

Networking: The Linking of People, Resources and Ideas

Greetings:

CUSS is now over a year old and some recollections are in order. When we started, we had no idea if anyone shared our interest in computers. We found the interest exists and is growing. The role of CUSS thus far has been to meet this interest by printing member ideas, resources, and activities, and you have responded with appreciation. But where do we go from here? Some ideas occur to me and I will throw them back to you for your response.

The goal of exchanging resources and ideas seems viable and will continue to guide the growth of the Network. A decentralized or distributed approach seems the best way to proceed. The newsletter is a mechanism to distribute tasks throughout the membership. Members participate by performing tasks as:

- Sending in their needs, interests, skills, experiences : activities.
- Distributing newsletters to friends and at workshops and conferences. If you're attending a conference where participants may be interested in CUSS, let me know and I will send newsletters to place on a resource table. I have distributed over 100 newsletters at each conference I have attended.
- Participating in the skills bank developed by Gunther Geiss, Adelphi U., School of Social Work, Garden City, NY, 11530 (516 489-2000 ext 8083 by completing the form in this newsletter.
- Sending in lists of resources others would appreciate. Fred Dejong, NASUA, reported a large response to his announcement of available documents in the last two issues.
- Referring appropriate advertisers to CUSS. If you think a vendor could benefit by exposure to CUSS members, tell them so and recommend they take out an advertisement.
- Exploring possible new activities for the Network. For example Tom Neudecker, U of Pittsburg, School of Social Work, 2225 Cathedral of Learning, Pittsburg, PA 15260 (412 624-1902) is still investigating the possibility of automating some Network activities using a commercial network, such as The Source. However, the response to Tom's request for input from members has not been overwhelming.
- Holding local CUSS Network meetings. Lynn Vogel had a large turnout in Chicago. We are planning a CUSS network meeting in the Dallas/Ft. Worth area this Fall, and have sent out a survey

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to help plan the format and agenda. I will send a copy of our survey and mailing labels of CUSS members to anyone planning a local CUSS meeting. For those in a foreign country, Floyd Bolitho's work in Australia offers a model to follow (see members report section).

- Reporting on ideas, products and events. Many members have made formal reports on conferences, surveys, and experiences. This issue launches a hardware/software review column by Richard Reinoehl and Linda D. Iroff. The column promises to be a great addition for those seeking more technical information on vendor products. Other more formal reviews of vendor products useful in the human services are welcomed.
- Participate in the Users Software Survey in this issue. The survey is an attempt to provide a more formal mechanism for members to share knowledge. The results will be published in a future issue, and if successful, the survey will become an annual Network function.

Computer Use in Social Services (CUSS) is a network of professionals interested in exchanging information and experiences on using computers in the social services. The Network's newsletter is published 4 times each year. Those interested in joining the network and receiving the newsletter should write to Dick Schoech, Editor/Coordinator. Information on your interests, needs, experiences, hardware/software familiarity, etc., are welcomed. To cover expenses of postage and printing, a \$5 contribution is recommended for students and the poor, \$10 for individuals and \$10+ for institutions and those willing to provide additional support. Back issues are available for \$2.50 each.

I wish to join the network. (Send to: Dick Schoech, UTA GSSW, Box 19129, Arlington, TX 76019)

Name: _____ Title/Occupation: _____

Organization: _____

Address _____

City _____ State _____ Zip _____

Dues: I enclose _____ . Make checks payable to CUSS Network.

Think up new ways to participate. The possibilities are endless and I'm open to all suggestions. For CUSS to become a viable exchange network, everyone should participate in some way.

For the past several months, I have been talking to Haworth Press about their publishing, advertising and managing the books of the Network newsletter. Haworth would allow CUSS complete editorial control and would pay CUSS a percentage of royalties. After very serious consideration on both sides, we decided to postpone the decision until the newsletter becomes more viable in terms of (1) paying members and (2) the amount of print which I receive each quarter, and until Haworth becomes more automated in their operations and can provide the rapid turn-around we desire on printing and distribution. I appreciate the help given by many of the Network members I called on and would welcome member comments for future negotiations.

Advisory Board Forming: The negotiations with Haworth pointed out the need for a CUSS advisory board to help in Network decisions and to help in expanding the content of the Network newsletter. Becoming more formalized has some advantages, for example, we can receive more recognition as a viable entity and accept longer reports, works-in-progress, think pieces, commentaries, book reviews, articles, etc. Quality will be a major criteria; we do not need to publish longer pieces, but need the capacity if good longer pieces come along.

CUSS Conference?: I have received several requests for a CUSS Network conference. While I support the idea, I do not have the time to set one up and run it. My feelings are that CUSS members could meet as a group at existing conferences which many members periodically attend, e.g., American Psychological Association Conference. If you are interested in organizing a meeting of CUSS members at a conference you plan to attend, let me know and I'll put your name, address, phone number and meeting information in the next issue. Reports from these attempts and local CUSS meetings should indicate the viability of a National CUSS conference.

Membership: For the past year, I have placed everyone who I thought may be interested in human service computing on the newsletter mailing list and removed only those who requested removal. Thus, membership may not have been the precise term to use. The emphasis the first year was to get the newsletter into as many interested hands as possible. However, as of this issue, I am narrowing the membership to those who have paid membership dues, those who receive complimentary copies, and those intending to pay but unable to quickly process a check.

Finances: The Network has two conflicting goals, the first to get information out to all who want it, the second to survive financially. To maximize the first goal, I have sent free newsletters to all who requested them and put their name on the mailing list for all future issues. To maximize the second goal, I have requested contributions from all who received the newsletter and wanted to continue to receive it. At present, 32% of the members contribute. Advertisers and larger donations have helped us survive. Our only expense has been printing and postage. Beginning with this issue, I have decided to delete those not contributing from the mailing list. **If you see a \$ behind your name, you will not receive another issue unless I hear from you.**

Announcement prepared: A 1/2 page announcement on CUSS has been prepared which can easily be included in a routine mailing to human service organizations or professionals. I will send copies to anyone willing to include them in a mailing or hand them out. I have had excellent luck with announcements in newsletters. If you know of a newsletter that could announce CUSS to its audience, let me know and I'll send them the necessary information.

Dick Schoech, 1 August 82
Newsletter Editor/Network Coordinator

Reports from Members

Hardware Review — Here Comes the Sun by Richard Reinoehl and Linda D. Iroff, Consultants, Humant Development Consortium, 802 Torrey Bldg., 314 W. Superior St., Duluth, MN 55802.

(Editor's note: I am pleased to announce this CUSS newsletter review column designed to keep members abreast of the newest technologies and their application in the human services. The authors welcome comments, specific questions and suggestions for future columns. Naturally, the opinions are those of the authors alone.)

As small computers become more powerful, and powerful computers become smaller, the distinction between micro and mini computers is blurring. For our first column, we will discuss a desk top system that approaches super-mini power at a micro price.

The Stanford University Network (SUN) workstation is a little known but exciting new microcomputer. It is based on the Motorola 68000 chip, which is widely recognized as the most popular and one of the most powerful of the 16-bit processors. The SUN comes with 256K bytes of RAM (expandable to 2 M), a 17" graphics monitor with 1000 by 800 pixel resolution, the UNIX operation system and a 3M bit Ethernet interface. It is priced at under \$10,000, with substantial discounts available to non-profit organizations. A hard disk system (8M bytes fixed and 8M removable) is available for an additional \$8,500.

The major advantages of this system lie in its speed, high resolution graphics and networking capabilities. The 10 MHz 68000 processor, which can perform up to one million instructions per second (the speed of an IBM 370), has been tested as running at 40-70% the speed of a VAX 11/780, a \$200,000 super-mini computer. This speed allows the SUN to handle several users simultaneously (up to 16 may be supported) without the slow down that occurs in the so-called "multi-user" micros and even in many minis.

The graphics capabilities of the SUN are way beyond those of any other micro we have seen. The 16 frame per second cinematic refresh rate results in non-flickering moving images. The system supports vector drawing, text, characters of any shape or size, multiple windows, scrolling, etc. These abilities open a wide range of choices for conveying complex client, budget and other information in easy to interpret images. More interesting are the possibilities of using computer graphics for direct interaction with the client, including treatment for the severely disabled.

The Xerox Ethernet interface is a local area network which allows several SUN workstations to share information and peripherals, such as printers, disk and tape drives, and communication interfaces. The network provides for easy expansion and upgrading. If more processing power is required; a new workstation may be added with complete access to existing equipment. It is also an ideal tool for distributed processing in a larger organization. Each department may have control of its own data processing, yet information and other resources are easily shared.

The SUN uses the Bell Labs UNIX operating system, a multi-tasking, multi-user system developed for use on mini-computers. Unfortunately, most of the application software currently available for UNIX is aimed at the minicomputer market, and is therefore rather expensive. However, UNIX and UNIX-like (Xenix, Cromix, etc.) operating systems are becoming very popular for the new 16-bit micros, and UNIX may well become the CP/M of the 16-bit machine. In any case, many popular inexpensive software programs are being rewritten for UNIX.

In summary, the SUN workstation, with its combination of speed, graphics and networking represents a powerful and versatile computer that can meet a wide variety of applications in human services. For additional information on the Sun, write SUN Microsystems, Inc., 2310 Walsh Avenue, Santa Clara, CA 95051, or Cadlinc, Inc., 8600 W. Bryn Mawr, Chicago, IL 60631.

In future columns, we plan to further discuss such issues as networking and a "community-based" computer system, graphics, generalized data base management systems, etc. We hope you will share your ideas, questions and comments on these and other topics. These discussions could act as a catalyst for some exciting advances for computer use in social services.

Activities from "Down Under" by Floyd Bolitho, CUSS Coordinator — Australia, Latrobe U., Social Work, Bundoora, Victoria, Australia 3083.

A brief note to keep you informed of our activities "Down-Under". As mentioned in our last note C.U.S.S. — Australia is a reality. Norm Smith and I have formally launched the Network which, to date, has attracted just under 20 local contributing members. A letter has been drafted, and once in receipt of a promised mailing list, it will be sent out en masse to local human service agencies and professionals, informing them of the existence of C.U.S.S. and requesting their participation in the Network. We will keep you posted as to our success.

Norm has, since arriving back in Australia from a study leave in U.K. and the U.S. where he looked at the use of computers in social work education, now become totally submerged in the topic to the point where such interests have taken on full time proportions. These include: (1) The development of a semester BSW course titled 'Computers in Human Relations', which provides 'hands on' opportunities. The course looks at the concepts used in computing, its approach to problem definition and solution, and its application in social welfare. Students are also introduced to programming. (2) The writing of a BASIC program for applications in "Fuzzy" decision making situations. The program is based on the work of earlier efforts which utilize Saaty's and Zadeh's mathematical work in the area; and (3) the recent completion 1/2 of a program module for use in trend analysis where a number of variables are examined in conjunction with each other over a period of time. Work is in hand on a Social Security eligibility information program for use by clients and social workers. Anyone interested in Norm's work should contact him at the Department of Social Work, Monash University, Clayton, Victoria, Australia, 3168.

Pursuing mutual interests, Norm and I have been working on ways of developing awareness of, and skills in, the application of computers in human service organizations in Victoria. As a result of the Workshop which I outlined in a previous report, Norm and I have called into a number of local organizations interested in extending their knowledge of computers and their applications to their respective agency needs. In addition, a number of people have expressed interest in C.U.S.S. and we now act as accreditors and Australian agents for the enterprise.

As for myself, aside from the demands of numerous community consultations, I have just recently developed a post-graduate course titled 'Automation Technologies in Social Work Practice'. The course is designed for those students interested in developing rational decision-making skills and in the application of micro-computer skills in social work practice. It is being taught as an experiential seminar providing 'hands on' computer exposure. It focuses on decision making in human service organizations, service delivery systems, and evaluation of program performance. Information systems, data base management, data generation, collection, processing, storage, retrieval, and utilization are considered in relation to management control, administrative decision-making and planning. (Thanks to Pay Coyle, Univ. of Tennessee, Nashville, for assistance in course perspective)

Given the size of our program here at La Trobe (35-40 students per entering class), I was surprised by the number of students electing the course. I expected, at most 5-6 and ended up with 13. As we have only one micro whose first priority is for administrative and clerical purposes, you can appreciate the scheduling problems I am experiencing. Not all is lost, however. This demand is the kind of evidence I need to justify additional micros dedicated to instructional uses only. Drop me a line if interested in a copy of the course outline.

I am still very much interested in identifying information system software for human service agencies. As I stated above a number of agencies here are seriously interested in instituting comprehensive computerized information systems into their operations. I would very much appreciate hearing about relevant systems and software from C.U.S.S. readers.

Cuss/Chicago Meeting Held in May by Lynn H. Vogel, 969 E. 60th St., Chicago, IL 60637.

Over forty persons attended the first meeting of the CUSS/Chicago region, which was held on Wednesday, May 12 in Chicago. The meeting featured Mr. Stephen Lorch, Director of the New England Center for Protective Services, and formerly lecturer in Health Services Administration and Associate in Psychiatry at Harvard University. Mr. Lorch is a system analyst, and consultant in information and decision support systems, and has been working in the area of computers and

systems for over twenty years. He has been actively involved in the human services field for much of that time.

Mr. Lorch presented a slide show and discussion, depicting the similarities between human services and other service agencies (e.g., airlines) in terms of their need for tracking and reporting information systems. After Mr. Lorch's presentation, an informal discussion was held to consider the need for similar meetings in the future.

The group was enthusiastic about the possibility for future meetings, and a committee of interested participants was subsequently formed to consider specifically how CUSS/Chicago might proceed. The committee includes Lynn H. Vogel, School of Social Service Administration, University of Chicago; Joan DiLeonardi, Children's Home and Aid Society of Illinois, Baila Miller, The Jewish Federation of Greater Chicago; Bob Spector, Council for Jewish Elderly; Margaret Borden, the United Way of Greater Chicago; Barbara Monsor, Youth Guidance, Inc.; and Bruce Ente, Institute for Juvenile Research. The committee is currently considering the possibility of a day-long conference in the autumn, focusing on agency experiences with computers and information system developments, with an opportunity for agency staff to also meet with area vendors. Several general presentations about information systems and the human services environment will also likely be scheduled.

Persons in the greater Chicago area interested in being added to the mailing list for the fall conference, or otherwise interested in being kept informed about the Chicago area activities, should contact Lynn H. Vogel. (Note: all CUSS members in the Chicago region are already included on the region's mailing list).

Reflections from an Advertiser by Michael J. Gorodetzky, PhD, Information Systems Consultant, Human Services Computing, 2020 U. Ave., Madison, WI 53705.

We are pleased with the response to our Human Services Computing advertisement in the CUSS newsletter. The responses reflect, I believe, a growing interest on the part of direct service providers as well as schools of social work to begin and, in some cases, expand their use of computers. Responses have ranged from interests in our data base management system, EPIC, to our computer interviewing system, Dialogue. As I have been talking with various users and potential users around the United States I am left with the distinct impression that we are in the midst of a new cycle of computer enthusiasm.

When computer applications first came on the scene for human service providers there was initially a great deal of optimism about the potential of complex management information system and the virtues of large main frame computers. In some cases these optimistic appraisals were justified but in many cases they were not. There followed a period of disillusionment in which one prominent system came to be known as "the MISinformation system". The name of course reflected the general disillusionment on the part of the staff about the quality of the information system.

Subsequent to some of the applications on large machines there have been a wide variety of mini-computer installations which have been, I believe, more successful not based on the size of the machine as much as the lower costs of smaller machines and of course the concurrent development of new software which greatly eases the development of information systems.

Particularly the development of data base management technology has greatly increased the likelihood that an information system will in fact be responsive to the needs of an organization. EPIC-based systems are dynamic, that is they can be modified as information needs, legislative mandates, organizational and staff requirements change.

The EPIC data base management system offered by Human Services Computing is a distinctively powerful tool for such system development. The system truly manages most aspects of data collection, storage, retrieval and analysis.

The most recent events in the evolution of computer technology for the human services involves the rapid expansion in the community-at-large of personal computers. Unquestionably, a great many applications are suitable for micro-computers. Particularly systems that do not require multiple users simultaneously accessing a common data base. However, as with all computer technology, human service providers should be cautious to carefully examine how their needs can be met by an appropriate combination of computer hardware and software. I am particularly concerned that, as with any new technology, there is a growing cadre of "true believers" who fail to understand the limitations of micro-computers. Rather they have a tendency to make some logical leaps from the extensive and powerful applications which micros are certainly capable of to the conclusion that micros can do everything. A basic caveat for any new information system user might be "if the

vendor or user that you are speaking to seems to be claiming an unlimited horizon for their particular machine or software application, you should proceed with extreme caution. One is reminded of the Law: "For every complex problem there is a simple answer . . . which is wrong."

In closing let me say that our experience at Human Services Computing has been that the CUSS Network is well on its way to enhancing communication amongst users. Sharing across the boundaries of state and regional lines will be a great aid to any consumer of information systems. I encourage you to continue your good work in establishing this important network.

Report on the 22nd National Workshop on Welfare Research and Statistics by Dick Schoech.

Gunther Geiss and I were part of approximately 250 people who spent several enjoyable days at this friendly, well organized conference in San Antonio, TX. The agenda included sessions on data analysis, information systems, policy analysis systems, and even decision support systems. Surprisingly, the research concerned client programs; no one seems to be evaluating information systems to see if they are efficient and effective. Most of the information systems discussed were large city or state systems, but microcomputers kept appearing in the reports as ways to inexpensively do a specific series of processing tasks. The American Public Welfare Assn. presented its Voluntary Cooperative Information System (VICS) which will begin this fall. Details are still being worked out on what information to put in the system and how the system will be funded. The Texas Dept. of Human Resources presented its Policy Analysis Decision Support System project. The project used a computer to aid modeling in a rational policy analysis process. DSS seems to be the "buzz word". Any application using a computer model seems to be called a DSS.

All in all, the conference was a great forum for federal and state officials to discuss data collection, processing, and research needs and ideas. Next years conference will be held in Mississippi. For the proceedings of this and previous years, write James B. Schaub, Director Research and Analysis, Income Maintenance Administration, Maryland Dept. of Human Resources, 300 W. Preston St., Baltimore, MD 21212

Systems and CIHSM — Valuable Resources in Child Welfare Computing from CYCIS-DATA Newsletter, with permission from Randall R. McCathren, Ex. Dir., Systems, 1346 Connecticut Ave., N.W., # 310, Washington D.C. 20036 (202) 223-8803.

The Cycis Organization Gets New Name- Systems: Since its beginning in 1979 the CYCIS-DATA Project and the other CYCIS and JISRA activities have been housed in a corporation whose name did not match the organization's activities: The Institute for Societal Research, Inc. Originally, the organization was identified largely as CYCIS-DATA since the project constituted most of the organization's activities. However, over the past three years, a number of new projects have been undertaken and the scope of activities has expanded to include juvenile court information systems, state system evaluation projects and management information systems for diverse human service agencies. At a meeting in May, the Board of Directors agreed to a new name: SYSTEMS. The acronym better reflects the range of current activities: Child and Youth Systems: TECHNOLOGY, Evaluation and Management Support.

The name change will not change the activities or direction of the organization. "Hopefully, the new name will better reflect our primary purpose — the improvement of services provided by child welfare, youth service and juvenile court agencies through the use of management information systems and other technical aids for improved agency management."

Systems Plans CYCIS Adaptation for DUI Treatment Agencies.

With the completion of a microcomputer CYCIS version for private child welfare agencies, CYCIS can now be adapted for other private human service and treatment agencies. One of the first areas planned for this adaptation is the treatment of clients referred to private agencies after conviction for driving under the influence of intoxicants (DUI). CYSTSEMS has entered into an agreement with Occupational Health Service, Inc. a leading California treatment agency located in Oakland, California, to develop a prototype DUI Program Management and Client Tracking System. Walter D. McDonald and Associates, the technical designer of CYCIS, will perform all technical design work in adapting Residential CYCIS and implementing the national prototype demonstration with Occupational Health Services.

Private treatment programs for drinking drivers are an important part of the national campaign to reduce traffic accidents and deaths. With the large number of clients treated on an outpatient basis, treat-

ment agencies need sophisticated help to track the activities and progress of their clients. An easy to use, inexpensive computerized tracking system will meet that need.

Mr. Robert Teamer, President of Occupational Health Services, has recognized the need in his agency for sometime: "We spent a tremendous amount of time and energy coordinating our staff activities with clients and trying to insure that all of the clients are progressing as they need to. I know that we could monitor our clients and evaluate our services much better if we had a computerized tracking system. With the sophisticated CYCIS software now available on inexpensive microcomputers, the barrier of expensive and arcane computer hardware has finally been broken. I think the wave of the future in computerizing DUI treatment agencies has now arrived." As the president of the California State Association of Drinking Driver Programs, Mr. Teamer represents the view of many other agencies on the need for such a tracking system.

Further information on the DUI Program Management and Client Tracking System may be obtained from Randall McCathren, Executive Director, SYSTEMS.

Systems Awarded Contract to Provide Assistance to CIHSM.

On May 17, 1982, SYSTEMS (Child and Youth Systems: Technology, Evaluation and Management Support) was one of three firms chosen from among 25 respondents to the Illinois Department of Children and Family Services (DCFS) to provide technical assistance to the Consortium for Improving Human Services Management (CIHSM). CIHSM is a project of Illinois DCFS funded by the HHS Office of Human Development Services. Formerly sponsored by the State of Georgia, the purpose of the CIHSM Project is to provide technical assistance to state child welfare agencies to improve their child welfare management information systems and case review systems. Through transfer of successful system development techniques and technologies used in implementing state wide information systems, CIHSM seeks to improve the capacity of the states to meet their own child welfare information needs and the P.L. 96-272 mandates and goals for child welfare.

The CIHSM Project will provide three levels of assistance to states. Level I assistance will consist of a general assessment of the needs of the state requesting assistance and their present capabilities. This initial assessment will be conducted jointly with the state with a week or less of CIHSM help. Level II assistance will follow the assessment stage and will address the highest priority state needs. If a state is just beginning a systems effort, the assistance might consist of requirements analysis, identification of existing technologies which could contribute to meeting the requirements, identifying alternative strategies for development, and estimation of budget requirements for those strategies. At the end of Level II, the state should be able to make a decision regarding which technologies will be transferred and how this will be accomplished. Level II assistance will typically require three or four weeks of CIHSM help. Finally, Level III assistance will be the actual development and implementation of systems. The vast majority of the funding for Level III will come from the state itself, with the Consortium providing limited matching funds and donated time of some key Consortium and State staff.

All states are eligible for assistance, however, resources are available for only a limited number of tasks, and requests will be prioritized. When a state has been selected to receive assistance, that state, with the advice of CIHSM staff, will select consultants from SYSTEMS or one of the other qualified firms, Data Management Associates and Arthur Young and Co. CIHSM plans to initiate a series of efforts to help states improve their child welfare information systems during this federal fiscal year. It is anticipated that the project will provide 15 Level I assistance projects, 5 Level II projects and begin a maximum of two Level III projects by October 1, 1982.

For further information on this project and the technological assistance available, contact Ms. Marilyn Caplin, CIHSM Project Director, Illinois Department of Children and Family Services, 160 North LaSalle Avenue, Room 1700, Chicago, Illinois, 60602 (312/793-4650).

Member Comments and Activities

Child Welfare Computer Network Application (From Joyce Archibald, User Services, Social Services and Community Health, 7th St. Plaza, 10030-107th St., Edmonton, Alberta, Canada T5J 3E4)

I am the manager of User Services for the Social Services Systems Development Project in Alberta. User Services is heavily involved with the design and implementation of new computer systems for the Province in Social Services. Most of our staff are social workers who have had experience in the field. We are currently implementing a computer network throughout the province with a Child Welfare appli-

cation. We have just completed implementation of the Client Index system for Child Welfare which is a computerized registry of all the Child Welfare clients. Later this year we will be implementing a Client Index system with the Income Security application and will also be putting an Income Security application on the Remote Data Entry network. We are looking at where we should go in the future and I am most interested in what is happening with Social workers and computers elsewhere.

I & R System Using Data Factory Software (From Nancy F. Knepper, PA Statewide Technical Assistance Resource for Special Education, 236 Union Deposit Mail, Harrisburg, PA 17111)

Since I am now working for a fully-funded project, please accept my contribution to the publication of CUSS. I read every issue completely and I am very interested in the articles which appear.

I have been working with Data Factory software from Micro Lab for the last six months in developing a data-base for specialized information and referral services. Now I am ready to embark on using a combination of Data Factory, V Factory, and VisiCalc to develop a total Management by Information System for our organization.

I would be interested in sharing what I learn as well as hearing what others are doing in this area.

Again, thanks for the newsletter — it's great!

Mental Health Software Vendor (From Bruce Duthie, Psychological Software Specialists, 1776 Fowler #7, Richland, WA 99352)

I develop and market software of interest to mental health professionals. I would be happy to send anyone requesting a free copy of our 1982 resource catalog. We also review computer programs for possible marketing in our catalog. We have programs that interpret the MMPI, Rorschach, 16 PF, WAIS-R, WISC-R and one that steps through the PSM-III. We are currently developing programs that interpret the Reitan and SCL-90. Most of our programs run on both the Apple and TRS-80 Model III micro-computers.

Looking for Friendly Applications (From Linda Thompson, TX Dept of Human Resources, REgional Office, POB 5128, Arlington, TX 76011).

The Department of Human Resources currently operates on two Univac main frames with remote terminal sites around the state. Upper access is limited at this point. However, some exciting changes are happening. The Human Resources board has ear-marked start up costs for automating some of the larger offices around the state. The plan is for full automation, with an intelligent, inter-active terminal accessible to every caseworker. The potential is awesome. For example, no more forms, an automated library of current casework literature, instant tracking and contact information on clients, etc, etc. — not to mention the management information available in such a system.

The other exciting news is that some counties have started independent MIS projects. Harris County has a system that has been operative for some time now. Nacogdoches is beginning one, and Dallas County has recently purchased a computer. Thus far the projects have used consultants to custom-design the software. My question: Is there anything on the market friendly and adaptable enough to be purchased and refined by in-house staff?

I think the CUSS Network is a "great notion." It not only provides a support group for those of use who currently work with systems in human services but potentially offers the kind of organization necessary to approach the computer industry with our hardware/software needs.

I am also giving thought to organizing a local APWA/ISM chapter. Any thoughts, comments, ideas on the subject?

Project for Micro/Computer Applications in Social Services — England (from Peter Marsh, David Phillips, Alan Tennant, Department of Sociological Studies (Social Work and Social Policy), University of Sheffield, Sheffield, England).

We have recently set up this project which has two overall aims.

1. To evaluate and develop current micro-computer technology and software in social services settings.
2. To provide information about contemporary uses of micro-computer technology and software in social services.

The use of micro-computers as "intelligent terminals" of main-frame machines is included in the headings above.

At this stage we have an Apple II, with double disk and Epson MX80 printer. We are hoping that this machine will be used by postgraduates, researchers and others to develop and test small scale software for social services use. We intend to collect data on the current applications of computing in social services during late 1982. There is the possibility of the development of a large-scale social services information project. This would include direct practice use, management

needs, and central and local government data.

Microprocessors as Aids in Teaching Statistics (From Walter Hudson, Florida St. U., Tallahassee, FL 32306)

For many years I've frustrated over the problem of how to teach social work students some basic statistics in a way that will actually enable them to use it. The big problem has always been computational — number grinding. Over the years I've learned a few things about all this.

1. If you stress computation a great deal is lost in conceptual understanding, and they forget the computations one semester later. 2. If you stress the conceptual use and understanding of statistics, then they don't know how to use it. 3. If you teach both, then the students come away knowing well a very few things. Is a happy medium possible?

It occurred to me a couple years ago that we have overlooked an enormous teaching aid in the form of the very smallest of the "microprocessors." They are called pocket scientific calculators. The nice thing about them is that students can afford them. The bad thing about them is that students are rarely taught or bother to learn how to use them. Well, I started distributing a few calculator "notes" in class — instructional stuff to show the students how to solve stat problems with a pocket calculator. They loved it! The idea took off and I've now expanded those class notes into a book. It's called "A Statistical Package for the Pocket Calculator: The SPPC Manual." (See Resources — Books section)

The book will be out around mid-August, and I'm excited about this because I will no longer have to spend huge gobs of time teaching computational stuff — The SPPC Manual will do that. Now I can focus on the conceptual stuff and still have the students do a huge amount of computational work — with much reduced agony for them. Best yet, the students who keep their copy of the text, The SPPC Manual, and their pocket calculator beyond the end of the course will have access to the actual use of statistics in their professional lives for many years to come. Also, once I got into this project, I was most impressed with what one could actually do with a very limited machine!

Teaching, Consulting, Super Micros & Shared Mass Storage (From Richard Reinhoel, Human Development Consortium, Inc., Torrey Bldg. #802, 314 W. Superior St., Duluth, MN 55802)

My primary interest is the creative application of computer technology to human services. I'm presently a faculty member in the Social Work program at the University of Wisconsin, Superior. Next winter quarter I'll be teaching an undergraduate class on Computers in Social Work.

I am also a member of the Human Development Consortium, a consulting group which specializes in helping organizations through the computerization process. We especially like the use of generalized data base systems so that organizations can meet changing requirements without further need of consultants or programmers.

I am also a strong advocate of menu driven software. This method means that both administrators and on line staff can easily access appropriate information without need for a computer operator or expert.

Some of my most recent interests and activities have been in the area of the "super" micros. I like some of the possibilities that are evolving from the use of Ethernet and shared mass storage for distributed processing.

As a member of the Consortium I have had considerable pleasure in helping organizations implement both time-sharing and in-house computer systems. My colleagues and I have provided state-wide workshops and also delivered papers on computerization at national conferences.

Researching Use of Technology in Britain (From Nigel Robinson, 141 Rupert Street, Norwich, England NR 2 2 AX).

I am interested in subscribing to the CUSS Network. I plan to carry out research into the use of new technology in the management of information resources in the social services in Britain.

Rural Clinics CMHC Coordinator (From Jerry Cinani, 1937 North Carson Street, #245, Carson City, NV 89710).

I became a Network member while employed at the Community Mental Health Center in Lancaster in Lincoln, Nebraska. Recently I moved to Carson City, Nevada, and I am presently employed with the Rural Clinics CMHC of Nevada. My Nevada position is that of coordinator of program evaluation with responsibility for a management information system.

CMHC System Using Digital Microcomputer & CP/M (From Cynthia B. Freier, Maimonides CMHC, 4802 10th Ave., Brooklyn, N.Y. 11219)

Our facility is finally getting computerized this summer.

The computer experts of the Medical Center have been working with us on software development. Our center will be purchasing the equipments directly from the manufacturer, the Digitan Systems.

Specifically, we are going to use the DE-2000 series, CP/M Disk Operating Systems. CP/M stands for Control Program/Monitor was developed by Digital Research of Pacific Grove, California. It's designed for use with 8080/Z80 — based microcomputers with IBM-3740 compatible floppy disk drives. The nice thing about it — it is available as unbundled software, which we can customize to our own terminal and disk interface.

Like any conversion from manual system to automated, our facility has monumental tasks ahead of us before implementation of the computer system. I'd like to have the time to write about it and share it in the CUSS newsletter.

Aging Information System Using an Apple II (From William Briggs, 3435 Alford Drive, San Diego, CA 92111).

I am a volunteer consultant working on an APPLE II attempting to develop a client services record management system for a senior citizen center. The information will be collected, reformatted and reported to the local area Agency on Aging. I am especially interested in contacting others who have prepared or who are preparing software of a similar nature.

A Distributed Multipurpose System — Australia (From Murray Mountain, Association for the Blind, 7 Mair St., Brighton Beach, Victoria, Australia, 3188)

As far as our ideas and interests, etc. — as we are an organization with branches throughout the State of Victoria the type of system that we would be looking at would be one where there is a main computer with terminals at each of our country branches and eventually we would be looking at something like 12, but initially about six.

The areas of need for our organization in order of priority are:

1. Accounting, which would need to tie in with the Health Commission's requirements.
2. Fundraising applications, e.g. letter appeals, etc.
3. Patient records and statistics.

We are seriously looking at our applications and hope to have our needs and requirements completed by the end of this year.

I would be very interested to know what software is available both locally and from overseas.

Multiple Interest — Australia (From Kirk Warren, 28 Esplanade, Clifton Hill, Melbourne, Australia).

My interests are: 1. the use of computers in large public welfare agencies, particularly the development of data-base usage; 2. the use of small computers as a community resource — information bank, statistical manipulation, report generation — to be controlled/used by local groups, individuals, small welfare agencies; and 3. the development of information networks such as CUSS to facilitate development in Australia.

Multiple Interest, But Still "Babes in the Wood" — Australia (From Ann Turner, Vocational Rehabilitation Service, 516 Victoria Parade, East Melbourne, Victoria, Australia 3002).

We are a completely independent privately funded service specializing in worker's compensation and motor accident cases. We are interested in computers not only for accounting and administrative reasons, but for client records, research, and service information. Two of our staff have limited exposure to computers as part of our studies, but we are still very much "babes in the wood" as far as deciding on the best solution to our computer needs.

Planning Uses — Australia (From Valerie Adams, Health Commission of Victoria, 32 Croochsure St., East Cambermell, Victoria, Australia 3214).

The organization in which I work has a computer or two in various departments. I am interested in developing skills mainly along the lines of seeing how health/welfare data that is generated from numerous departmental activities can be used in planning.

IBM PC User (From W. R. Cozens, The Salvation Army, 845 22nd Ave., Honolulu, Hawaii 96816)

This letter is in response to your notice in the June 1982 issue of the Association of Mental Health Administrators Newsletter concerning a computer users network.

Although I have only owned a microcomputer (an IBM PC) for a little over 9 months I have already found it to be an extremely useful tool in my work. I am most interested in making contact with others of similar

interest and would greatly appreciate receiving a copy of your newsletter.

Program Planning and Case Management System (From Chrisan Hooper-Russell, TX Dept. of Human Resources, POB 3507, Longview, TX 75606).

Enclosed please find my contribution for joining the CUSS Network, I am currently employed by the Texas Department of Human Resources and am attending the UTA Graduate School of Social Work on a part-time basis.

Region 07 of TDHR has recently acquired several word processors and a microcomputer for regional use. Region 07 is a predominantly rural area comprised of twenty-three counties. The microcomputer is already being used by our Budget and Planning Office, and we are currently exploring other uses, particularly in the area of Child Protective Services.

We have begun the process of identifying possible users at both the Child Protective Services administrative and direct service delivery levels, and we would appreciate hearing from anyone who has been involved with setting up such an automated program planning and case management system.

I & R application (From Joy A. Smith, United Way of Howard Co., 400 N. Main St. POB 566, Kokomo, IN)

United Way of Howard County, Inc. began operating an Information and Referral Service in September, 1981. At this time we are still getting many new ideas and we are very interested in anything in the field of computer use in service delivery.

Please send us the complimentary copy of the network newsletter working in this area. We do have a computer here and would like to put it to use for the Service.

Training on MIS (From Cheryl Van Zandt, Management Training Institute, National Easter Seal Society, 2023 W. Ogden Ave., Chicago, IL 60612)

As the coordinator of National Easter Seal Society Management Training Institutes, I am interested in sharing your information with our faculty presenters. We hope to conduct a training institute in Management Information Systems in the near future, and will find your newsletters most helpful.

Just Beginning to Computerize (From Steven R. Goebel, Catholic Charities, 2800 Otis St. N.E., Washington, D.C. 20018).

Please send me copies of the newsletter provided for the Computer Use in Social Services Network. Associated Catholic Charities is a human service agency with a current budget of three and a half million dollars and 150 staff. At present we have no hardware and are not utilizing computers for information management or even word processing.

As Director of Community Services, I work with parish and neighborhood organizations, legislative and advocacy networks, and community development and self-help projects.

I have recently begun to investigate the potential of data processing through an introductory course and through visiting computer stores. I was pleased to find the Fall/Winter 1981 issue of Administration in Social Work devoted to computer applications in social service agencies.

Mailing List Applications (From Bob Broedel, POB 20049, Tallahassee, FL 32304)

I have an Apple II Plus that I use to handle mailing lists for progressive groups . . . like the National Anti-Klan Network, the Haitian Refugee Center, the Florida Association of Migrant Organizations, the Southern Student Activists Network, etc.

"Cut Back" Planning, Management & Social Work Practice (From George Hoshino, U. of MN, School of Social Work, 400 Ford Hall, 224 Church St. S.W., Minneapolis, MN 55455).

My current interest is "cut-back" planning, management, and social work practice." I've noted while examining the problems caused by the cutbacks in federal and state funding that the administrators and practitioners understandably bemoan the consequences, but tend to see the situation as an aberration or a more or less temporary situation. In time, the economy will swing up, prosperity will return, and things will be back to the expansion direction. That's the basis of the Western Liberal Tradition, of course. All planners and advocates operated on the basis of "more." I examined most of the theories and models of planning, administration, community organization, community development, advocacy, etc., and all are based on expansionist models. Maybe that explains the despair. Even affirmative action, more or less,

is based on an expansion model. We don't have alternative theories or models to fit a situation that is nonexpansion, not for just the short term, but probably for the long term. So, I think I'll offer a research seminar on "Cut-Back' Planning, Administration, and Social Work Practice," and see what I come up. I'm sort of leaving the "machines" except to get back to my home workshop.

Using Apple to Maintain Probation Training Records (From Shirley Harlan, Probation Dept., Co. of San Bernardino, 175 W. 5th ST., San Bernardino, CA 92415)

We have a Four Phase Computer System, IBM and Apple II Plus available in our department. A program which maintains our training records is in operation on the Apple Computer.

Statewide Child Welfare System (From Igor Koroluk, Services Systems Development, Dept. of Social Services, POB 1990, Albany, NY 12201).

I have picked up a copy of your newsletter at the American Association of Public Welfare Information Systems Management conference in San Antonio last August. Having responsibility for statewide information systems supporting child welfare and child support programs in New York State I am most interested in your Child Welfare article of November, 1980 and in the ongoing activities of the CUSS network.

Please accept the enclosed check and add me to your newsletter mailing list.

Becoming Intelligent Consumers (from David E. Kropp, Synergistic Office Systems, 510 N. Lake St., Mundelein, IL 60060).

Your CUSS Network is a great idea and a needed SERVICE for professionals in the social services area. Enclosed is my check for membership.

As a "former" social services professional, with over 12 years of experience in State, County and Private agencies, I understand the need for such a newsletter and I agree with Lynn H. Vogel from the University of Chicago (CUSS Vol. 2, No. 1) that some of your efforts should include descriptions of vendor products.

I am now employed in the marketing of computers and I have found that many Social Service agencies are at the mercy of computer vendors who do not understand the unique needs of social services and many times the agencies are deciding upon hardware and software based upon inadequate, and incomplete information. Often, a vendor will be selected based upon a slick demo at a local "computer store", and in the social service areas we cannot afford to make a mistake in such an important decision!

2 Year Training Program in Computers in Mental Health (From John H. Greist, M.D., Dept. of Psychiatry, Center for Health Sciences, 600 Highland Ave., Madison, WI 53792).

We are not accepting applications at this time but may be able to do so by January 1983. We have taken post docs as well as pre docs and if additional information would be helpful, please call (608 - 263-6075).

For: Graduate students with a strong interest in Mental Health Services who have completed preliminary examinations (dissertation proposal **not** required) in computer science, psychology, sociology, social work, industrial engineering and other fields.*

Objective: To provide trainees with knowledge of and practical experience with mental health services, health system analysis and mental health computer applications necessary to solve many problems now faced by clinicians, administrators and researchers in mental health settings.

Curriculum: Year 1 — Course work designed to insure knowledge of mental health problems and professions, health system analysis and computing hardware and software resources available for use in medical computing. An ongoing seminar on mental health clinical literature, computer applications and health system analysis will be conducted.

Year 2 — Each trainee will be directly responsible for solving a mental health problem through the application of computer techniques. While guided and supported in this work by faculty and staff, the trainee will be expected to learn and play the roles of consultant, system analyst, designer, programmer, implementer and evaluator. Elective course work as desired.

National Institutes of Mental Health Stipends and tuition are available.

If interested, send curriculum vita and three references.

Computer Support for NC Energy Groups (From Joseph Vaughan, Energy Services Network, P.O. Box 10583, Raleigh, N.C. 27605)

I read your item in the Planners Network newsletter. I am writing on behalf of Energy Services Network, Inc. of North Carolina. We are developing an instate capability to support environmental, energy, and

social service organizations in service to the community, with a network of computer hardware, software, and user access. I would appreciate your sending us a sample copy of your Computer Newsletter, along with the rates for a non-profit group. If you know of other efforts similar to ours, please do not hesitate to mention them as we are seeking any information which would be useful in guiding our efforts. I am enclosing a copy of a questionnaire which we recently distributed. It should give you some idea as to the scope of our ambitions. We are currently proposing to provide administrative support to a bi-state NC/SC Nuclear Waste Transportation Project in cooperation with the Palmetto Alliance of Columbia SC.

I & R System Using Apple & Data Factory (From James D. Shields, PA, Dept. of Health, Elizabethtown Hospital for Children & Youth, Elizabethtown, PA 17022)

We presently have a Comprehensive Rehabilitation Center through a Grant from the Federal Government supporting an information and referral system for the handicapped. This information and referral system is supported by an Apple II Plus, 64K computer and using the software package of Data Factory 5.0. I am interested in joining your network and receiving your quarterly newsletter.

If you have any questions or I can be of any assistance, please feel free to contact me.

Involvement of Clinicians in Child Welfare DSS (From Richard H. Calica, Juvenile Protective Assn., 12 East Grand Ave., Chicago, IL 60611)

I am pleased to enclose my contribution and hope I can be of some help in further discussions locally. I am particularly interested in the involvement of sophisticated clinicians in the design of any decision support systems created for child welfare. It would be a shame to not take advantage of advanced practice knowledge when developing software to assist managers and clinicians in the social services.

Organizational Decision Making (From John L. Hankins, University of Michigan — Social Work, 2081 Frieze, Ann Arbor, MI 48109).

Please add my name to the CUSS Network. I am currently a doctoral student in a joint Ph.D. program in social work and political science, with a primary interest in organizational decision making. Thanks for getting CUSS going — it is long overdue in social work.

P.S. How about a CUSS conference?

Impressed With Variety of CUSS Activities (From Robert Morris, Brandeis U., School of Advanced Studies in Social Welfare, Waltham, MA 02254).

Just a word to acknowledge the last CUSS LETTER. I am impressed with the spread of belief in use in so many directions, and with the large number of letterwriters and members who are in centers far removed from the one-time powerhouses of social work education. (That may be a misperception, or a commentary on institutional arteriosclerosis.)

I'll send on a modest contribution to encourage the work, even though it is not "my work." So much use I have seen is for fiscal manipulation, it is heartening to see you carry an open-minded campaign of technology applied to human service as well as to service finance.

TRS 80 Owner Needs Help (From Lorraine Allen, The William Alanson White Institute of Psychiatry, Psychoanalysis and Psychiatry, 20 West 74th St., NY, NY 10023)

We are a non-profit psychoanalytic training institute which offers post-doctoral training for psychoanalysts and psychologists. In addition our Continuing Professional Education Division offers courses to the students in relating fields. Our clinical services program offers therapy on a sliding scale to the community.

We are small but varied in our functions and have recently acquired a Radio Shack computer and need to know how to get started using it and what is available in the software. We are currently studying our needs and expect to begin use of the computer during the summer and fall of this year.

Please put us on the mailing list for the CUSSN newsletter so that we may be informed about how to get started on the road to computerization.

Overworked and Misunderstood (From a Network member).

As far as updates for the next CUSS edition, I really do not have any; however, it would be nice to see an article or report about the inherent problems associated with social agencies allowing **only** 10-25% staff time allocation for one person to develop an automated system. I can see the development of a similar situation for myself and it would be nice to have an "expert's" advice on the matter. If you can work in

something along that line I believe it would be a valuable support service for those of us who work in agencies and are having a difficult time convincing those who know little about information systems of the time their development takes.

Plato Programs for Child Welfare Staff (From Gary L. Shaffer, Region V Child Welfare Training Ctr., U of IL at Urbana-Champaign — Social Work, 1207 West Oregon St., Urbana, IL 61801)

For the past year or so I have been developing PLATO programs for child welfare staff in public agencies here in Illinois. I'll send along some of our products at a later date, if you are interested.

Need to Computerize in the Worst Way (From Gary O. Goldsmith, Adolescent Health Ctr., The Door, 618 Avenue of the Americas, NY, NY 10011)

I would be most interested in receiving a copy of the newsletter of the computers-in-service-delivery network. The Door is a large comprehensive multiservice center grappling with the data generated by 100,000 service visits a year by hand! Needless to say, we need to develop computer facilities in the worst way and I seem to be the person with the most interest in EDP.

Computer Programmer/Community Organizer/Social Service Provider (From Dan Frankel, 1200 E. Auer Ave., Milwaukee, WI)

Your item in the Planner's Network Newsletter evoked some excitement and joy on my part. The existence of a planner/programmer (let alone a *networking* planner/programmer) struck me as a pleasant surprise.

I have enclosed a check for your newsletter, and would like to start by receiving the Spring, 1982 issue. I would also like to receive any information you have on the CUSS network.

I have worked since early this year as a computer programmer with a small firm that creates management information systems for large manufacturing corporations on large computer systems. The firms top people have an average of 20 years computer experience (all IBM related) and the firm itself, which has enjoyed phenomenal growth, is a pretty well run organization.

I also have a Master's in Urban Planning, and several years experience as a community organizer/social service provider. Since my undergrad years I have maintained an interest in social sciences and an activism in social commitments. My longer term interests are much more closely associated with social sciences than manufacturing.

Hence my pleasure at reading your notice.

Should you desire any further information about me, please let me know. I would be glad to help with the newsletter or network if I in any way can.

Microcomputers and Attitudes of Professionals (From Gary L. Pinkerton, POB 1983, Beaumont, TX 77704)

I can't tell you how pleased I was to get the copies of the CUSS Network Newsletter. That answered a lot of questions I had for you and made some immediate connections for me both on my research project and for personal/professional interests.

Please mention in the next newsletter that my interests are in research on the attitudes of human services professionals toward computers and in the use of microcomputers in agency settings.

TRS-80 Use in Education (From Richard W. Nutter, Faculty of Social Welfare, U of Calgary, 11051 Saskatchewan Dr., Edmonton, Alberta, Canada T6G 2B4).

I was very impressed with Vol. 2, No. 1. Please send me the back issues and add my name to the list for future issues. Many of the topics discussed are right on topic for me.

The enclosed materials give some information about the computerization of our Edmonton Division. We hope to have five TRS 80 Mod IIIs with 48 K RAM, double disk drives and LP IV or VIIs functioning this year. We have been using our first Mod III for several months now, primarily as a word processor.

I am currently being cast in the role of expert advisor to several small agencies who are purchasing micro systems in the near future. Receiving your newsletter was most timely.

Client Information System for Services to the Blind (From Risa Pollack, Director, Program Information & Analysis, NY Assn. for the Blind, 111 East 59th St., NY, NY 10022).

The New York Association for the Blind (The Lighthouse) has developed an extensive, computerized Client Information System (CIS) to support its goals of service, research and training to meet the needs of the blind and visually impaired. The system is operational and is now providing all client tracking data and management information in relation to the 6,000 individuals who annually seek and utilize interdisciplinary programs including Low Vision, Rehabilitation, Leisure and Social Services. All professional line staff use the CIS to record and retrieve client data, service records and document reference. The data is recorded via paper forms which are batched by administrative support staff and keyed in at a central data processing department. Information retrieval is done via 17 terminals located throughout the program/service areas and through selected printouts for staff use.

Although the Lighthouse operation is fairly large, the CIS is a flexible system that is adaptable to any size agency and to university teaching programs. The Lighthouse is willing and eager to share its experience and to help others in adaptation and use of the Client Information System for more effective service delivery. We are also looking for ways to work cooperatively with other agencies and/or universities to expand the whole area of client information systems and the use of computers in the human service field. A series of specialized workshops and training/development materials is in preparation now for the winter of 1982/83. Anyone wanting to be on that mailing list should write me at the above address.

As the initial step in developing the CIS the Lighthouse systematized information, trying to ask the right questions of the right people at all staff levels. The process also included study of the client pathway in the Lighthouse, focusing on the ways in which client and worker develop a program plan. Other steps included studying questions of data storage and confidentiality of records. For example, the study led to use of various levels of access codes based on an individual worker's need and right to know the information being sought.

The actual system design sets up a number of Logical Data Groups (LDG) which replicate the way an individual moves into and through Lighthouse programs and services. The CIS allows separation of input and the linking together, at output, of various Logical Data Groups. The LDG's are in three categories — Client Data, Program/Service Data, and document reference, with sub-categories in each.

The CIS has had both planned and unplanned side effects. Although always intended as a useful adjunct to staff training, it has turned out to be a very powerful training tool in a number of ways. Because the CIS was designed to support good practice, its very use forces careful consideration of practice issues in every interaction. Workers who are doing the job well have had no problems in dealing with the CIS. An unplanned, but very welcome side effect has been that the CIS has built computer literacy among both professional and administrative support staff and, as a result, has generated ideas about further use of computers in the provision of direct service and in training the blind and visually impaired.

CUSS Journal? (From Ram A. Cnaan, Director of Planning Dept., Ministry of Labour and Social Affairs, 10 Yad Harutzim St. Talpiot, POB 1260, Jerusalem, Israel 91000).

First of all let me congratulate you on the splendid job you have done so far. I think that the attention given to the newsletter has grown so rapidly that its need and importance have been established and are of no doubt.

I would like to suggest that CUSS progress to a new and more advanced format. CUSS should become a journal consisting of articles plus an information exchange. As the future of social work is linked with computers there is a need for a professional journal with references, editorial board etc.

Will you please print this suggestion so that other people who are interested may support this idea?

In addition, next year I may teach a course on computer usages in social work and would appreciate ten extra copies of the next CUSS.

New Members (from 1 May 82 - 1 Aug 82)

California

Brian Dugan, United Way of San Diego
P.O. Box 17720, San Diego, CA 92117

Connecticut

Peritz Levinson
Jada Lane, Greenwich, CT 06830

District of Columbia

Chester Hartman, Planners Network
1901 Que St. N.W., Washington, DC 20009

Florida

Robert Broedel, Science for the People
P.O. box 20049, Tallahassee, FL 32304
Walter Hudson, Florida State U — Soc Wk
Florida State University, Tallahassee, FL 32306

Georgia

R and J Mills, U of Georgia
109 South Homewood Dr., Athens, GA 30606

Illinois

L Bloomfield, United Way/Crusade of Mercy
72 West Adams St., Chicago, IL 60603
Liese Haag, Jewish Family & Como Services
One South Franklin St., Chicago, IL 60606
Gayle Mitchell, Jewish Family & Como Services
One South Franklin St, Chicago, IL 60606
John Walz, Jewish Family & Como Services
One South Franklin St., Chicago, IL 60606
Robert Spector, Council for Jewish Elderly
1015 West Howard, Evanston, IL 60202
David Kropp, Synergistic Office Systems
510 N. Lake ST., Mundelein, IL 60060
Gary Shaffer, U of IL — Soc Wk
1207 West Oregon St., Urbana, IL 61801-3789

Kansas

Patti Root, Area Agency on Aging
217 S Seth Childs Rd, Manhattan, KS 66502

Maine

James Sorg, NORtheast Research
11 Glenwood St., Orono, ME 04473

Maryland

Paul Hazan, Personal Computing-Handicapped
John Hopkins U, PO Box 670, Laurel, MD 20810

Massachusetts

Lyle Miller, Boston U Med Ctr, Biobeh Sci
85 E. Newton St, Suite 915, Boston, MA 02118
Jeffrey Schwamm, Brandeis U
B.S. Hornstein Pgm, Brandeis University
Waltham, MA 02254

Michigan

John Hankins, U of Michigan — Soc Wk
520 N. Ashley, Apt. 5, Ann Arbor, MI 48103

New Mexico

Donald Jones, Hazelden Foundation, Eval Dept
Box 11, Center Cilty, MN 55012

Missouri

Larry Searcu, United Com Serv, Act Together
605 W. 47th St. 300-A, Kansas City, MO 64112
Mumps Users' Group
2012 Big Bend Blvd, St. Louis, MO 63117

New Jersey

M. Wasserman, Decision Systems, Inc.
200 Route 17, Mahwah, NJ 07430
Warren Du Four, OCTO Limited
Martinsville Center, Martinsville, NJ 08836

New York

Richard Beer, Office-MH, Bureau-Pgm Eval
44 Holland Ave., Albany, NY 12229
Igor Koroluk, NYS Dept. of Social Services
67 N. Pearl St., Albany, NY 12243
Paul Levine, TSDI, Inc.
250 W 57th St., New York, NY 10019
c/o Robinson, Res Foundation-Mental Hygiene
Rockland Research Ctr, Bldg 39
Orangeburg, NY 10962

Oregon

Dick Ricketts, c/o Computer & Info Sci Dept
U of Oregon, Eugene, OR 97403

Pennsylvania

James Shields, CRC, Elizabethtown Hospital
Elizabethtown, PA 17022
Nancy Knepper, PA Tech Asst for Special Ed.
236 Union Deposit Mail, Harrisburg, PA 17111
DMark Lafer, Hazleton-Nanticoke MHMR Ctr.
West Washington St., Nanticoke, PA 18634

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Box 19129, Arlington, TX 76019-0129
Linda Thompson, TX Dept of Human Resources
630 106th St., Arlington, TX 76011
Hsing Jung Yu
Box 191606 UTA Station, Arlington, TX 76019
Peggy Boice, United Way of Texas
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Roy Dulak
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Pat Murphy, U.S. Childrens Bureau
1200 Main Tower Bldg, #2060, Dallas, TX 75202
Sally Stansfield, Catholic Counseling Services
3845 Oak Lawn Ave., Dallas, TX 75219
George Sutton, L & H Moor Childrens Home
1100 Cliff Dr., El Paso, TX 79902
Paul Raffoul, U of Houston, Soc Wk
Central Campus, Houston, TX 77004
Ann Schneider, Neighborhood Ctr-Day Care Assn
P.O. Box 88024, Houston, TX 77004
Chrisan Hooper-Russell, TX Dept. of Human Resources
405 E. Marshall Ave., Longview, TX 75606
Loren West, TX Baptist Childrens Home
P.O. Box 7, Round Rock, TX 78664

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James Chenault, American Child Care Services
P.O. Box 548, Hampton, VA 23669

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Rosemary Cunningham
U. of Washington — Soc Wk
School of Social Work JH-30, Seattle, WA 98195

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Daniel Frankel

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Richard Kass, Co. Dept of Social Services

1220 West Vliet St. Rm 113, Milwaukee, WI 53205

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Bob Hilgenfeld

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Australia

Murray Mountain, Association for the Blind

7 Main St., Brighton Beach, Victoria Australia 3188

Valerie Adams, Health Commission of Victoria

32 Roochsore St, East Cumberwell

Victoria Australia 3124

Human Service Info. Systems

402 Albert St. East Melbourne, Victoria Australia

Ann Turner, Soc. Rehabilitation Service

516 Victoria Parade, East Melbourne

Victoria Australia 3002

Kirk Warren

28 The Esplanada Clifton Hill, Melbourne

Victoria Australia

A Armstrong, U of Melbourne

Parkville, Melbourne Australia 3052

Canada

John McDonald, U of Calgary — Social Welfare

2500 University Dr. N.W.

Calgary, Alberta Canada T2N-1N4

Camille Lambert, U of Toronto

246 Bloom St. West

Toronto, Ontario Canada M4S 1A1

England

Peter Marsh, U of Sheffield — Socio Studies

U of Sheffield, Sheffield, England S10 2TN

Jerry Moller, Child, Adol, Youth Health Serv

285-295 South Terrace

Adelaid, South Australia 5000

Resources and Materials

Magazines, Journals, Newsletters and Networks

Computers & Education and Computers, Environment and Urban Systems from Pergamon Press. Pergamon will send out free sample copies, write Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, NY 10523.

The Computing Teacher is the Journal of the International Council For Computers in Education. The ICCE provides a way for educators at all levels to further instructional computing through individual and organizational membership. For further information, write ICCE, Dept. of Computer and Information Science, U. of Oregon, Eugene, OR 97403.

NIMBL Newsletter is a new newsletter from the National Institute for Microcomputer Based Learning, Dept. of Technology and Society, SUNY, Stony Brook, NY 11794. NIMBL is a nonprofit organization dedicated to the dissemination of microcomputer based learning research, techniques, and other information, including work in progress in this area.

Energy Services Network is a recently formed nonprofit service group which has organized to offer computer support services, networking and technical assistance in the areas of energy and environmental resources. For more information, write Energy Services Network, POB 10583, Raleigh, NC 27605.

Planners Network is an occasional newsletter of the Planners Network a group of planners who share experiences and skills. (I forgot to include the address in the last issue; it is 1901 Q St., N.W., Washington, D.C. 20009.)

The New York Evaluator is the newsletter of the New York State Program Evaluators Assn. Write Sam Seiffer, Sound View — Throgs Neck CMHC, Albert Einstein College of Medicine, 2527 Glebe Ave., Bronx, NY 10461.

Many magazines/newsletters are available to persons who have computer/information system responsibilities in their organization and are willing to periodically complete a reader information form. For

example:

Infosystems is a management oriented magazine on computerized information systems. Write Infosystems, ATTN: Reader Information Dept., Hitchcock Publishing Co., Hitchcock Building, POB 3007, Wheaton, IL 60187.

MIS Week, write POB 1003, Manasquan, NJ 08736.

Small Systems World is a magazine for business systems managers. Write to them at 950 Lee St., Des Plaines, IL 60016.

Communications News, POB 6010, Duluth, MN 55806.

Systems and Software, for computer professionals who design, integrate and manage today's computer systems. Write Systems & Software, Hayden Publishing Co., Inc. POB 1411, Rilverton, NJ 08077.

The June 1982 issue of Healthcare Financial Management is on computer applications in health care.

Check the May/June 1982 issue of Government Data Systems for an article on the different methods under consideration for using Electronic Funds Transfer (EFT) in the food stamp program.

(From Fred Romero, Hillcrest Medical Center, Social Services Dept., 1125 S. Trenton, Tulsa, OK 74120)

Write Prentke Romich Co., R.D. 2, Box 191, Shreve, OH 44676 to obtain free information about personal computers for disabled persons and a catalog of programs developed for the handicapped.

Write COPH-2, 2030 Irving Park Road, Chicago, IL 60618 to join the Committee on Personal Computers and the Handicapped (COPH-2). The purpose of the organization is to search out, evaluate and share information about personal computer systems that are relevant to the disabilities represented in the membership.

Write Programs for the Handicapped, Clearinghouse on the Handicapped Office of Information and Resources for the Handicapped, Rm 3119, Switzer Bldg., Washington, D.C. 20202 for a free bi-monthly publication called "Programs for the Handicapped" and to the President's Committee on Employment of the Handicapped, 111 20th St. N.W., 6th Floor, Washington, D.C., 20210 to obtain a free quarterly magazine called "Disabled USA."

Government Documents:

Federal Information Systems Remain Highly Vulnerable to Fraudulent, Wasteful, Abusive, and Illegal Practices, Reported by The U.S. General Accounting Office (which evaluates the security programs in executive agencies), April 21, 1982. Write GAO, Document Handline & Info. Services Facility, POB 6015, Gaithersburg, MD 20760.

System Description and Documentation

From Gary L. Shaffer, Asst Professor & Faculty Director, Region V Child Welfare Training Center, U of Illinois at Urbana-Champaign, School of Social Work, 1207 W. Oregon St., Urbana, IL 61801.

Enclosed is some material on our project as well as a list of CAI materials provided by the U. of I. Department of Secondary Education.

The paper, "The PLATO System: An Alternative Staff Development Approach" will be published in the proceedings of the National Conference on Social Work and the Law later this summer. The "How to Use PLATO" booklet was prepared for our project advisers and consultants, most of whom were very knowledgeable about law and/or social work but naive about computers. You will find materials from the Department of Secondary Education most helpful to people wishing to explore the use of computers as teaching tools. I have noted with an * a few which I think are particularly good.

I will keep sending additional materials on the PLATO/Child Welfare Demonstration Project to you as they are developed. I can also send copies of the above materials to interested colleagues if they send along a dollar for postage. The articles listed below are available for 75¢ per copy from our Dept. of Secondary Education.

1. Teacher Education in Use of Computers.
2. A Teacher's Introduction to Educational Computing.*
3. Designing Instruction for Teaching With a Computer.*
4. The Question Episode - Building Block for Teaching With a Computer.*
5. Evaluating Materials for Teaching with a Computer.*
6. Tutorial Instruction on a Computer.
7. Drill and Practice on a Computer.*
8. Computer Simulation and Its Instructional Uses.
9. Instructional Games and the Computer Using Teacher.
11. Computer Managed Instruction and Individualization.
12. A Look at Computer Assisted Testing Operations.
14. Getting Started in School Computing: Preparing to Purchase.
15. A Teacher's Introduction to Administrative Uses of Computers.
16. The School Administrator's Introduction to Computing.
17. Computer Applications in Science Education.
19. Computer Applications in the Teaching of English.
20. Microcomputer Maintenance by Users.

21. Practicum Activities for training Teachers to Use Computers.
22. Documentation of CTRS —
Computerized Test-Result Reporting System.
23. Documentation - CAISP: A Small Computer CMI System.
24. Documentaiton -INFO:
A Small Computer Data Base Management System.
25. Documentation - A Small Computer Attendance Keeping System.
26. Documentation - A Computerized Instructional Resource
Management System.

(From Dave Du Feu, 14 Breadalbane Terrace, Dairy, Edinburgh EH11 2BW, Scotland

I am writing to let you know of the availability of my recently completed PhD thesis on the reception of computerized client record systems in social services fieldwork district offices. Copies of the thesis have already been purchased by some 40 of the 125 Social Services departments in the UK, and in view of this interest I have now decided to offer the thesis to a wider audience. The thesis copies are soft-bound in two volumes (for ease of reference to tables and illustrations) and I have tried to keep costs to a minimum by using xerox-reduction (the size of print will be just slightly larger than that in this letter) and by making up a bulk order once the number of copies required is known.

I have attached for your information a copy of the contents page of the thesis, to give some idea of the range of contents. The research was based on periods of intensive fieldwork in two of the early departments to succeed in introducing a computerised client record system. It included hour-long taped interviews with 90 social workers as well as detailed discussions with relevant senior and research/development officers and a large amount of observational work.

The thesis includes detailed descriptions of the two systems investigated, covering not only their design but the method of introduction and the background to their conception. It looks in particular at the impact and uses of the systems at the level of the district office, and at their reception by social workers. One of the main conclusions is that the reception of the computer is influenced most strongly by the design of the system including its associated forms and procedures. The thesis includes frequent and dramatic examples illustrating this and suggesting that other factors — such as the method of introduction, the organisation of district offices, and the characteristics of individual social workers — are, although influential, of lesser importance.

For those interested in methodology this is described in considerable detail in an appendix. The methodology was particularly influenced by Cicourel, especially as regards the method of interviewing and the collection of different versions of the 'same' information.

To order your copy of the thesis, please send a cheque for \$15 payable to "D. du Feu" at the above address (postage is included).

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Books

New Information Technologies for the Nonprofit Sector by the Foundation Center, 888 Seventh Ave., New York, NY 10106, 42 pps. \$4.95, 1982. This conference report contains 8 case studies on using technologies as interactive cable-TV, electronic magazines, telecommunications products and services, and computer systems.

Proceedings of The John Hopkins First National Search for Applications of Personal Computing to Aid the Handicapped, 304 pp, \$22, Oct 31, 1981 from IEEE Computer Society, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720. This publication is the report of the John Hopkins search in the Fall of 1980 to identify the most promising practical applications of personal computers for persons with disabilities.

The SPPC Manual: A Statistical Package for the Pocket Calculator by Walter W. Hudson, from Walmyr Publishing Co., P.O. Box 3554, Tallahassee, FL 32303.

Computers in Welfare: The MIS-Match, by David Dery, 264 pp, \$18.95, April 1981, by Sage Publications.

A correction to Vol. 2#1: Gruber, Murray (ed.) *Management Systems in the Human Services*, Philadelphia: Temple University Press, 1981. Four of the 22 readings in this book are specifically on management information systems.

Microcomputers and Social Research by David R. Heise, (a special issue of *Sociological Methods and Research*, Vol 9#4), May 1981, Sage Publications, \$5.50.

Contents:

- The Microcomputer Revolution? Technical Possibilities and Social Choices by Craig J. Calhoun
- Social Science Research and The Microcomputer by T. W. Collins
- Microcomputer Data Base — Management of Bibliographic Information by Sandra S. Hutton and S. Ray Hutton
- Microcomputers in Anthropological Research by Rodney C. Kirk
- Microcomputers in Applied Settings: The Example of Urban Planning by John R. Ottensmann
- The Microcomputers in Applied Settings: The Example of Urban Planning by John R. Ottensmann
- The Microcomputer in Social-Psychophysiological Research: An Apple/FIRST Laboratory by Beverly Marshall-Goodell, I. Gormezano, John Scandrett, John T. Cacioppo
- Computer Simulation of Social Systems by Pat-Anthony Federico and Paul W. Figliozzi

Upcoming Events, Conferences and Meetings

Conference on Management Information Systems in the Human Services, October 25-26, 1982, Roosevelt Hotel, New York City. Write to The Center for Management, Baruch College, Box 520, 17 Lexington Ave., New York, NY 10010.

Seventh Annual MSIS National Users Conference, Oct 25-27, 1982, Orangeburg, N.Y. Write Linda J. Kline, Information Sciences Division, Rockland Research Institute, Orangeburg, N.Y. 10962.

Evaluation 82 (A joint meeting of the Evaluation Network and the Evaluation Research Society, Oct 28-30, Baltimore, Maryland. Write EN/ERS Prof. Robert B. Ingle, 571 Enderis Hall, U of Wisconsin-Milwaukee, POB 413, Milwaukee, WI 53201.

Sixth Annual Symposium on Computer Applications in Medical Care, Oct 30-Nov 2, 1982, Washington, D.C., Write Bruce I. Blum, SCAMC, Office of CME, 2300 K. St., N.W., Washington, D.C. 20037.

Ninth Annual Computer Security Conference, Nov 8-10, New York. Write Computer Security Institute, 43 Boston Post Rd., Northboro, MA 01532.

National Council on Community Mental Health Centers, March 9-12, 1983, Detroit. This conference typically has 10-20 vendors demonstrating the latest in CMHC hardware and software. For details, write Howard Fishman, NCCMHC, 2233 Wisconsin Ave., N.W., #322, Washington, D.C., 20007..

1983 Symposium on Community Organization and Administration March 13, 1983 (Held in conjunction with the Annual Council of Social Work Education meeting). Write David Austin, Symposium Chairperson, School of Social Work, U. of Texas at Austin, Austin, TX 78712. I have agreed to coordinate an exhibit area of computer applications in the human services. If you have an application which you would be willing to demonstrate, let me know. I hope to have several computers available for use by exhibitors. I will also coordinate a meeting of CUSS members who are interested. Further details will be available in the next newsletter.

First Annual CUSS Network Software Survey

Help fellow CUSS members by sharing your knowledge. Complete and return this survey to Dick Schoech, UTA GSSW, Arlington, TX 76019-0129. Make copies of this form if you can provide information on more than one software product.

Name of Software Product _____

Company/Developer _____

Cost _____

Overall description of application _____

Specific Capabilities _____

Hardware Requirements _____

Operating System Requirements _____

Rate the software by checking the appropriate box.

	Poor	Fair	Satisfactory	Good	Excellent
Usefulness	<input type="checkbox"/>				
Ease of Use	<input type="checkbox"/>				
Ease of Installation	<input type="checkbox"/>				
Freedom from Bugs/errors	<input type="checkbox"/>				
Vendor Service	<input type="checkbox"/>				
Documentation	<input type="checkbox"/>				
Overall satisfaction	<input type="checkbox"/>				

List overall strengths of the software

List overall weaknesses of the software

Additional Comments: _____

Can I publish your comments? Yes No Are you willing to discuss this software with other CUSS network members Yes No. If yes, give your phone number, name and address (if different than label below)

Name _____

Organization _____

Address _____

City

State

Zip

Phone () _____

(Use an additional page if necessary)

Thank you.

Dick Schoech
 CUSS Network
 The University of Texas at Arlington
 Graduate School of Social Work
 P.O. Box 19129
 Arlington, TX 76019 - 0129

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 U.S. Postage
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 Arlington, Texas
 Permit No. 81

Address correction requested

The following items (14-38) relate to educational computer applications that you have developed or used in human service education.

Is the computer used in

	Use personally?	Used by school or agency?
	Yes	Yes
14. Teaching?	<input type="checkbox"/>	<input type="checkbox"/>
15. Research work?	<input type="checkbox"/>	<input type="checkbox"/>
16. Research courses?	<input type="checkbox"/>	<input type="checkbox"/>
17. Administration courses?	<input type="checkbox"/>	<input type="checkbox"/>
18. Policy/Macro courses?	<input type="checkbox"/>	<input type="checkbox"/>
20. Field work administration?	<input type="checkbox"/>	<input type="checkbox"/>
21. Computer Class scheduling?	<input type="checkbox"/>	<input type="checkbox"/>
22. Financial administration?	<input type="checkbox"/>	<input type="checkbox"/>

The following items relate to more detailed information regarding educational use of computers by yourself. For example, you may use a computer for a research course, specifically for data analysis or for computer aided instruction, etc.

Is the computer used for

	Use personally?	Used by school or agency?
	Yes	Yes
23. Applications - Data Analysis?	<input type="checkbox"/>	<input type="checkbox"/>
24. Applications - Computer aided instruction?	<input type="checkbox"/>	<input type="checkbox"/>
25. Applications - Decision analysis?	<input type="checkbox"/>	<input type="checkbox"/>
26. Applications - Simulation/Gaming?	<input type="checkbox"/>	<input type="checkbox"/>
27. Applications - Exam administration and/or grading?	<input type="checkbox"/>	<input type="checkbox"/>
28. Applications - Information system demonstration?	<input type="checkbox"/>	<input type="checkbox"/>
29. Applications - Course and/or faculty evaluations	<input type="checkbox"/>	<input type="checkbox"/>
30. Applications - Student records?	<input type="checkbox"/>	<input type="checkbox"/>
31. Applications - Advisement?	<input type="checkbox"/>	<input type="checkbox"/>
32. Applications - Admissions	<input type="checkbox"/>	<input type="checkbox"/>
33. Applications - Clinical Records	<input type="checkbox"/>	<input type="checkbox"/>

Yes

34. Are you interested in micro computer applications?
35. Is a micro computer available?

Planning on acquiring one?

When _____

Where - dept. _____

School _____

College _____

University _____

36. Brand of micro computer available or planning to acquire

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> No/NA | <input type="checkbox"/> IBM |
| <input type="checkbox"/> Commodore Pet | <input type="checkbox"/> Alpha Micro |
| <input type="checkbox"/> Apple | <input type="checkbox"/> Cromemco |
| <input type="checkbox"/> Radio Shack TRS 80 | <input type="checkbox"/> Dynabyte |
| <input type="checkbox"/> Radio Shack Business System | <input type="checkbox"/> Intertec |
| <input type="checkbox"/> DEC | |
| <input type="checkbox"/> Other (Specify) _____ | |

37. Micro computer applications explored

- | | |
|--|---|
| <input type="checkbox"/> No/NA | <input type="checkbox"/> Practice |
| <input type="checkbox"/> Education | <input type="checkbox"/> Administration |
| <input type="checkbox"/> Research | |
| <input type="checkbox"/> Other (Specify) _____ | |

38. Do you have a background in engineering or physical sciences?

- No
- Engineering
- Chemistry
- Physical Science

If you are aware of others in academic or agencies interested in participating, please write down their names, affiliations and phone numbers and I will follow up by engaging them in this survey.

Name _____

Title _____

Affiliation _____

Address _____

Phone: _____

Home _____

Business _____

Name _____

Title _____

Affiliation _____

Address _____

Phone: _____

Home _____

Business _____

Gunther R. Geiss
 Adelphi University School of Social Work
 Garden City, NY 11530

Are You Willing to Share Your Talents?

If so, participate in the CUSS Network Skills Bank. The Skills Bank, operated by Gunther Geiss of Adelphi University, New York (516) 489-2000 ex 8083, is designed for those wanting to share or obtain specific knowledge, skills and experiences. To share your talents, complete this form, fold, staple and mail.

Name _____
First Middle Last

Title _____ Degree _____ Rank _____

Address: _____

Office and/or home phone number(s) () _____ () _____

Check all the boxes adjacent to the item(s) which apply to you.

1. General Areas of Interest in Computer Applications:

- | | |
|---|--|
| <input type="checkbox"/> None | <input type="checkbox"/> Administration and Research |
| <input type="checkbox"/> Education | <input type="checkbox"/> Education and Research |
| <input type="checkbox"/> Administration | <input type="checkbox"/> All of These |
| <input type="checkbox"/> Research | <input type="checkbox"/> Clinical |
| <input type="checkbox"/> Education and Administration | |
| <input type="checkbox"/> Other (Specify) _____ | |

2. Current Experience Status

The following items listed under system design experience refer to your personal experience in the conceptualization, design, implementation and operation of information systems (both manual and automated) for human service agencies. They are intended to summarize your overall experience rather than any single experience in detail.

System Design Experience

- | | |
|--|---|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Voluntary - Not for profit |
| <input type="checkbox"/> Public | <input type="checkbox"/> Proprietary |
| <input type="checkbox"/> Quasi-Public | |
| <input type="checkbox"/> Other (Specify) _____ | |

3. Organization's Field

- | | |
|--|--|
| <input type="checkbox"/> Unkown | <input type="checkbox"/> Aging |
| <input type="checkbox"/> Mental Health | <input type="checkbox"/> Corrections/Justice |
| <input type="checkbox"/> Medical/Rehab. | <input type="checkbox"/> Combination of these |
| <input type="checkbox"/> Welfare/Social Services | <input type="checkbox"/> Child Welfare |
| <input type="checkbox"/> Homemaker | <input type="checkbox"/> Advocacy/Comm. Action |
| <input type="checkbox"/> Educational (other than your institution) | |
| <input type="checkbox"/> Other (Specify) _____ | |

4. Your personal responsibility:

- | | |
|--|---|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Operation |
| <input type="checkbox"/> Conceptualization | <input type="checkbox"/> Translator/Facilitator |
| <input type="checkbox"/> System Design | <input type="checkbox"/> Total Responsibility |
| <input type="checkbox"/> Program Install | |
| <input type="checkbox"/> Other (Specify) _____ | |

5. Your personal role:

- | | |
|---|--|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Admin./Manager of Org. |
| <input type="checkbox"/> Consultant to Organization | <input type="checkbox"/> Educator for Org. Staff |
| <input type="checkbox"/> Staff Member of Organization | |
| <input type="checkbox"/> Other (Specify) _____ | |

6. Purpose of system:

- | | |
|--|---|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Tracking/Referral |
| <input type="checkbox"/> Monitoring/Evaluation | <input type="checkbox"/> Clinical Diagnosis Evaluations |
| <input type="checkbox"/> Record Keeping | <input type="checkbox"/> Treatment Planning |
| <input type="checkbox"/> Research | |
| <input type="checkbox"/> Other (Specify) _____ | |

7. Size of the largest system you are involved in:

- | | |
|--|--|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> State Wide |
| <input type="checkbox"/> Single Agency | <input type="checkbox"/> Regional |
| <input type="checkbox"/> City/Town Wide | <input type="checkbox"/> Nation Wide |
| <input type="checkbox"/> County | <input type="checkbox"/> International |
| <input type="checkbox"/> Multi County | |
| <input type="checkbox"/> Other (Specify) _____ | |

8. System(s) type:

- | |
|--|
| <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Manual |
| <input type="checkbox"/> Computerized Batch (Regularly scheduled updating) |
| <input type="checkbox"/> Computerized - Interactive (On demand - inquiry) |
| <input type="checkbox"/> Manual Computerized |
| <input type="checkbox"/> Distributed Processing (Local compute tied to a larger one) |

9. Size of computer(s), if used:

- | | |
|--|--|
| <input type="checkbox"/> Unknown/N.A. | <input type="checkbox"/> Mini (PDP-8, DG NOVA) |
| <input type="checkbox"/> Maxi (Mainframe) | <input type="checkbox"/> Micro (PET, TRS-80) |
| <input type="checkbox"/> Other (Specify) _____ | |

10. Manufacturers of computer(s) used:

- | | |
|--|---|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Prime |
| <input type="checkbox"/> IBM | <input type="checkbox"/> Radio Shack |
| <input type="checkbox"/> Burroughs | <input type="checkbox"/> Commodore - Pet |
| <input type="checkbox"/> Univac | <input type="checkbox"/> Apple |
| <input type="checkbox"/> DEC | <input type="checkbox"/> Alpha - Micro |
| <input type="checkbox"/> HP | <input type="checkbox"/> Altair |
| <input type="checkbox"/> Data General | <input type="checkbox"/> Dynabyte |
| <input type="checkbox"/> Harris | <input type="checkbox"/> Intertec |
| <input type="checkbox"/> Perkin Elmer | <input type="checkbox"/> Cromemco |
| <input type="checkbox"/> Control Data | <input type="checkbox"/> A combination of these |
| <input type="checkbox"/> Other (Specify) _____ | |

11. Source of software used:

- | | |
|---|---|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Created - Original |
| <input type="checkbox"/> Canned - Purchased | <input type="checkbox"/> Combination |
| <input type="checkbox"/> Canned - Purchased and modified or adapted | |
| <input type="checkbox"/> Other (Specify) _____ | |

12. Have you produced any publications on the system(s) you developed?

- | | |
|--|---|
| <input type="checkbox"/> None/unknown | <input type="checkbox"/> Journal article(s) |
| <input type="checkbox"/> Internal documents only | <input type="checkbox"/> Monograph(s) |
| <input type="checkbox"/> Paper presentation(s) | <input type="checkbox"/> Book - chapter |
| <input type="checkbox"/> Other (Specify) _____ | |

13. Can we put your name on our mailing list? (Permission for this information to be shared with group members)

- | | |
|-----------------------------|------------------------------|
| <input type="checkbox"/> No | <input type="checkbox"/> Yes |
|-----------------------------|------------------------------|