

A newsletter for the Stanford/Palo Alto User's Group for the IBM PC

PRinT Screen

April 1986

Volume 4 Number 4

NEXT MEETING

Date: Wednesday, Apr. 30
Time: 8:00 p.m.
Place: Polya Hall,
Turing Auditorium (Rm. 111)
Stanford University

AGENDA

8:00 PM General Club Business
8:30 PM Speaker: Mary Christiansen
Topic: Sitting Comfortably
at your PC
9:00 PM Discussion and Random Access
10:00 PM Conclusion

Because sitting in front of a PC for long periods of time can result in stress, designers and employers are having to look at what can be done to reduce the stress that is the consequence of this static activity. Mary Christiansen, owner of Seating Dynamics in Sausalito, will discuss the factors contributing to physical stress problems while sitting at a PC. She will address how the body interfaces with the physical setting: chairs, terminals, work surfaces, lighting, and anything else that interacts with us in the course of work.

PLANNING MEETING:

All members are welcome to attend the monthly Planning Meeting, where we make decisions on the future of the group (e.g., speakers, topics). Please call Beverly Altman, 329-8252, for the location of the next meeting, which will be held on Wednesday, May 14th at 8 p.m. If you can't reach Beverly, call any Club Officer.

CALENDAR

Apr. 30...Group Meeting.....8:00
May 5.....Novice SIG.....6:00
May 11....Framework SIG.....2:00
May 12....Lotus SIG.....7:30
May 14....Planning Meeting....8:00
May 28....Group Meeting.....8:00

MARCH MEETING

Three of our members had an interesting discussion on the various ways they use laptop computers as peripherals to their PCs. Nicholas de Paul has a Radio Shack Model 100 which he keeps next to his bed, ready to accept any inspirations that may come to him. His 100's portability allows him to do computer work outdoors while sitting under a tree or at the beach. He has no problem reading the screen in the sunlight.

Nicholas prefers keeping track of his to-do lists on the laptop rather than on a notepad because he can type faster than he can write and because he can't read his own handwriting. In addition, Nicholas uses the Model 100 to take notes while he is using his PC.

Our president, Jim Caldwell, bought his NEC laptop to help him with the tour trips he guided in China. He kept his itinerary, tracked expenses, and wrote his trip report while he was traveling. Then, all he had to do when he got home was download it to his PC. Since he also had a small printer with him, he left thank you notes to the people with whom he interacted.

He found the Chinese people to be less intimidated by the computer than by a tape recorder so he took notes on the NEC when he interviewed people. (We were all impressed that Jim was able to interview in Chinese and then translate and take notes in English.)

Now that he isn't traveling to China anymore, Jim uses the NEC to take notes at meetings and in libraries.

Though Corwin Nichols' Pivot computer is technically a laptop, he said he wouldn't want to rest its 15 pounds on his lap for very long. The Pivot is heavy, and he quickly tires of carrying it after 10 minutes. Corwin basically uses the Pivot as a text entry tool. He has used it while camping, waiting in airports and on airplanes. He has a

cigarette lighter recharger to recharge the batteries.

The Pivot by Morrow Designs is very similar to the Zenith machine that the IRS purchased. It runs MS-DOS and has 2 5-1/4 inch floppies. The batteries last 3 to 6 hours.

CLUB NEWS

Membership renewals: For the two months preceding the expiration of your membership you will find a renewal envelope enclosed in your newsletter. Use this envelope to promptly send in your \$25 check so that you won't miss an issue of the monthly newsletter. A current membership card will then be sent to you in the next issue of PrtSc.

Remember, the "Goodie Coupon" attached to your membership card is presently good for one free disk: the library catalog, Program of the Month, or a blank disk. Trade in your coupon for a disk at a future meeting.

Xidex Precision disks are available at the meeting for only \$10/box. The catalog and the Program of the Month will be offered for \$2 a disk. If you wish to purchase disks at the meetings, you will need to present your membership card, so be sure to bring it with you.

PRT SC

Please contact Rebecca Bridges if you are interested in writing for PRINT Screen. All articles are welcome.

Please submit the articles:

- o In WordStar or ASCII format.
- o Single-spaced.
- o Double-spaced between paragraphs.
- o Any right margin.
- o By the 15th of the month.

SIG REPORTS

LOTUS SIG:

The next meeting will be held Monday, May 12th at 7:30 p.m. Bring a blank disk, questions, and any application you have worked up and would like to share or get help with. The Lotus SIG meets at BusinessLand, Los Altos, which provides a large screen projector.

BusinessLand is located at 4916 El Camino. Call Nicholas de Paul at 424-6968 (day time) for last minute specifics or any information about the SIG.

NOVICE SIG:

The Novice SIG will meet May 5 at 3785 Farmhill Blvd., Redwood City. (There's a blue light on the house number.) Early arrival (6 to 7 pm) for library trades (I have 30 so far), and/or tricky back-ups (I have the Copy II PC Option Board installed).

Short formalization at 7 pm. Then, if all agreed, a demo of cheap floppy disk head cleaning, renewing the ribbon in an Epson holder, and making a floppy disk holder. All will be encouraged to share their little tricks at future sessions, which can be held elsewhere for one-site problem resolution, when appropriate.

Refreshments at 8:00 with a suggested topic of "how to get questions answered." This can be followed by whatever suits those choosing to stay, and ending at 11:00.

Please call by May 3rd, if planning to attend. If at least four do not call, everyone who did will get notified of the situation. In any case, the evening will be held open.

If you have any questions, call Don Baird at 365-6822.

MCI MAIL

Oppenheimer Software is offering club members a good deal for new MCI Mail memberships: a 25% rebate to the club of your first month's use of electronic mail and a 25% rebate to YOU of you second month's use.

Features of MCI Mail include:

\$18 annual membership

No time charges.

Send short messages (under 500 characters) to any other user world wide for .45.

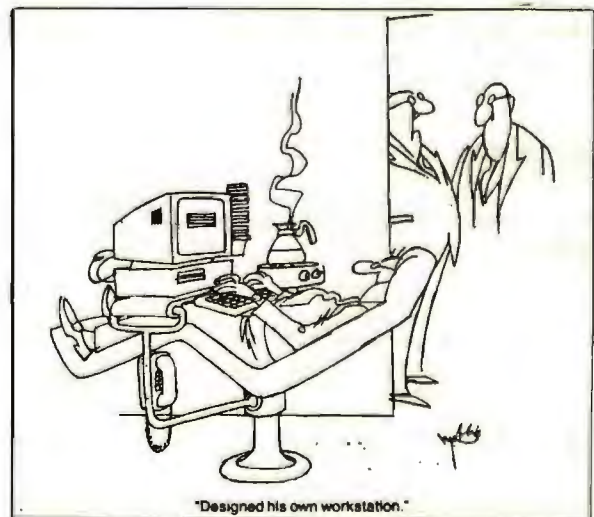
Send longer messages (up to 7500 characters) to any other user in the world for \$1.00.

Free membership to Dow Jones News Retrieval (\$75.00 value)

Communicate with CompuServe subscribers at no extra charge.

And much more.

If you are interested in signing up, please contact Rebecca Bridges at 326-8605 before April 30th.



NEW LIBRARY PROGRAMS

by Turley Angle
Asst. Librarian

PROCOMM

This appears to be one of the finer modem programs. If you are set up in ASCII (baud-E-7-1) and transfer for XMODEM binary (baud-N-8-1) you do not get a disconnect like you do in PC-Talk.

You can store up to 100 phone numbers and set numerous function keys. Files can be handled in numerous ways: telelink, X or Y Modem; Kermit; etc.

Use on any type monitor, colors can be set to personal preference.

ARC.EXE

This is updated version 5.12. If you have an archived file made by a newer version you may not be able to de-arc it by an older version. This one works well for all files I have tried it on.

Two new games for COLOR monitors:

LONER

An excellent game of "RENO" style solitaire (tough to beat).

OTHELLO.EXE

A very fast "OTHELLO" game (glorified TIC TAC TOE).

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FINANCIAL NAVIGATOR

John Van Deman announced the price of his Financial Navigator program at the last meeting. It is competitively priced at \$69. He passed out order blanks, but in case you missed it, the phone number is 962-0333.

REASSIGNING KEYS

(Reprinted from PC Week, 1/21/86)

Q. How can I assign the keys on my keyboard?

A. You will need to swap the key you select for one of your keyboard's standard keys. To accomplish this you first need to install a new keyboard device driver. The process is easy, but the explanation provided in the DOS manual is confusing.

First COPY the file ANSI.SYS over to your boot disk. Next, create a file named CONFIG.SYS on your boot disk which will contain the device driver. At the A> prompt type:

```
COPY CON CONFIG.SYS
DEVICE=ANSI
```

Press <ctrl>-Z.

With the two new files added to your disk, reboot the system. Your computer is now ready to accept key reassignments.

Let's say, for example, you want your PC to generate a British pound sign when you press the backward-slash key. To do this enter the command:

```
PROMPT $e[156,92]
```

If you would like the vertical bar to generate the cent sign, enter the command:

```
PROMPT $e[155,124]
```

What you are actually doing is inserting the ASCII values representing the characters you wish to swap into the command. "\$e" begins the ESCAPE sequence. The number 156 is the ASCII value for the cent sign, and 124 is the ASCII value for the vertical bar. (You can find these ASCII values in the IBM BASIC Manual, on pages D-1 to D-5.)

You can make the changes permanent by placing the commands into an AUTOEXEC.BAT file. That way the keys will always be reassigned when the system boots up.

h B U D G E T

by David J. Smith

hBUDGET is a home and personal accounting program written for individuals or families who desire to maintain an accurate record of their financial transactions. hBUDGET, from Oak Park Software, Inc., was written in compiled dBASE II language and can share its files with other programs such as dBASE II, III and Lotus 1-2-3. A copy was provided to the club for evaluation and demonstration.

The non-copy-protected software comes on a set of five diskettes, one start-up diskette, three program diskettes and one sample data diskette. A minimum of two floppy disk drives and 256k of memory are necessary to install the system. The manual recommends that DOS 2.0 or 2.1 be used with a floppy diskette based system as opposed to DOS 3.0 or 3.1 to improve the speed of operation of the disk drives. However, I was able to successfully run the system using DOS 3.1 by increasing the size of the RAM disk installed by the CONFIG.SYS file. The system can also be used with a hard disk drive requiring 1.3 mbytes of disk space.

I found the main program menu and the four sub-menus to be very easy to use with clear descriptions of the options available. This is very helpful to the user who may not be familiar with common accounting terms. The program also features excellent help screens which can be used in an automatic mode for a new user, or in an on-call mode for a more experienced user. The sample data provided with the program provides an excellent example of how to set up the data bases for the program.

The user can define up to 31 accounts, such as checking, savings and real estate, as well as 36 basic expense/income categories such as food, clothing and housing. Once these categories are defined, hBUDGET can be used to compute the current balance in any account and to determine the total net worth on any given day. Cash flow projections can be

made for any future date without altering the current data base entries.

At the end of each month hBUDGET provides a monthly budget total and comparison reports of the actual budget verses the planned expenses. These reports are just two of eleven possible printed reports which are available. A dot-matrix printer capable of printing in condensed mode is required to print these reports with a 14 inch wide carriage being recommended. Unfortunately, automatic check printing is not provided in this version of hBUDGET.

hBudget also provides some degree of data protection by employing a two tiered system of passwords. This system prevents some users from having access to critical portions of the data base. However, the data files themselves are not protected so the best protection is to secure the floppy disks themselves.

hBUDGET lists for \$155 but discounts are available to club members when purchasing in groups of five or more. An additional 20% discount is also available if you trade-in another home accounting program at the time of purchase. If you are considering a financial management program, I suggest that you check on hBUDGET to see if it meets your needs.



NEW IBM PRODUCTS

Earlier this month IBM announced several new products and price cuts. The major introduction was the PC Convertible, a 13 pound portable containing dual 3-1/2 inch disk drives. This laptop features a detachable display that can be removed easily to convert the system into a desktop computer with optional color and monochrome displays.

The Convertible comes with 256K RAM, can be expanded to 512K, has an 80-column by 25-line detachable LCD, and is battery equipped. The base unit is priced at \$1,995.

The new AT features a processor speed increase to 8 MHz and is priced at \$5,295.

PRICE CHANGES

PRODUCT	NEW PRICE	OLD PRICE
PC, 256K, 1 floppy	1,845	1,995
PC, 256K, 2 floppy	1,995	2,295
XT, 256K, 1 floppy	2,145	2,270
XT, 256K, 2 floppy	2,295	2,570
XT, 256K, 10MB hard disk, 1 floppy	2,895	3,895
AT, 512K, 20MB hard disk, 1.2MB floppy	4,895	5,795
AT, 512K, 30 MB hard disk, 1.2 MB floppy	5,295	5,995

DOT MATRIX PRINTERS

Well-inked ribbons also lubricate your dot matrix printheads. If you let your ribbon run down to the point of getting too dry, you may eventually burn out the printhead. This happened to a member of the PC Users' Group of the Redwoods.

CALL WAITING

(reprinted from the PC Users' Group of the Redwoods.)

If you have ever tried to send or receive data by computer, you know Call Waiting beeps not only can interfere with the accuracy of the transmission but may also have a tendency to disconnect you without warning. It's not a problem anymore. Pacific Bell has just added a new "Do Not Disturb" feature that will let you temporarily cancel Call Waiting. Anyone who calls you will then receive a busy signal, and you will hear no beeps on the line.

To cancel Call Waiting:

1. Lift receiver, listen for a dial tone.
2. Dial *70 (Touch-Tone phone) or 1170 (rotary dial phone).
3. Wait for second dial tone and make call.

To reactivate Call Waiting, just hang up or make another call.

CLASSIFIED ADS

SECRETARY NEEDED: Venture Capital firm in need of an experienced secretary with excellent organization/communication skills. Word processing experience desirable. Non-smoker. Salary commensurate with experience and skills. Please phone Joann Connors at 854-0627.

MODEL 100S WANTED: SeniorNet, a project which will link senior citizens nationally via a computer network, is looking for Radio Shack Model 100s. These computers will be used by the participants. If you are able to help, please contact:

SeniorNet
Computers for Kids Over Sixty Project
University of San Francisco
Lone Mt. Campus, Rossi Wing
San Francisco, CA 94117-1080
(415) 666-6541

PROGRAMS ADDED TO THE LIBRARY
SINCE DECEMBER, 1985

LISTING OF THE MAIN LIBRACAT CATALOG, printed 03-24-1986 at 14:13:31

FILENAME	DESCRIPTION	DISK	SIZE	DATE	CATEGORY
	THIS IS CATEGORY:- ACCOUNTING				
ACCTAX	Subdirectory 1985 FEDERAL INCOME TAX PREPARATION PROGRAM	GOOD ACCT'NG-#01		2-13-86	ACCOUNTING
	THIS IS CATEGORY:- ARTIF-INT				
	THIS IS CATEGORY:- AUDIO-MUS				
	THIS IS CATEGORY:- BLANK				
BENCHMK	Subdirectory	MISC---#02		11-29-80	
BENCHMK .		MISC---#02	148741	11-29-80	
FILELINE.TRY		EDUCAT'N#01	0	3-13-86	
DIRECTRY.UNS		FAMILY---#04	0	9-13-85	
FILELINE.TRY		BUSNS---#03	0	3-13-86	
	THIS IS CATEGORY:- BUGSDUDS				
	THIS IS CATEGORY:- BUSINESS				
DEDUCTPC	Subdirectory; KEEPS TRACK OF YOUR COMPUTER USAGE FOR IRS RECORDS	BUSNS---#02		11-29-80	BUSINESS
CONSULT	Subdirectory REAL ESTATE CONSULTANT INVESTMENT (DEMO)	BUSNS---#03		3-13-86	BUSINESS
	THIS IS CATEGORY:- CATALOGS				
	THIS IS CATEGORY:- COMM-NTWRK				
	THIS IS CATEGORY:- DATA-MNGMT				
FRAMEWRK	Subdirectory DEMONSTRATION PROGRAM OF FRAMEWORK	DATA-MGR#01		11-09-85	DATA-MNGMT
PC-DBMS	Subdirectory NEW DATA MGMT. PROG. (Mono or Color) VERSION 1.2(update LOOKS OK	DATA-MGR#11		3-13-86	DATA-MNGMT
	THIS IS CATEGORY:- DISK-DRIVE				
DISKIT	Subdirectory READS & ALLOWS CHANGING DISK SECTORS	GOOD DISKDRIV#01		3-13-86	DISK-DRIVE
	THIS IS CATEGORY:- EDUCATION				
LETTERFA	Subdirectory TYPING TUTOR	GOOD EDUCAT'N#01		3-13-86	EDUCATION
	THIS IS CATEGORY:- ENGINEER'G				
	THIS IS CATEGORY:- EXPNSN-BRD				
	THIS IS CATEGORY:- FAMILY				
GENEL'GY	Subdirectory GENEALOGY ON DISPLAY Ver. 3.1 (Start w/RUNFIRST.BAS)	UPDATED FAMILY---#04		3-13-86	FAMILY
	THIS IS CATEGORY:- FILE-MNGMT				
	THIS IS CATEGORY:- FINANCE				
	THIS IS CATEGORY:- GAMES				
	THIS IS CATEGORY:- GRAPHICS				
PC-GRAF	Subdirectory OPERATOR CONTROL GRAPHICS LINE PLOTTER W/ENHANCEMENTS	GOOD GRAPHICS#07		11-14-80	GRAPHICS
DRAFTMAN	Subdirectory PRODUCES CHARTS; GRAPHS & SIMPLE ILLUSTRATIONS	GRAPHICS#08		3-13-86	GRAPHICS
	THIS IS CATEGORY:- INFORMAT'N				
FILEDOCS	Subdirectory; DIABLO VALLEY PC CLUB LIBRARY INDEX w/Descriptions	INFO---#07		3-11-86	INFORMAT'N
PROCEDRS	Subdirectory; JOB INDOCTRINATION PROCEDURES	INFO---#07		3-13-86	INFORMAT'N
	THIS IS CATEGORY:- INTEGRATED				
TAX'85 .FM2	Subdirectory 1985 FED. & CAL. STATE TAX TEMPLATE FOR FRAMEWORK	HAS DOC INTEGRAT#05		2-22-86	INTEGRATED
TAX'85 .123	Subdirectory; 1985 FEDERAL & CAL STATE TAX TMLPT. FOR LOTUS 123	HAS DOC INTEGRAT#04		2-22-86	INTEGRATED
	THIS IS CATEGORY:- KEYBOARD				
	THIS IS CATEGORY:- LANGUAGES				
	THIS IS CATEGORY:- MATH-STAT				
	THIS IS CATEGORY:- MISC				
BENCHMK	Subdirectory; PROGRAMS FOR TESTING COMPUTERS & RELATED HARDWARE	MISC---#02		11-29-80	MISC
	THIS IS CATEGORY:- OP-SYSTEMS				
	THIS IS CATEGORY:- PRINTER				
	THIS IS CATEGORY:- PROFESSION				
	THIS IS CATEGORY:- REVIEWS				

CONTINUED ON NEXT PAGE

PROGRAMS ADDED TO THE LIBRARY

SINCE DECEMBER, 1985

CONTINUED FROM PREVIOUS PAGE

TEMPLATE	Subdirectory	PROG.TO SUPPLY LIBRARIAN INFORMATION ON FILES	REVIEWS-#00	11-09-85	REVIEWS
PROGREV	Subdirectory	REVIEWS OF APPROX.78 SPACUG LIBRARY FILES	REVIEWS-#00	11-09-85	REVIEWS
README		BRIEF INSTS. ON USING THE REVIEW TEMPLATE	REVIEWS-#00	512 11-09-85	REVIEWS
		THIS IS CATEGORY:- SCI-TECH			
		THIS IS CATEGORY:- SCREEN			
		THIS IS CATEGORY:- SOCIAL-SCI			
		THIS IS CATEGORY:- SPORTS			
		THIS IS CATEGORY:- VOLUME			
REVIEWS-#00	Volume name; - SOURCE :-	SPACUG	REVIEWS-#00	11-9-85	VOLUME
DATA-MGR#01	Volume name; - SOURCE :-	ASHTON TATE / CULVER CITY CA.	DATA-MGR#01	11-9-85	VOLUME
GRAPHICS#07	Volume name; - SOURCE :-	B.SHANNON BRISBANE CA & W.MEYERHOF MENLOPK CA.	GRAPHICS#07	11-14-85	VOLUME
MISC---#02	SOURCE; PC MAGAZINE #1	PARK AVE. NY NY 10016	MISC---#02	11-28-85	VOLUME
MISC---#02	SOURCE; PC MAGAZINE #1	PARK AVE. NY NY 10016	MISC---#02	11-28-85	VOLUME
BUSNS---#02	SOURCE: SOFT & FRIENDLY SOFTWARE -	HOUSTON TEXAS	BUSNS---#02	11-28-85	VOLUME
ACCT'NG-#01	Volume name; - SOURCE :-	ACCLUSOFT PO BOX16706 KANSAS CITY MO.	ACCT'NG-#01	2-13-86	VOLUME
INTEGRAT#05	Volume name; - SOURCE :-	DR MARTIN W. MOLLOY PALO ALTO CA.	SPACUG INTEGRAT#05	2-22-86	VOLUME
INTEGRAT#04	Volume name; - SOURCE :-	DR MARTIN MOLLOY PALO ALTO CA.	SPACUG INTEGRAT#04	2-22-86	VOLUME
WORDPROC#0B	Volume name; - SOURCE :-	VARIOUS	WORDPROC#0B	3-13-86	VOLUME
INFO---#07	Volume name; - SOURCE :-	VARIOUS	INFO---#07	3-11-86	VOLUME
DATA-MGR#11	SOURCE: Kware Inc. P.O.BOX	16206 ARLINGTON VA 22215	UPDATE DATA-MGR#11	3-13-86	VOLUME
EDUCAT'N#01	Volume name; - SOURCE :-	VARIOUS	EDUCAT'N#01	3-1-86	VOLUME
DISKDRIV#01	Volume name; - SOURCE :-	VARIOUS	DISKDRIV#01	3-13-86	VOLUME
FAMILY---#04	Volume name; - SOURCE :-	MELVIN O. DUKE-SAN JOSE-CA. (GENEALOGY)	FAMILY---#04		VOLUME
BUSNS---#03	Volume name; - SOURCE :-	CONSULTANT SYSTEMS SANTA BARBARA CA 93105	BUSNS---#03	3-13-86	VOLUME
GRAPHICS#0B	Volume name; - SOURCE :-	VARIOUS	GRAPHICS#0B	3-13-86	VOLUME
		THIS IS CATEGORY:- WORD-PROC			
SCRNWRIT	Subdirectory	TEXT FORMATTING PROGRAM FOR SCREEN PLAYS/TELEPLAYS	REL. 1.3 WORDPROC#0B	3-13-86	WORD-PROC

CLUB OFFICERS:

President:	Jim Caldwell	692-7181
Vice President:	Rebecca Bridges	326-8605
Financial Manager:	Beverly Altman	329-8252
ASSU Representative	Curt Carlson	941-5680
Speaker's Bureau:	Kathy Carroll	325-0824

SIGS:

FrameWork:	Jim Caldwell	692-7181
Lotus:	Nicholas de Paul	424-6968
Communications:	Corwin Nichols	494-8640
Novice:	Don Baird	365-6822

LIBRARY:

Public Domain Software	Les Weil	321-5541
Soft Copy	Jim Caldwell	692-7181
	Ralph Muraca	365-1659
	Turley Angle	369-1981
Hard Copy	Joe Wible	497-6831

RESOURCE PEOPLE**Application Packages:**

WordStar	Jonathan Steibel	494-0122
MicroSoft Word	Jeanie Treichel	851-8828
Word Perfect	Jim Caldwell	692-7181
Lotus 1-2-3	Bruce Coddling	367-8642
	Nicholas de Paul	424-6968
MultiPlan	Jim Webster	326-3365
Framework	Jim Caldwell	692-7181
Financial Software	John Van Deman	854-1167
Accounting Applications	Phyllis Boden	340-1119
Perfect Series	Stefan Unger	321-7319

Languages/Operating Systems:

Pascal, DOS 2.0	Jeff	321-5930
	Jonathan Steibel	494-0122
"C"	Corwin Nichols	494-8640
	Jonathan Steibel	494-0122
APL	Paul	968-8283
	Stefan Unger	321-7319

Hardware:

AST Boards	Greg Tinfow	493-7404
Expansion Boards	Curt Carlson	941-5680
Columbia computer	Stefan Unger	321-7319
Hard disks	Jim Caldwell	692-7181
	Jonathan Steibel	494-0122
Epson printers	Jim Caldwell	692-7181

CLUB INFORMATION

MAILING ADDRESS: P.O. Box 3738
Stanford, CA 94305

MEMBERSHIP: Louise Greer Bolitho 493-0979
\$25/year fee

NEWSLETTER: Rebecca Bridges 326-8605
P.O. Box 982
Palo Alto, CA 94302
Deadline for submissions: 15th of each month

ADVERTISING

If you are interested in advertising in PRinT SCreen, send camera ready copy to P.O. Box 3738, Stanford, CA 94305 before the 8th of the month. All ads are payable by check in advance. Rates per issue are:

Full Page (8.5 X 11) \$25.
Half Page (7.5 X 4.5) \$15.
Qtr. Page (4.5 X 3.5) \$10.

Classified ads are free to paying members.

**The Stanford/Palo Alto
Users Group for the IBM PC**
Box 3738 STANFORD, CA 94305

