

# HOUSE CALL

VOLUME 1, NUMBER 1 - FALL, 1978

## THERE IS A DIFFERENCE

You may raise an eyebrow or two (if you have more than two we can recommend a good doctor) at our Newsletter title, **HOUSE CALL**. And you are right to do so. Doctors don't make many house calls anymore . . . not even Christie Clinic doctors.

But the Charles W. Christie Foundation does. This newsletter is our first house call. You can expect us four times a year from now on.

We realize that many of you have the Christie Clinic and the Charles W. Christie Foundation subliminally submerged into one entity within your own minds. One of the purposes of our first **HOUSE CALL** is to explain that the two are entirely separate.

Christie Clinic was formed in 1929. The Charles W. Christie Foundation was founded in 1975. The purpose of the **Christie Clinic** is to care for the sick. The purpose of the **Charles W. Christie Foundation** is to enhance and to improve health care methods. It is true that there are some Christie Clinic doctors on the board of the Charles W. Christie Foundation, but it is because through the Foundation they can find a vehicle to perpetuate some of the dreams many of them had as idealistic young medical students and interns. Thankfully many of them have not lost this idealism and still wish to better the world in which we live. At the Clinic they are busy simply trying to keep up with patient care responsibilities. Through the Foundation, however, they can explore means of preventative medicine, public education, medical research, continuing education for doctors, and patient counseling. The members of the Board who are not doctors provide input into what the general public wants and needs.

The definitions of Foundation are many. Two that should apply are: a part on which the other parts rest for support; base or a fund given to support an institution. In this case, of course, Christie Clinic is self-supporting. A foundation is not needed for its support. But a foundation is needed to enable some of the Christie Clinic doctors to transcend routine health care and impart some of their valuable expertise into giving the general public some surprise "care packages".

Accompanying articles in **HOUSE CALL** explain the genesis of the Charles W. Christie Foundation and its projects to date. The doctors at Christie Clinic have led the way by supporting the Foundation both as a corporation and as individuals. But there is a real need to broaden the base of annual support for the Charles W. Christie Foundation if it is to accomplish all of the goals that will make it truly beneficial to each and every one of you who are friends of the Foundation as well as the general public.

You can only gain from such a donation!

## CHARLES W. CHRISTIE, M.D. A DOCTOR'S DOCTOR



Bacon once said, "The poets did well to conjoin music and medicine, because the office of medicine is but to tune the curious harp of man's body."

Charles W. Christie was a brilliant "harpist".

A lifelong resident of Central Illinois, Dr. C. W. grew up in Rantoul. He completed his undergraduate work at the University of Illinois in Champaign-Urbana and obtained his Medical Doctorate from Northwestern University Medical School in June, 1924. After internship at St. Francis Hospital in Pittsburgh, Pennsylvania, Dr. Christie took up additional surgical studies in Pennsylvania and Chicago.

At the age of 25, Dr. Christie commenced private practice in Champaign, where his older brother J. M. Christie had been practicing since 1921. The two doctors

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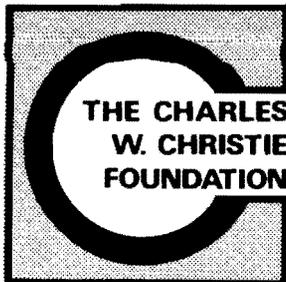
MR. CHARLES B. YOUNGER

MRS. WILLIAM M. YOUNGERMAN

## BOARD OF DIRECTORS

The Charles W. Christie Foundation is governed by a Board of Directors made up of medical practitioners and distinguished local citizens. These earnest and capable individuals volunteer their services in initiating and overseeing Foundation activities.

104 WEST CLARK STREET  
CHAMPAIGN, ILLINOIS • 61820



## A FOUNDATION IS BORN

**September 26, 1971:** At a regular meeting of the Christie Clinic Board of Directors an agreement to renew a scholarship loan triggered a discussion among the Directors as to the desirability of having a Christie Clinic Foundation to sponsor and fund health-related research and educational activities. The Board appointed the following individuals as a committee to conduct a feasibility study: Dr. J. B. Christie, Chairman; Dr. V. S. Wojnar, member; Dr. R. E. Samuelson, member; Mr. Harold A. Miller, Clinic Attorney, member; and Mr. Arthur H. Perkins, Recorder. An initial capitalization of \$5,000 was provided.

**March 9, 1972:** Meeting of Feasibility Committee was convened at the Moose Club. Topics discussed were purposes, benefits, start-up costs, foundation organization, possible negative aspects, source of funds and tax-savings. It was decided to present the committee report to the Christie Clinic Associates as a whole for their consideration and decision.

**May 14, 1972:** Decision was made to begin the Foundation at the Christie Clinic Associates' regular meeting and Attorney Harold Miller was asked to draft the by-laws.

**November 13, 1972:** At a Christie Clinic Association meeting, Dr. Edmund M. Collins moved and Dr. Louis R. Kent seconded that the Foundation be named the Charles W. Christie Foundation or the C. W. Christie Foundation according to the wishes of Dr. Christie's widow. It was unanimously passed.

**May 1, 1975:** First meeting of the Board of Directors of the Charles W. Christie Foundation was temporarily presided over by Mr. Harold Miller. An announcement that the charter had been issued by the State of Illinois was made. Officers were

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*for the doctors . . . and for you . . .*

## CLINICAL PATHOLOGICAL CONFERENCES

It's better than GENERAL HOSPITAL because you know that the cases were not the figment of some writer's imagination. These cases actually happened.

The physician in charge of a patient with an interesting and informative medical case presents it to the audience.

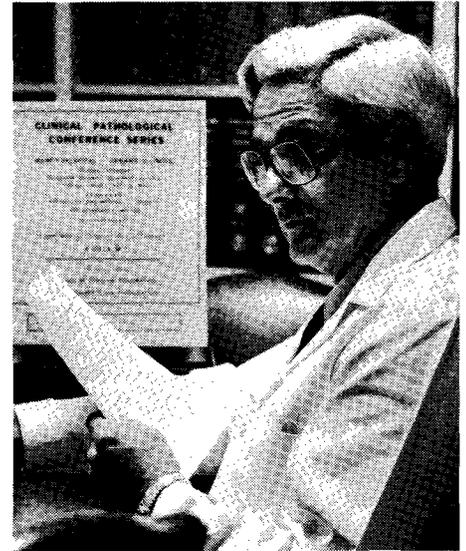
Then you hear a report from a pathologist.

Audience participation is next with a discussion of all aspects of diagnosis, care, treatment, complications and so forth.

The above is what happens at a Clinical Pathological Conference held the second Saturday of each month from September through May.

This very instructive educational exercise was initiated by the Foundation through the efforts of Dr. Michael J. Russo and is sponsored jointly by the Charles W. Christie Foundation and the Mercy Health Care Foundation. Each CPC starts with a continental breakfast and the number of physicians and medical students attending the meeting average between 35-50. Attendance has increased constantly. Display boxes are set up in area hospitals and the University of Illinois College of Medicine to dispense protocols for the monthly case reviews.

The Clinical Pathological Conference has been recognized by generations of physicians as a most useful continuing-education tool for practicing physicians and medical students alike; its introduction in this area by the Charles W. Christie and Mercy Health Care Foundations is an important contribution to premium health care in this locality. A survey of audience acceptance was made after the first series in 1976-77 and the reports that were submitted by the attendees generally expressed approval. Medical students frequently said that they preferred this type of presentation



to other teaching methods they had experienced. The series has approval of the Illinois State Medical society to award Continuing Medical Education credit hours. Such credits are becoming more and more important to practicing physicians and surgeons as a requirement for renewal of their medical licenses and, in some cases, specialty certificates.

Dr. Daniel K. Bloomfield, the Dean of the University of Illinois College of Medicine at Urbana-Champaign, wrote the following in a letter to President Nygren, dated September 22, 1976: "This is a major step forward in introducing and expanding the atmosphere of medical education in our city and our region. The School will be happy to announce the conferences to our medical students. We hope they will take advantage of an outstanding opportunity. Please convey my sincere congratulations to the membership of the (Charles W. Christie) Foundation."

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### HOUSE CALL

edited by Jeanne M. Rochford,  
Charles W. Christie Foundation  
board member.

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for the children . . . and for you . . .

# CRIB-O-GRAM

There is presently a spot on TV that graphically illustrates what it would be like for a teenage boy if the tables were turned and everyone used sign language. He would not understand and would feel left out. It dramatically demonstrates the emotional as well as practical problems that the hearing-impaired child endures.

The Charles W. Christie Foundation cares and is doing something to combat this. A Crib-O-Gram has been in operation at Mercy Hospital since August 1, 1975. \$2,000 was granted from the Charles W. Christie Foundation at that time to install the only privately funded Crib-O-Gram in the United State allowed by E. Blair Simons, M.D., Head of the Division of Otolaryngology at Stanford University Medical Center. Dr. Simons received over 100 unsolicited letters from institutions expressing an interest in this equipment. A total of fifteen machines were available, and those approved went to large university centers with neonatal intensive care units at least three times the size of that at Mercy Hospital.

What exactly is a Crib-O-Gram? It is a machine equipped with a motion-sensing transducer which lies beneath the mattress of an isolet and a miniature speaker placed at the foot of the isolet. Output of the transducer is recorded on tape similar to an electrocardiogram automatically for 20 seconds before the introduction of a one second test noise. The transducer is so sensitive that it can detect virtually any action stronger than an eye blink, including respiration and heart beat. Responses to sound are scored by comparing the baby's motor activity during the base line period with the activity during and immediately after the sound is automatically introduced. This is repeated 20-30 times in twenty-four hours and the results are interpreted by reading the tape according to

precise pass/fail criteria. (Periodic silent tests help check the scoring criteria being used.)

Detection of handicapping hearing loss in children as early as possible has been recognized as a desirable goal in the clinical research community for a long time. Early detection and treatment facilitates development of language and communication, which may otherwise be irretrievably lost if not corrected at an early age. Otherwise it may be retrieved only with expenditure of large amounts of time and energy. In development of such mass screening, however, a major problem is access to the child, and only at two times is this now possible in the social structure of our society—birth and the beginning of schooling. Everyone recognizes that kindergarten is much too late. Until the development of the Crib-O-Gram other attempts have been recognized as impractical on a large scale requiring more highly trained personnel than available at a high cost.

The Crib-O-Gram approach bypasses many of these troubles. Its advantages are legion. It is capable

of detecting babies having a severe hearing loss with a low level of false positives and a very low level of false negatives. It can be realistically applied within the framework of current medical practice without disrupting nursery operation. Reliability of results is assured by repeated testing of each child in each screening cycle. Modest unit cost is operationally less than \$2 per infant. This device is completely safe, as the infant has no contact with any part of the device.

The program has been reported in many medical publications, including *Medical Group News* and *Internal Medicine*. A large number of infants have been screened locally. Several infants with a severe neurosensory hearing loss have been retested and referred. All reading of Crib-O-Gram tapes, contacting parents and physicians, and consultation with Stanford University is carried out through the Ear, Nose and Throat Department of the Christie Clinic

On December 12, 1977, the Charles W. Christie Foundation granted

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# FOR EVERYONE...

# CENTER FOR

Perhaps you have just discovered that you have arthritis. Arthritis always seemed to be a disease that affected other people and you really did not pay much attention to it other than to know vaguely what it meant. But now it has taken on an entirely different value. It is something affecting you and you would like to find out as much as possible on the causes, treatment and prognosis. Your doctor has been very understanding and has given you much of his time. But you still want to know more and he simply cannot give you *that* much time.

The Charles W. Christie Foundation has just the prescription you are looking for . . . the Center for Health Information.

The Center for Health Information is a place where general health information may be obtained through books, magazines, booklets, pamphlets, audio tapes, films and video tapes. The materials can be used free of charge by anyone in the Parkland College District.

This Center for Health Information was developed to serve you with your questions about arthritis and also for people with questions about drug abuse, heart disease, sex, baby care, venereal disease, aging, nutrition, hypertension, weight control and many, many more individual and community concerns. If you are wondering what the Parkland College District has to do with it, it is because the Center is located on the Parkland College campus in the Life Science Division, Room L159. There you will find it easy to find answers to your questions about health, life and personal growth concerns through general, easy-to-read literature and useful audio-visual materials. The Center for Health Information provides a central

location for materials on health concerns and prevention of disease and illness for use without a doctor's referral or cost. It provides greater accessibility of materials for your use at your convenience.

Five days a week, both days and evenings, the Center is open as follows: Monday, 10 a.m. to 3 p.m., Tuesday, Wednesday and Thursday from 10 a.m. to 3 p.m. and 6 to 8 p.m. and Friday from 10 a.m. to 2 p.m. The Center staff is available to assist you with materials and answer questions.

In addition the Center has specific programs and workshops periodically throughout the year. These are also free of charge and include such local and national health concerns as hypertension, cancer, child abuse, alcoholism, sexuality, venereal disease, coping with stress, weight control and low back pain. The Center is also available to show films and plan programs for clubs, groups or organizations that want to view films and obtain literature on specific health issues. Many requests have already come in from such diverse groups as the Pesotum Homemakers Extension Club and Hammon Senior Citizen Club. These requests were and are continuing to be readily filled.

For some time the Charles W. Christie Foundation had perceived the need for this community to have materials and educational programs appropriate for public education in the areas of health care. They first explored the possibility of setting up such a center in the new Champaign Public Library. Since the Library plans were too far advanced to include this concept, the Foundation then sought and received support from Parkland College. Together the Foundation

and Parkland College began planning to develop and implement this much needed community health education effort. Ideas were formulated, materials gathered, resources and physical space obtained, and the Center for Health Information began to emerge as a reality. It officially opened September 1, 1977. One of the primary activities the Center has had is sponsoring, planning, promoting and executing regular weekly Tuesday evening programs featuring a different health topic each time. These programs in the first three months had a total attendance of 317 with an average attendance of approximately 32 people per evening.

A total of 274 persons visited the Center to read or view the available materials in the first three months. Phone calls from persons who want information sent to them, information of local available health services and to have their health care questions answered increased as the word was spread about the Center. Subjects which seemed to be of special interest to community residents were diabetes, nutrition, arthritis, pregnancy, hypertension, smoking and Parkinson's disease.

With Glenda Strickland as Coordinator and Carol Hamilton as Assistant Coordinator, stress, common foot problems, lower back pain, hearing impairment, alcoholism, nutrition, physical exams, and CPR were some of the topics covered in the weekly Tuesday evening programs the last half of the first year of operation. WPCD, Parkland College's new community education radio station, airs a special Center for Health Information program every Thursday at 10 am.

Even though the Center for Health Information is just a fledg-

# HEALTH INFORMATION

ling, the response from the public proves it is something long overdue in this community and something that has marvelous potential. The Charles W. Christie Foundation which underwrote the program up to this point has found itself in a unique situation. They have spawned something that, like Topsy, "just grew" ... at a phenomenal rate, we might add ... but there is not enough money to meet the budget to keep it operating. That is why we are appealing to you, the Friends of the Charles W. Christie Foundation.

So that you can keep current on the progress of the Center for Health Information they will be publishing a monthly newsletter. Be watching for it. In the meantime we are printing below the proposed budget for the Center for 1978-79:

I. Personnel	
A. Coordinator-Consultant	\$12,500
B. Librarian-Clerical	5,000
C. Volunteer Librarian Assistants	—
II. Library Equipment (Hardware)	
A. Video-Cassette and Monitor	—
B. 16mm Film Projector and Stand	—
III. Library Equipment (Software)	
A. Literature	500
B. Films Rental	150
C. Cassettes	
1. Audio	100
2. Visual (Tapes and Films duplicated on tape-\$25 each)	150
IV. Lectures-Seminars-Workshops	
A. Speakers' Bureau	—
B. Local Expertise	1,000

Voluntary assistance has been provided by such agencies, organizations and institutions as the Champaign County Mental Health Center, Christie Clinic, Carle Foundation Hospital, the University of Illinois, Planned Parenthood Association of Champaign County, Champaign-Urbana Public Health District. Rapport and working relationships have also been established with the American



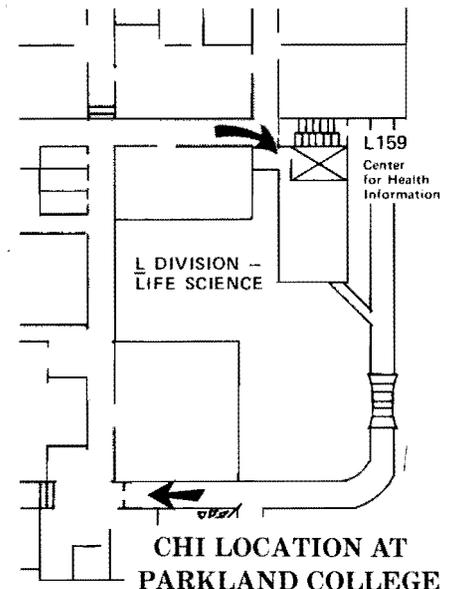
Cancer Society, Arthritis Foundation, March of Dimes, C-U Family Services of Champaign County, Community Information and Referral Service, Sudden Infant Death Syndrome, Champaign County Nursing Home, Champaign County Council on Alcoholism and many others.

V. National Expertise	\$ 1,000
V. Supplies and Miscellaneous	
A. Travel	200
B. Postage	700
C. Communications (use rate only)	300
D. Supplies	400
VI. Publicity	
A. Literature	900
B. TV-Radio	—
C. Newspaper advertising	600
<b>TOTAL</b>	<b>\$23,500</b>

(This includes September 1, 1978-August 31, 1979 and leaves the Summer of 1979 (June and July) contingent upon evaluation of the 1978 summer program. If it is determined to be worth repeating it will cost \$3,000.)

Parkland College contributes space, utilities, upkeep and some other underlying costs of operation. The Parkland College staff consults and advises in several technical areas.

As you can see, the Center for Health Information is the largest project undertaken by the Charles W. Christie Foundation and the one requiring the most funds. But the benefits to East Central Illinois are far-reaching and immeasurable in monetary terms. As a Friend of the Charles W. Christie Foundation you can help to keep it meeting the local demand.



**CHI LOCATION AT PARKLAND COLLEGE**

## C. W. CHRISTIE Continued

organized the Christie Clinic on June 1, 1929. The staff consisted of the two Christie brothers, Dr. Edward C. Albers, ophthalmologist, and another brother, Thomas F. Christie, an x-ray technologist. Five years later their younger brother, Dr. John B. Christie, joined the Clinic as a urologist. Dr. John McKinney, a pediatrician, was added, also in 1934. An otorhinolaryngologist, Dr. William M. Youngerman, came to the Clinic in 1935. Dr. Wendell Freeman, obstetrician and gynecologist, joined the ranks in 1937. In 1938 a dermatologist, Dr. H. W. Buley, arrived, and also an internist, Dr. J. E. Sexton.

Dr. Charles W. Christie was active in medical and community affairs throughout his career. Apart from his work with the Christie Clinic, he was a past president of the Mercy Hospital Medical Staff and a Charter Member of the Illinois State Surgical Society. He was also a Fellow of the American College of Surgeons.

His skills as a physician and surgeon were inspirational to his colleagues. He played a key role in the growth of the Christie Clinic until his death at the age of 73. His interest and influence in building a multi-specialty group practice that would make available the highest quality of health care to residents of East Central Illinois will not be forgotten. The doctors who were fortunate enough to work beside him and observe his concern for and care of patients also realized his qualities as a humanist and they remain favorably influenced by this experience.

Today Christie Clinic has better than ten times the number of doctors who formed the nucleus for the embryo clinic. Guided by Dr. Christie's principles and ideals, the Clinic continues to grow in meeting demands for quality comprehensive diagnostic, medical and surgical services and furthering medical knowledge within and without its confines.

Naming the Foundation after Dr. Charles W. Christie is but a small token of the gargantuan appreciation the Clinic feels it owes this marvelous man.

## FOUNDATION Continued

elected as follows: Reverend Malcolm Nygren, President; Mr. Arthur Lewis, Vice-President; Mr. Thomas A. Hagen, Jr., Treasurer; and Dr. Louis R. Kent, Secretary. Other members of the original Board of Directors included Dr. Michael J. Russo, Dr. John B. Christie, Dr. Paul F. Barton and Mr. Ronald Bates. Mr. Arthur Perkins was designated to be Business Agent and Executive Director.

Regular meetings have been held since then and today the Charles W. Christie Foundation Board of Directors consists of Reverend Malcolm Nygren, President; Mr. Arthur Lewis, Vice-President; Louis R. Kent, M.D., Secretary; Paul F. Barton, M.D., John B. Christie, M.D., Victor F. Feldman, M.D., Mr. Harold A. Miller, Mr. Charles A. Petry, Mr. Charles B. Younger, Mrs. Thomas M. Rochford, Michael J. Russo, M.D., Mrs. William M. Youngerman and Arthur H. Perkins, Executive Director.

## PRESIDENT'S PERUSINGS

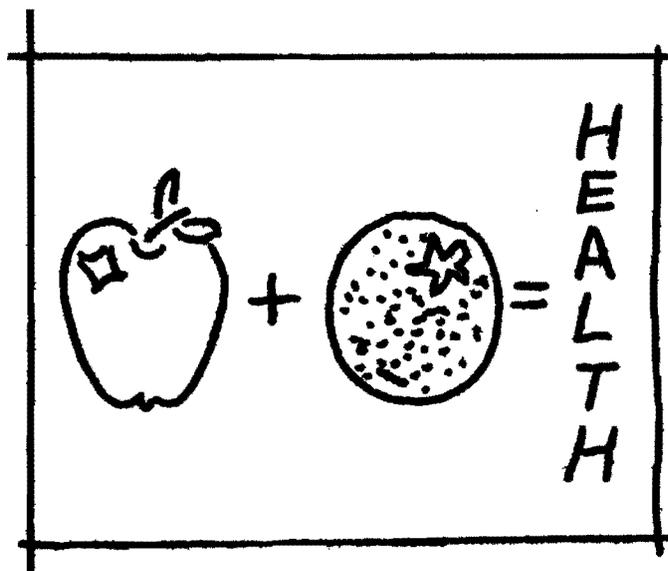
The purpose of the Charles W. Christie Foundation is simply stated: to help in giving as many people as possible the gift of health, and often of life itself. We have exceptionally fine resources for medical care in our area: skilled professionals, sophisticated equipment and institutions that use them. The Charles W. Christie Foundation has the goal of making these resources as effective as possible.

Professionals need tools: not just equipment, but the tools that come from research and from sharpening their own skills. The Foundation provides some of those tools, through research and professional education.

There is one important member of the team taking care of your health who is sometimes overlooked: you. The patient is the only one who knows what he feels. The patient makes the basic decisions about when he will look for help and what kind of help he will look for. The patient carries out most of the preventive medicine and much of the therapy. The Charles W. Christie Foundation aims to improve the knowledge and skills of this important member of the medical care team.

These are good things to do. We can all be grateful for the chance to be part of them. The Charles W. Christie Foundation gives us that opportunity.

*Malcolm Nygren*  
President



**Christie  
Foundation**

**Christie Clinic**

**As different as  
Apples and**

**Oranges**

**but both add up  
to good health.**



Karen Schwartz, secretary to Charles W. Christie Foundation Executive Director Arthur Perkins, pages through a Foundation scrapbook on display at Christie Clinic.

## PUTTING ASIDE THE BLACK BAG

"We are here to add what we can to not to get what we can *from* Life," said Sir William Osler, the most successful combination the world has ever seen of physician and man of letters.

That seems to be the philosophy of the doctors at Christie Clinic and especially those who are serving on the Board of the Charles W. Christie Foundation. Some other programs that the Foundation has supported include a tape cassette program for the Association of Critical Care Nurses' Second National Teaching Institute, and \$2,000 toward the Tumor Registry Program at Mercy Hospital, which contributes to the advancement of medical knowledge and provides an important method of medical follow-up with individuals afflicted with cancer. The future holds forth opportunities for promoting local residency programs for practitioners of medicine and dentistry, and publishing and disseminating reports of medical research and clinical work of both individuals and teams in the health care field.

Many of the doctors have dreams they would like to see come to pass as a result of the Charles W. Christie Foundation. Dr. Sol Barnett has written to New York to obtain information on starting a Colitis Club which would give sustenance to colitis sufferers, similar to the Colostomy Clubs and other disease-oriented self-help groups. He was told it would take money to start such an organization.

Maybe you have some ideas or suggestions for the Foundation. If so contact any member of the Board of Directors or Arthur Perkins, Executive Director. He may be reached at Christie Clinic, telephone 351-1280.

## CRIB-O-GRAM Continued

another \$1,500 to the Crib-O-Gram project. This was to renew the service agreement with Stanford Medical Center and to purchase a new Microprocessor Crib-O-Gram when it becomes available. The new Crib-O-Gram is completely automatic with computer read-out of results. This eliminates the need for collecting tapes from the nursery and having an audiologist read these. Also, the automatic scoring feature eliminates subjective scoring error as reading is performed by a computer at bedside, therefore no strip chart nor motor drive assembly is needed. These had been major problems with the old units throughout the country.

The single prototype Micropro-

cessor Crib-O-Gram is currently undergoing final evaluation at Stanford Medical Center. Assuming positive results from this evaluation, this Crib-O-Gram may be made commercially available in the future. A final pricing decision has not yet been made, but the unit is expected to sell for approximately \$4,000. Handmade models of this Crib-O-Gram will be made available earlier. In view of our past support of this project, we will be able to exchange our old Crib-O-Gram for a new Microprocessor Crib-O-Gram plus a two-year service agreement at a modest price of \$1,200.

This project is one example of how Charles W. Christie Foundation utilizes the money donated to it to obtain maximum results for a minimum amount.

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