ulrike Schneider, Montclair.

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