





## THE JOSEPH P. KENNEDY INTERNATIONAL AWARD IN MENTAL RETARDATION

In all cultures, winged creatures, both animal and human, have always signified superhuman strength and power. The greatest known to antiquity are the Seraphim, mightiest of angels. They are the supreme symbols of knowledge and of love. The fallen angel, Lucifer, corrupted these great gifts by his pride and ambition. By contrast, Raphael, the angel of science and healing and love, finds his glory enhanced by service to mankind. It is his high office to bring hope to those whose lives are burdened with sickness and infirmity. Raphael, whose name means "God Heals," is the chief of the guardian angels who protect and guide mankind.

Both the Old and the New Testaments record the deeds of Raphael. He healed Abraham, the wounded patriarch. As the protecting angel, Raphael was sent by God to guide the youthful Tobias on his journey. Raphael, most appropriately, is the angel whose hand stirred the waters of the pool at Bethesda. Next to this pool lay the blind, the sick, the palsied and infirm. The first sick person to bathe in the pool, after the waters moved, was cured of his malady. It was at Raphael's touch that the waters stirred.

The Joseph P. Kennedy Jr. Foundation has chosen the Seraph Raphael as the symbol for its International Prize Award because it wishes to honor great knowledge as the servant of compassion and love. It is the hope of the Foundation that all recipients of the Kennedy International Prize will be people whose careers are graced by great scientific knowledge and deep love for the cause of the retarded.

All Seraphim, like Raphael, have six wings — as shown in the Kennedy prize statue — and are armed with a protecting sword. The soaring Gothic form of the Kennedy statue was designed by George Thompson and executed by Steuben Glass, so that it casts a strong emanation of light from its summit. The figure of the Seraph Raphael, holding a child in his arms, was designed by James Houston. The engraved crystal form is mounted on an inscribed base of sterling silver. The crystal and base together are 16 inches high and are contained in a scarlet box symbolic of fire, which is the essence of the Seraphim.

THE  
JOSEPH P. KENNEDY, JR.  
FOUNDATION

**First International Awards**

**Dinner**

Washington, D. C.

December 6, 1962



● *The Joseph P. Kennedy, Jr. Foundation* was established in 1946 by former Ambassador Joseph P. Kennedy in memory of his son, Lt. Joseph P. Kennedy, Jr., who was killed while flying on a dangerous experimental mission against a German V-2 rocket base.

Since that time, the Foundation has distributed more than \$16,500,000 to hospitals, custodial institutions, day care centers and research projects to stimulate and support efforts in the field of mental retardation. Some 14 institutions for the care and treatment of mentally retarded children have been established in the East, the Middle West and Far West.

In addition, major research projects are supported by the Foundation which have as their aim the discovery of causes and the prevention of mental retardation. These are located at Johns Hopkins University, Massachusetts General Hospital-Harvard University, Stanford University, the University of Wisconsin, the Kennedy Memorial Hospital in Brighton, Massachusetts, and the Kennedy Child Study Centers in New York, Washington, D. C., and Santa Monica, California.

## JOSEPH P. KENNEDY, JR. FOUNDATION

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**M**ental retardation is a serious national health, social and economic problem. It afflicts over 5 million children and adults in the United States. They and their families add up to 20 million people, or more than 11% of the population. The direct cost of care of the retarded is estimated at more than \$1-billion a year, while the indirect costs resulting from the absence of earning capacity and the inability to contribute to the production of goods and services is estimated at an additional \$5-billion a year.

It is a complex disorder with multiple causes requiring multiple attacks through research, service and leadership by professional and lay people in America and throughout the world.

To help further the understanding, treatment and prevention of mental retardation, the Foundation has instituted an International Program of Awards to recognize past and current contributions to research, service and leadership in this field.

The Foundation hopes these awards will:

*Help stimulate young scientists to direct their efforts toward the field of mental retardation*

*Recognize the achievements of scientists in the field*

*Call attention to the implications of research efforts in other fields which have relevance to mental retardation*

*Develop more and better qualified service personnel necessary for the care and treatment of the mentally retarded*

*Reward civic leadership which concerns itself with improving the welfare of the retarded*

To make these awards, a committee composed of outstanding international experts in the field of mental retardation was convened to study more than 400 nominations received from 26 countries. From those nominees, the committee has selected those individuals and groups honored at this dinner as the first winners of these new prizes. The Foundation expresses its sincere thanks to the members of the committee for their devoted and able service.

## INTERNATIONAL AWARDS SELECTION COMMITTEE

RAYMOND ADAMS, M.D., *Chief of Neurology, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts.*

VERY REV. MSGR. ELMER H. BEHRMANN, *Director, Dept. of Special Education, Archdiocese of St. Louis, St. Louis, Missouri*

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LLOYD DUNN, Ph.D., *Coordinator, Dept. of Education for Exceptional Children, George Peabody College, Nashville, Tennessee*

GUIDO FANCONI, M.D., *Director, Kinderspital University of Zurich, Zurich, Switzerland*

HON. JOHN E. FOGARTY, *Chairman, Appropriations Sub-Committee on Health, Education and Welfare, U. S. House of Representatives*

HON. LISTER HILL, *Chairman, Labor and Public Welfare Committee, U. S. Senate*

NICHOLAS HOBBS, Ph.D., *Chairman, Division of Human Development, George Peabody College*

SEYMOUR S. KETY, M.D., *National Institute of Mental Health, Bethesda, Maryland*

RICHARD L. MASLAND, M.D., *Director, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland*

LIONEL S. PENROSE, M.D., *Galton Professor of Genetics, University of London, London, England*

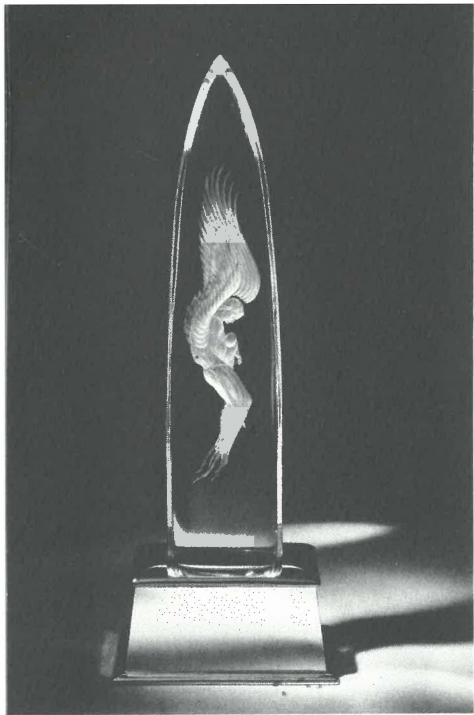
HOWARD A. RUSK, M.D., *Director, Institute of Physical Medicine and Rehabilitation, New York University-Bellevue, New York, N. Y.*

SARGENT SHRIVER, *Executive Director, Joseph P. Kennedy, Jr. Foundation*

EUNICE K. SHRIVER, *Executive Vice-President Joseph P. Kennedy, Jr. Foundation*

GEORGE TARJAN, M.D., *Superintendent and Medical Director, Pacific State Hospital, Pomona, California*

DAEL WOLFLE, Ph.D., *Director, American Association for Advancement of Science, Washington, D. C.*



## FOR LAY LEADERSHIP

### National Association for Retarded Children

**The National Association for Retarded Children** for its outstanding role in awakening the nation to the problem of mental retardation and for proving in countless ways that *the retarded can be helped.*

## The Awards

The Association has given stimulation to researchers, guidance to teachers, training to the afflicted, and comfort, eased with hope, to millions of parents. It has demonstrated to legislators that programs of education and rehabilitation are sound, practical and vital.

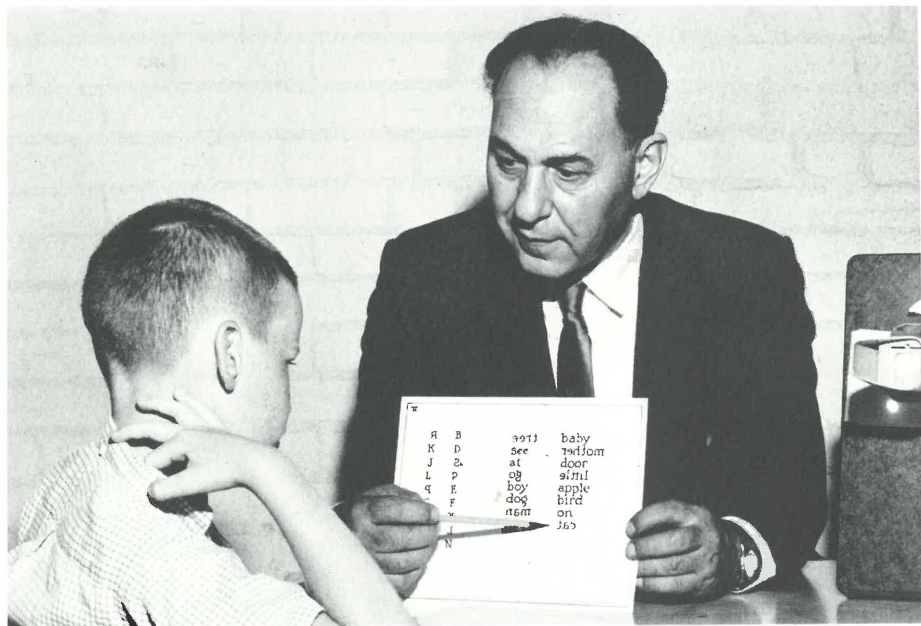
Founded in 1950, today there are more than 1,000 chapters in every State of the Union, the District of Columbia and military installations abroad. Through its devoted, inspired and unrelenting efforts, the mentally retarded and their families now benefit from diagnostic clinics, home visiting programs, parent counseling, nursery classes, day care, residence centers, special schooling and training, recreation and a host of other programs.





## FOR PROFESSIONAL SERVICE

**Samuel A. Kirk, Ph.D.**

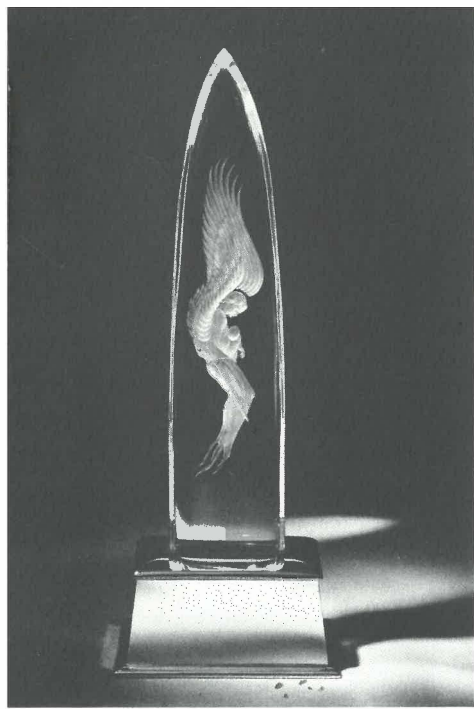


**Dr. Samuel A. Kirk**, Director of the Institute for Research on Exceptional Children, University of Illinois, for his vision, inspiration, dedication and outstanding services in mental retardation. Special education has been his chief interest since he was graduated from the University of Chicago in 1929. From his first career job as a teacher in the Oaks School for Mentally Retarded Children and from his first research activities at the Wayne County Training School in Northville, Michigan, his work has been marked by outstanding insights.

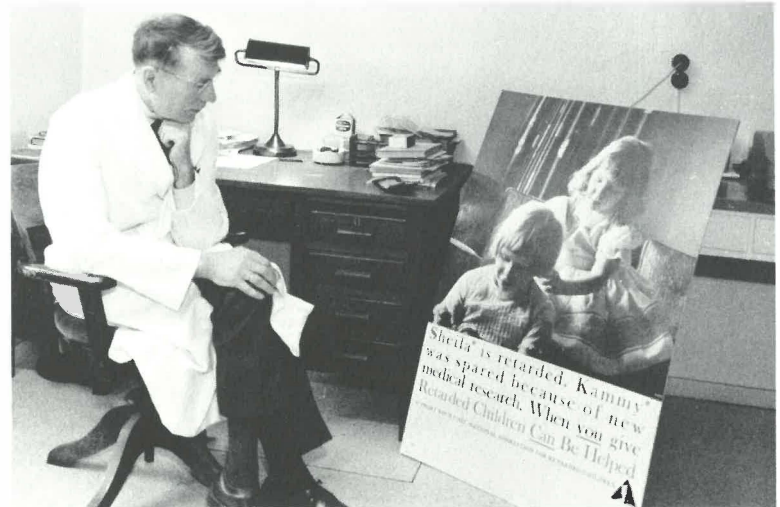
Psychologist as well as educator, "Sam" Kirk's contributions represent a lifetime investment in scientific research and project development. A prolific and lucid writer, his contributions to the literature on special education have found their way to teachers in virtually every language and every country. Classes for the retarded in every corner of the world bear his mark. There is scarcely a university or school concerned with special education which does not have on its faculty a "Kirk-trained" or inspired teacher.



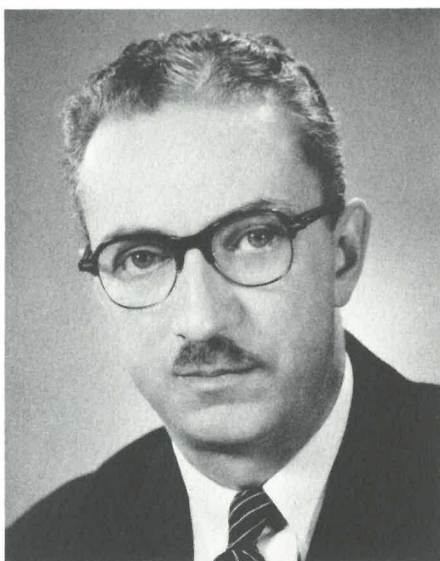
## FOR SCIENTIFIC



**Dr. Ivar Asbjørn Følling**



**Dr. Ivar Asbjørn Følling**, retired chief of the University Hospital Clinical Laboratory at Oslo, Norway, for opening a new era in the study of mental retardation with his discovery of the disease, phenylketonuria, or PKU. His findings indicated a metabolic error was responsible for some forms of mental deficiency. As a result of his work, many other biochemists, clinicians and geneticists have been led to concentrate on the investigation of metabolic errors. It has been discovered that children afflicted with PKU lack an enzyme necessary to assimilate an element found in nearly all protein food. A recently developed test now makes it possible for newborn babies to be checked for the disease before they leave the hospital. PKU begins to damage the brain soon after birth, but much of this damage can be prevented with a synthetic diet if victims are identified early enough.



**Dr. Murray L. Barr**

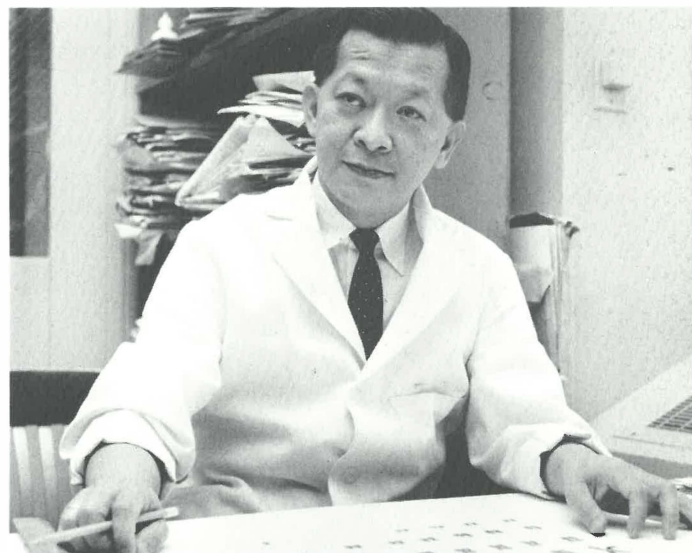
**Dr. Murray L. Barr**, head of the Department of Microscopic Anatomy at the University of Ontario, for his discovery of sex chromatin. The first observation of this small chromatin mass was made in 1949 during a study of the neurons of the hypoglossus of the female cat. Shortly afterwards, Dr. Barr was able to demonstrate it in cells of the human female and of various animals. This chromatin body was first described over 50 years ago, but no scientist before Dr. Barr suspected that it was related to femaleness or that it was characteristic of all body cells. The Canadian scientist not only made this imaginative discovery, but he introduced a simple method for "nuclear sexing" which exploited its value. Dr. Barr's observations contributed considerably to modern scientific developments in the field of mental retardation. It now appears that it may be possible to analyze the natural history of certain types of mental retardation from birth (and even from conception) to maturity, with consideration given to the relationship between sex abnormalities and intelligence.



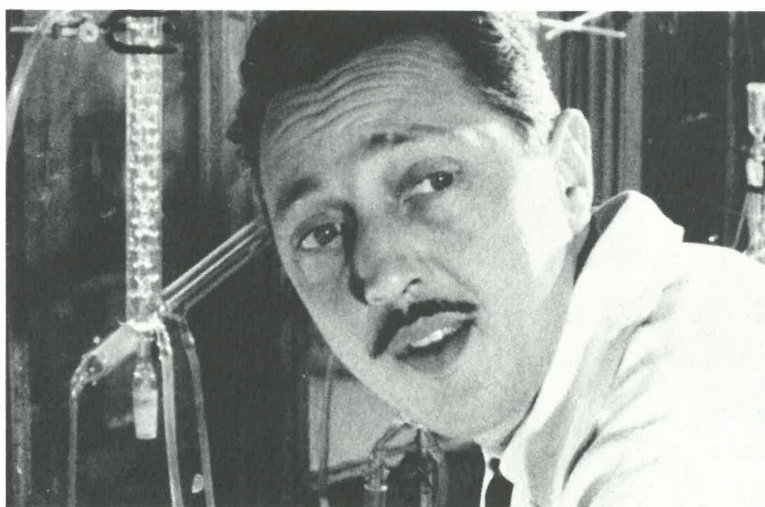
## ACHIEVEMENT

**Joe Hin Tjio**, visiting scientist at the National Institutes of Health in Bethesda, Maryland, for his discovery of the exact number of chromosomes in man. This discovery, a fundamental one in human biology, opened the way to an extraordinary amount of work concerning chromosomal abnormalities in mentally defective individuals. The results are documented by over 200 scientific papers which have been published in the brief span of less than six years by numerous investigators.

Born in Soemedang, Indonesia, in 1919, Tjio is a graduate of the Agronomy School of Bogor, Indonesia. He worked as a cytologist in the Botanical Institute of Bogor for two years after his graduation in 1941. Then he was interned by the Japanese. He was in a concentration camp from 1943 to 1945. Since the war, he has studied and worked all over the world. He has worked in Denmark, Sweden, Spain, and at the University of Colorado. He has been at the National Institutes of Health since 1959.



**Joe Hin Tjio**



**Dr. Jerome Lejeune**

**Dr. Jerome Lejeune**, Director of the Department of Genetics at the University of Paris, for his discovery of chromosomal abnormality in mongolism. Under the direction of Professor Turpin, an eminent French pediatrician who for some 40 years has studied the prenatal factors in the causes of diseases, Dr. Lejeune studied problems of mongolism and human genetics in general, as well as the effects of radiation upon germ cells and the developing embryo.

In 1959, following the basic work of Tjio and Levan on the number of human chromosomes, Dr. Lejeune published his paper showing that the cells of mongoloids contain 47 chromosomes, one more than the 46 Tjio demonstrated to be the normal human complement.

Following this important discovery, Dr. Lejeune concentrated most of his research on chromosome abnormalities in man. Recently, he has described abnormalities of tryptophane metabolism in mongolian children. His interpretation of these findings as the expression of an "overdosage" of enzymes due to the extra genic material could turn out to be an extraordinary new development in human genetic biochemistry.

# Menu

Individual Mousse of Sole  
Sauce Nantua

Hearts of Celery

Ripe and Green Olives

U. V. B. Medoc

Individual Filet Mignon  
Sauce Perigourdine  
Glazed Belgian Carrots  
Stringbeans, Amandine

Salade Pascaline  
Hearts of Palm, Romaine and Endive  
with Watercress  
Castellana Dressing



Savarin Pepite  
Savarin of French Vanilla Ice Cream  
Heart of Chocolate Ice Cream  
Cream Puff  
Topped with Shredded Cocoanut  
Hot Fudge Sauce  
Petits Fours



Demi Tasse





# Program

## WELCOME

SARGENT SHRIVER

*Executive Director, Joseph P. Kennedy, Jr. Foundation*

## MASTER OF CEREMONIES

HON. ADLAI E. STEVENSON

*United States Ambassador to the United Nations*

## SONG SELECTIONS

MISS JUDY GARLAND

## PRESENTATION OF AWARDS

THE HONORABLE JOHN F. KENNEDY

*President of the United States*

*Film Vignettes... "The Seekers"*

ACHIEVEMENTS OF INTERNATIONAL AWARD WINNERS

NARRATED BY ALEXANDER SCOURBY

## SPECIAL PREVIEW

"A CHILD IS WAITING"

*starring*

BURT LANCASTER

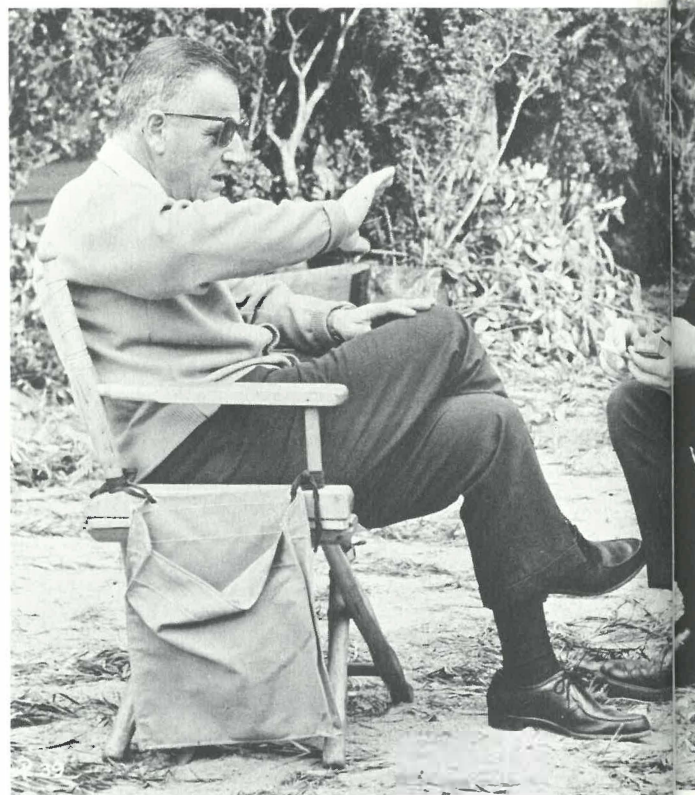
JUDY GARLAND

PRODUCED BY STANLEY KRAMER

Burt Lancaster and Judy Garland, co-stars of "A Child Is Waiting."



Stanley Kramer, producer, confers with John Cassavetes, director of this film.



## "A CHILD

A Stanley Kramer production for United Artists release, starring Burt Lancaster, Judy Garland, Gena Rowlands and Steven Hill, and directed by John Cassavetes, from an original screenplay by Abby Mann.

● *"A Child Is Waiting"* is a dramatic treatment of the problem of mental retardation. It deals primarily with the treatment and training of retarded children and was filmed with the cooperation of the California State Department of Mental Hygiene and the Pacific State Hospital in Pomona, California.

The film demonstrates the dignity of the mentally retarded. It shows the fallacy of judging human worth only in terms of intelligence without giving proper weight to other, equally important, values. The retarded children who appear in this film are treated with warmth, compassion and understanding. Their accomplishments are shown without exaggeration, but with a firm reminder that each accomplishment, however small, is part of a never-ending battle for small victories against great odds.

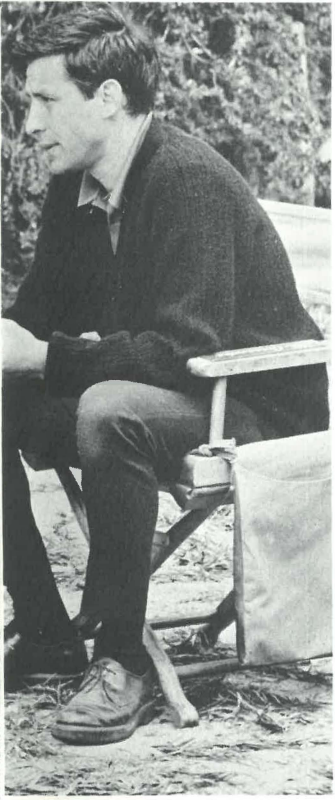
We see here, too, the dangers of over-protection, however laudable the motivation, and the pressing need for early treatment and training.

GEORGE TARJAN, M.D.  
*Superintendent and Medical Director, Pacific State Hospital,  
and Medical Advisor, Joseph P. Kennedy, Jr. Foundation*





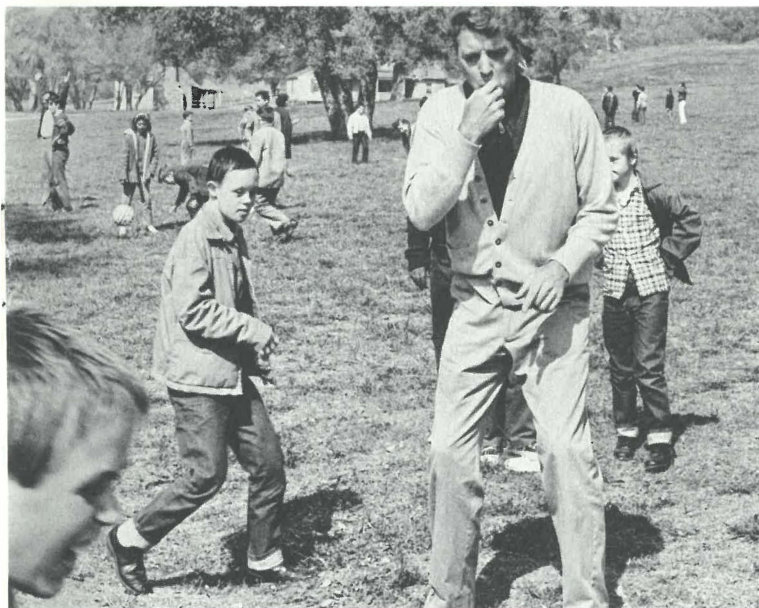
Miss Hansen (Judy Garland) teaches a music class at the retarded children's school.



# IS WAITING"



Sad Reuben (Bruce Ritchey) is tucked into bed.



Dr. Clark (Burt Lancaster) referees a ball game.

Burt Lancaster looks over the school work of retarded children, who play themselves, in film.



**T**he Foundation extends a warm welcome to the 120 medical students from the thirty-eight medical schools on the Eastern seaboard whose professors and deans selected them to attend the International Awards dinner and the scientific meetings at the National Institutes of Health. They are the outstanding members of their classes and we are proud to have them among us. We hope that these students and their colleagues have found some stimulation here. Perhaps some of them may even be inspired to explore the intricacies of the field of mental retardation a little more fully on their own. It would be a service and a blessing if this were so, for it may well be the light of their promise that brightens the future of millions of families and their children, those born and those yet to be.

The Foundation wishes to express its appreciation to the many persons and organizations who have generously contributed their time and talent to this occasion.

*The Foundation is particularly grateful to:*

- Warner-Lambert Pharmaceutical Co. for its generous sponsorship of "The Seekers" — the film showing the achievements of the International Award winners.
- United Artists and Stanley Kramer for the special preview of "A Child is Waiting."
- The National Institutes of Health for conducting an "Open House" for medical students and visiting scientists and physicians interested in mental retardation.
- The exhibitors whose displays helped interpret various aspects of work now being done in mental retardation.







