

THE ROCKEFELLER FOUNDATION  
ANNUAL REPORT FOR 1965



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<sup>2</sup> Beginning July 1965.

<sup>3</sup> Resigned Directorship July 31, 1965; thereafter staff member on leave in Government service.

<sup>4</sup> Beginning January 1966.

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<sup>2</sup> Beginning July 1965.

<sup>3</sup> Through June 1965.

<sup>4</sup> Through January 1965.

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<sup>1</sup> Beginning February 1965.

<sup>5</sup> Beginning July 1965.

<sup>2</sup> Beginning March 1965.

<sup>6</sup> Through March 1965.

<sup>3</sup> Beginning April 1965.

<sup>7</sup> Through July 1965.

<sup>4</sup> Beginning August 1965.

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**H. DAVID THURSTON, PH.D., Plant Pathologist**

<sup>1</sup> Temporary appointment completed.

<sup>2</sup> Resigned.

<sup>3</sup> Through August 1965.

*Cali*

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<sup>1</sup> Temporary appointment completed.

<sup>3</sup> Beginning September 1965.

<sup>2</sup> Through June 1965.

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<sup>1</sup> Resigned.

<sup>2</sup> Temporary appointment completed.

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<sup>1</sup> Resigned.

<sup>2</sup> Temporary appointment completed.

**THAILAND**

*Bangkok*

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<sup>1</sup> Temporary appointment completed.

<sup>2</sup> Resigned.

<sup>3</sup> Through June 1965.

UNITED STATES

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*Boston, Massachusetts*

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*Nashville, Tennessee*

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N. R. E. FENDALL, M.D.

*Washington, D. C.*

MEDICAL AND NATURAL SCIENCES

J. AUSTIN KERR, M.D.<sup>3</sup>

<sup>1</sup> Beginning July 1965.

<sup>2</sup> Resigned.

<sup>3</sup> Retired March 1965.



**THE PRESIDENT'S REVIEW • 1965**



## THE ARTS AND PRIVATE PHILANTHROPY

WE ARE living in times of great anxieties and great hopes, times that test our conviction that the benefits of a political and economic democracy must be and can be extended to all of our citizens. Even as we are engaged in this necessarily most difficult task, we are beginning to see the possibility of reaching beyond the satisfaction of essential needs and the enjoyment of basic rights to the attainment also of the greatest of all human visions — a cultural democracy. Such a society would be the culmination of our previous achievements, and in this, as in the great national efforts of the past, we can see no reason why we should not set our sights on the highest goal — to make the best available to the greatest number.

A generation ago, such a declaration would have been criticized by many as a contradiction in terms: we would have been told that there is never enough of the best of everything; that the attempt to make the best in the arts available to a great many people could result only in transmuting the rare and the excellent into mass mediocrity. But the arts, along with much else that at one time was the domain of a privileged few, have been caught up in the surge of prosperity of the past twenty years, so that great music and literature, for example, are now available to millions through recordings and paperbacks. Today we are in the midst of an evolution of far deeper implications than the effects of new merchandising techniques: we are becoming aware that the arts exist not merely to be appreciated at several removes, but to be experienced firsthand within the mainstream of everyday life, to be understood and used as a unique means toward deeper knowledge of self and society. This, perhaps, should be the real motive force behind what, in verbal shorthand, we have come to call "the cultural revolution."

If our experience has taught us anything, it is that there are no short cuts to massive accomplishments on a national scale. In furthering a cultural democracy we are concerned with the aesthetics of a civilization, with living values that deserve to be admired and transmitted. It would be neither possible nor desirable to formulate a national "policy" on culture; to assign "roles" to federal and state governments, foundations, and individuals; and to allocate public and private funds for rigid purposes. A nation's culture is the heritage of continuous experimentation with many, and often contradictory, approaches to creativity. In considering the development of the arts in America, it seems that we can be reasonably certain of only one thing: the usefulness of that same multiplicity and interaction of public and private efforts which helped shape the political and economic facets of our society.

This is not to imply that chaos, discontinuity, lack of leadership and definition furnish the proper climate in which the arts may thrive. Quite the contrary, the testimony of almost everyone with firsthand experience in the arts seems to underscore the fact that organization, continuity, and leadership are needed to cultivate the proliferation of creative modes of artistic endeavor, the aggregate of which is what we call culture and whose widest availability makes a cultural democracy. It is precisely because of the need for experienced counsel and flexible but systematic assistance toward carefully worked-out goals that private philanthropies such as The Rockefeller Foundation are finding in the arts an increasingly greater opportunity for service.

#### THE STATE OF THE ARTS TODAY

It is doubtful whether any country in the history of mankind has attempted to make available so much in the arts to so many as we are doing today in the United States. The logistics of the arts in America are too well known to require still another statistical recital; suffice it to say that fragments of the cultural explosion are scattered everywhere. There is good theatre in cities such as Boston, Philadelphia, Louisville, Houston, Memphis, Minneapolis, Washington, and Seattle. The arts are at their liveliest not just in New York, but in Buffalo, San Francisco, Santa Fe, and Boston, and in university communities like Oberlin and Urbana. Opera, too, is flourishing as never before, and new symphony

orchestras are being formed almost overnight. A score or more of new arts centers are already built, being built, or in the planning stage, and eventually these centers will no doubt stimulate the creation of new ensembles in the performing arts.

Until quite recently, private organizations and individuals had provided almost all of the financial support for the arts, other than box-office receipts. For more than ten years, Congress had firmly rejected proposals for subsidizing the arts, but in 1965 it approved two bills — the Elementary and Secondary Education Act, and the National Arts and Humanities Foundation Act — which offer direct and indirect support for art and artists. The new education law provides, among other things, for the use of federal funds to enable the public schools to utilize art resources which have up to now been unavailable to them. Title III of the law authorizes federal grants which will help provide "modern educational equipment and specially qualified personnel, including artists and musicians, on a temporary or other basis to public and other non-profit schools, organizations, and institutions." The implications of this legislation are far-reaching: it could create direct relationships between the schools and major performing groups in the community, such as symphony orchestras, theatres, and dance ensembles, and could enlist the cooperation within public education of outstanding creative individuals. The National Arts and Humanities Foundation Act, among other provisions, establishes a National Endowment on the Arts and authorizes federal subsidies of over \$10 million annually over the next three years to assist arts activities. These include the creation of a national repertory theatre, support for national opera and ballet companies, the establishment of an American film institute, the commissioning of new works by American composers, and support for financially ailing symphony orchestras.

On the state level, the recently developed device of arts councils represents very promising opportunities for diversifying the life of our communities. The New York State Council on the Arts, established only six years ago, has shown the way with programs that range from tours by major music, theatre, opera, and ballet groups, to educational enrichment through professional presentations in school systems. With the present availability of federal funds, almost every state is likely to initiate or expand its own arts programs.

In the larger municipalities, cultural centers such as New York's Lincoln Center for the Performing Arts and the Music Center for the Performing Arts, in Los Angeles, are emerging as further evidence of the widespread desire by communities for firsthand experience in the arts.

This raises the question of how public funds for the arts are likely to affect the activities of the foundations which until recently stood almost alone in providing systematic assistance to the arts. The answer may well be that the significance of foundation funds becomes greater as more public funds are invested. Certainly experience has shown that, in any large field where the overall plateau of support is low, the highly selective assistance characteristic of foundations can be of decisive influence in demonstrating its inherent values. But foundation resources are seldom large enough to develop full potentials. However, as examples and demonstrations generate greater public interest and support, the foundation dollar can furnish new leverage, proportionately far greater than the fraction of overall support it represents. Now that more public funds are becoming available, this is also likely to happen in the arts.

## THE ARTS AND THE UNIVERSITIES

Of special interest to The Rockefeller Foundation are the possibilities inherent in working with colleges and universities which are genuinely hospitable to the arts of the present, especially those institutions which are willing to innovate on their own campuses, as well as to adopt that which has proven itself elsewhere. One should bear in mind that even as local, state, and federal agencies are just beginning to organize their efforts on behalf of the arts, institutions of higher education are not only maintaining an interest that goes back over many years, but are eager to accept increased responsibility for almost all aspects of the arts. At a time when private patronage was sporadic, a condition that made every artistic venture precarious, it was the colleges and universities that provided stability and encouragement for the arts. College-sponsored concert series brought outstanding performing artists and groups to the campuses. Art departments provided opportunities for students, faculty, and townspeople to see exhibitions of the visual arts. For a great many sections of the country, university

theatres provided the only live theatre available. The universities and colleges made it possible for many Americans to enjoy for the first time performances by important American dancers just as college-sponsored presses and literary magazines gave many writers their first chance to appear in print. In a sense, the colleges and universities of 20th century America provided a cultural environment for the arts comparable to that given to composers and painters by the courts of 17th and 18th century Europe.

But while much has been done in the arts on many campuses, we still have a long way to go before it becomes as common an occurrence for faculty and students to participate in the arts as it is for them to carry on scientific and scholarly research. Yet there is today a growing sense of awareness in many of our universities that the creative arts should be included in the regular academic curriculum on the same footing as the recognized disciplines of knowledge. And our society as a whole now expects the college or university to improve the understanding and skills of those who have an interest in the arts and to make them more sensitive and informed about what they see and hear. This can be done to some extent through actual course work in the arts and humanities; but it can only be done really well if the student has direct contact with first-rate performers and creators. In some universities, this may mean bringing an already existing organization, such as a symphony orchestra, to the campus to play contemporary music; in others, it could mean that the university, in collaboration with the local community, supports a professional theatre company.

The concept of the artist-in-residence is an old one, and a number of colleges have been able to attract small performing groups, both to supplement their faculties and to enrich the cultural life of the community. Carrying this idea one step further, several universities — notably Buffalo, Chicago, Rutgers, and Iowa — have, with the help of The Rockefeller Foundation, established creative centers in music, bringing together composers and performers to vitalize the musical life of the university campus, but even more to stimulate the musical thinking of the entire region. Although concerts by such groups are planned primarily for the academic community, they are also made available to audiences who, for various reasons, will not cross the psychological barriers that prevent them from going to the regular concert halls. In

some cases, university performing groups have carried music into small towns where live music is rarely heard, into churches, and into the elementary schools. In this the universities are taking a lead in the broad area of the development of culture.

The university, in short, is becoming more and more involved in every aspect of the arts: its audiences, its performers, its teachers, and its creators. Some of our most forward-looking colleges, for example, are very much absorbed in the problems of making the arts an integral part of education, of making it possible for especially talented students to take a direct and active part in one of the arts, and of making the most meaningful use of creative and performing artists resident on the campus. Other institutions are moving beyond the art appreciation stage and are assuming many of the functions of the professional school — the conservatory of music, the art academy, or the design institute — and have had to come to grips with the problems of applying such academic desiderata as admission standards, curricula, and credits to the performing and creative arts. More and more campuses are making a place on their faculties for the writer, painter, or musician, with a reduced teaching load. The university today is providing opportunities for creative people to have their works seen and heard, to try out a new play or symphony, to finish a novel, opera, or ballet. In these and many other attempts to make performance and creativity in the arts a normal component of education and of the accomplishments of the educated man, foundations can be of great usefulness.

As has been the case in other fields at other times, the collaboration between universities and foundations can be highly productive if it is responsive to the particular resources and aspirations of the university and its community. While such collaboration is of primary interest to The Rockefeller Foundation, it is always alert to exceptional opportunities of assisting independent training and performing groups which can be expected to influence the awareness of audiences and to contribute to the development of the arts in America. And with the counsel of people with great competence in the arts, the Foundation is occasionally in the position of directly assisting individuals at periods critical to their productivity.

These are only a few of the most promising avenues open to foundations with a concern for the arts. Importantly, the size of its grants is

no yardstick to a foundation's potential usefulness in the arts. As can be seen from the description of The Rockefeller Foundation's program in cultural development which follows, many of the projects assisted by this Foundation were initiated by and anchored in communities throughout the country. Foundations with primarily local or statewide interests have always played a vital part in responding to the cultural efforts within their area of operation. We live at a time when increasing numbers of people are not only hoping for artistic excellence, but are desirous also that this excellence be made available to new audiences, in new places. Private philanthropy can be of invaluable service in helping man in his efforts to fulfill these aspirations and to weave this achievement closely into the fabric of civilization and the heritage of mankind.

*J. George Harrar*



## AIDING OUR CULTURAL DEVELOPMENT

THE FOUNDATION'S INTEREST in the cultural life of America is expressed both in its program in the arts, and in strengthening the ties between the arts and the humanities in selected liberal arts colleges, an effort of the Foundation's program in the humanities and social sciences.

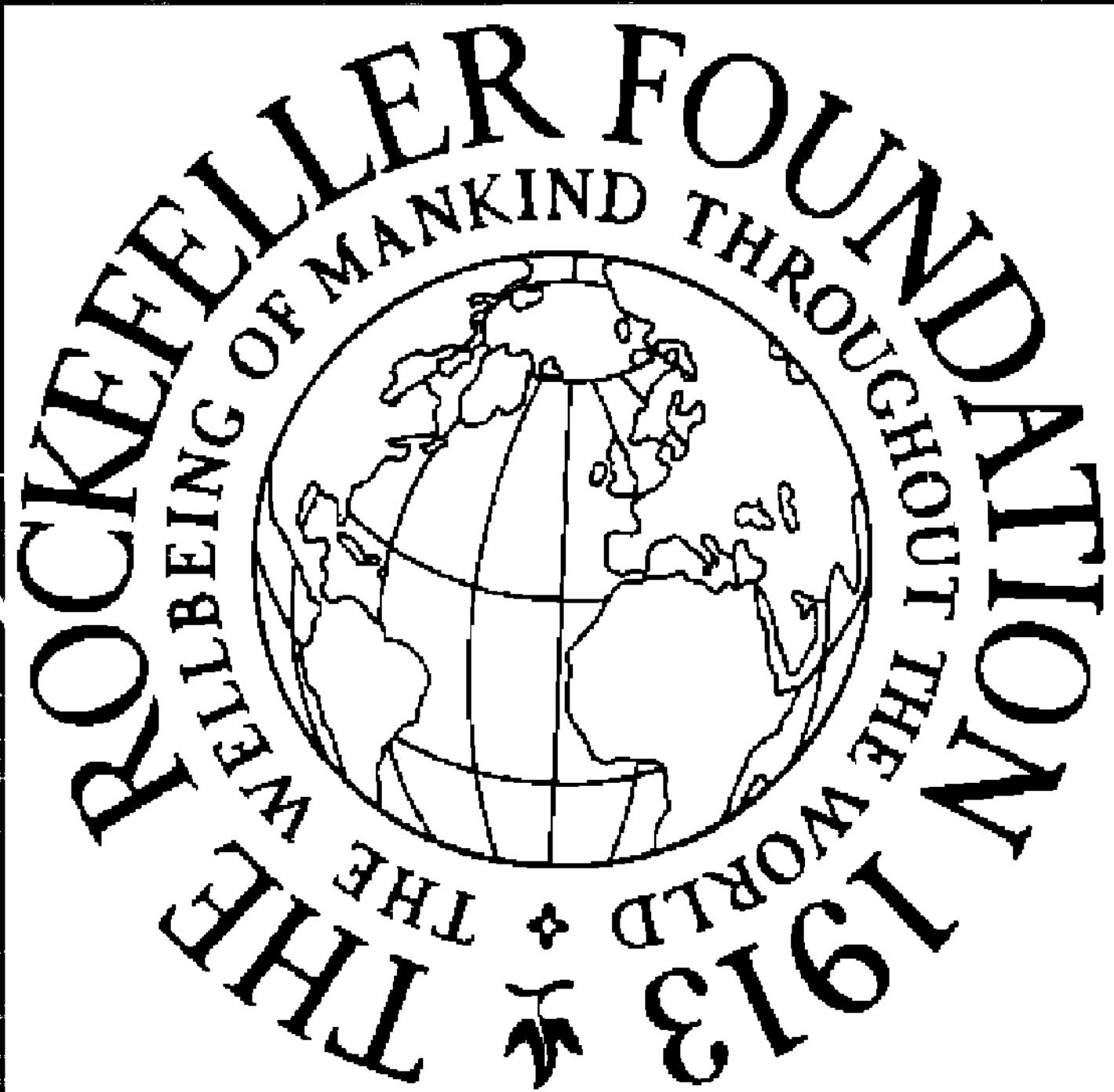
In its arts program, the Foundation seeks to include both the artist and his audience: it supports creative work and the training of performers; equally important, it hopes to enable more people to hear the music, see the plays, and read the works of their contemporaries with sharpened awareness. There is a growing realization that the fullest meaning of the arts lies not in passive appreciation, but in their use toward a deeper understanding of self and society. A new spirit of experimentation and vitality characterizes the arts, yet this cultural ferment, because of its very prodigality, poses serious questions. Thought and leadership are needed; by providing experienced counsel and flexible but systematic assistance in achieving well worked-out goals, foundations are finding in the arts and humanities an increasing opportunity for service.

The Rockefeller Foundation's programs in cultural development help to support institutions which develop professional performers; they assist gifted writers at critical times in their careers, and provide opportunity for playwrights to test new plays in congenial surroundings. The program lays particular emphasis on bringing playwrights, musicians, and writers into association with universities genuinely hospitable to the arts, hoping thereby to provide the arts with the continuity which the universities have already extended to other fields, and responding to the eagerness of increasing numbers of universities to have outstanding artists participate in education.

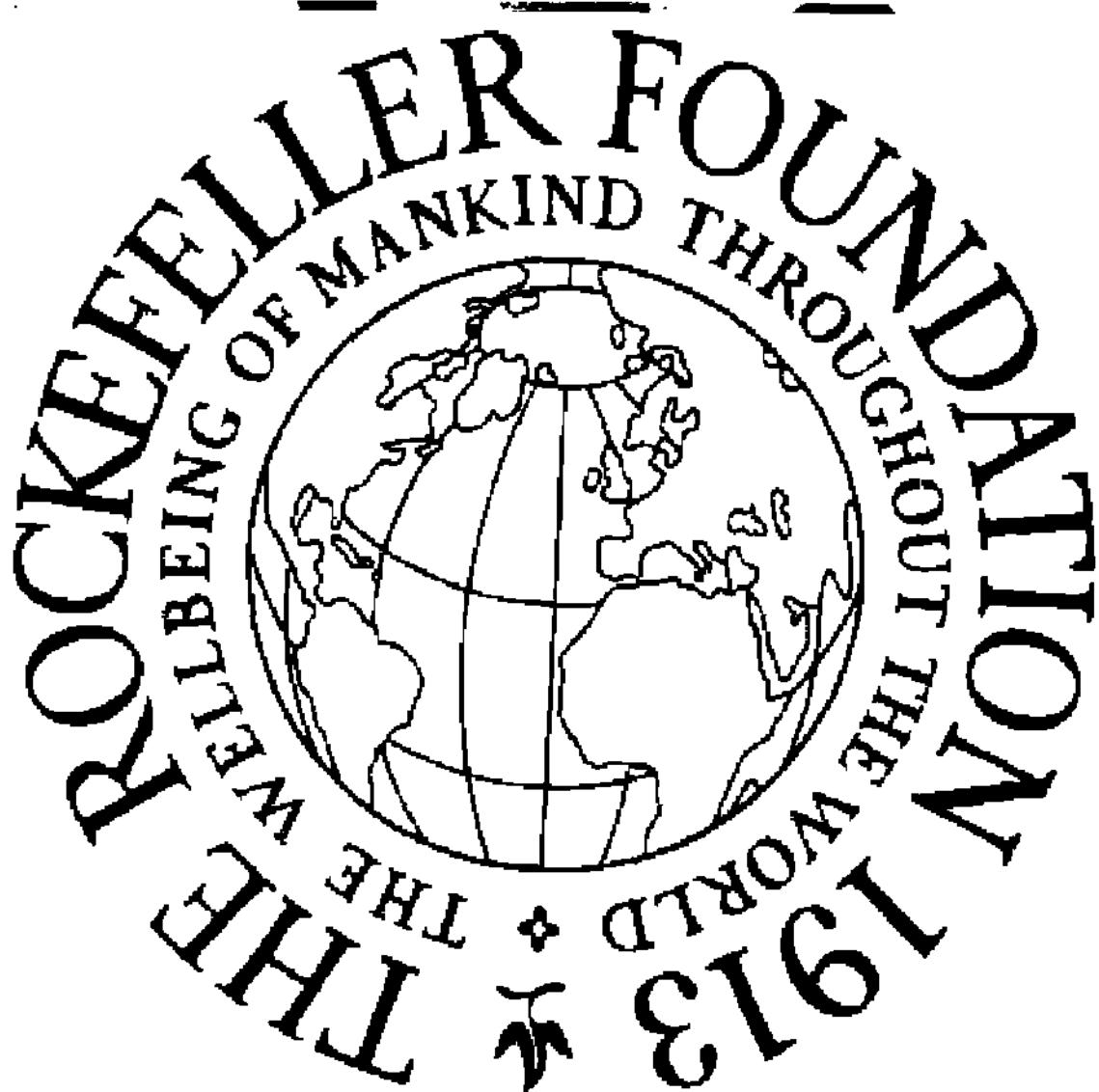
The Foundation's aim to enlarge and diversify audiences, and to refine critical judgment, is implicit in almost all the grants made under the cultural development program; several projects are specifically designed for this purpose. The program reflects the belief that thoughtful assistance can contribute to the unfolding of the extraordinary creative energy apparent in America today.

## ORCHESTRA AND COMPOSER

If comparatively little new symphonic music is heard today, it is partly because little is being written, and conversely, little is written because the chances of its being played are slight. Orchestras often cannot afford the extra rehearsal time needed to add new works to their concert repertory; audiences, unused to contemporary idioms, do not demand to hear more modern music. In consequence, composers shy away from symphonic music, and the musical community suffers, particularly in music schools and university departments where today's music potentially has its most knowledgeable and most sympathetic audience. Since 1964, The Rockefeller Foundation has participated in a promising approach aimed at resolving this deadlock: a considerable number of major symphony orchestras have prolonged their regular seasons by at least one week, during which they have taken up residence at nearby universities, to rehearse and perform new or seldom-heard works. During the 1964-65 season, ten major orchestras played the works of 56 younger composers. Well-attended open rehearsals, symposia, broadcasts and tapings, additional chamber music concerts, and informal give-and-take between orchestras and audiences, musicians and composers, created the atmosphere of a small music festival on the campuses. This was very much evident at the University of Washington, for example, where composers participated in the rehearsals of their works by the Seattle Symphony Orchestra (*right, Roger Reynolds with conductor Milton Katims*). In nearly every case, the conductors found new works that they later repeated in their regular subscription series.



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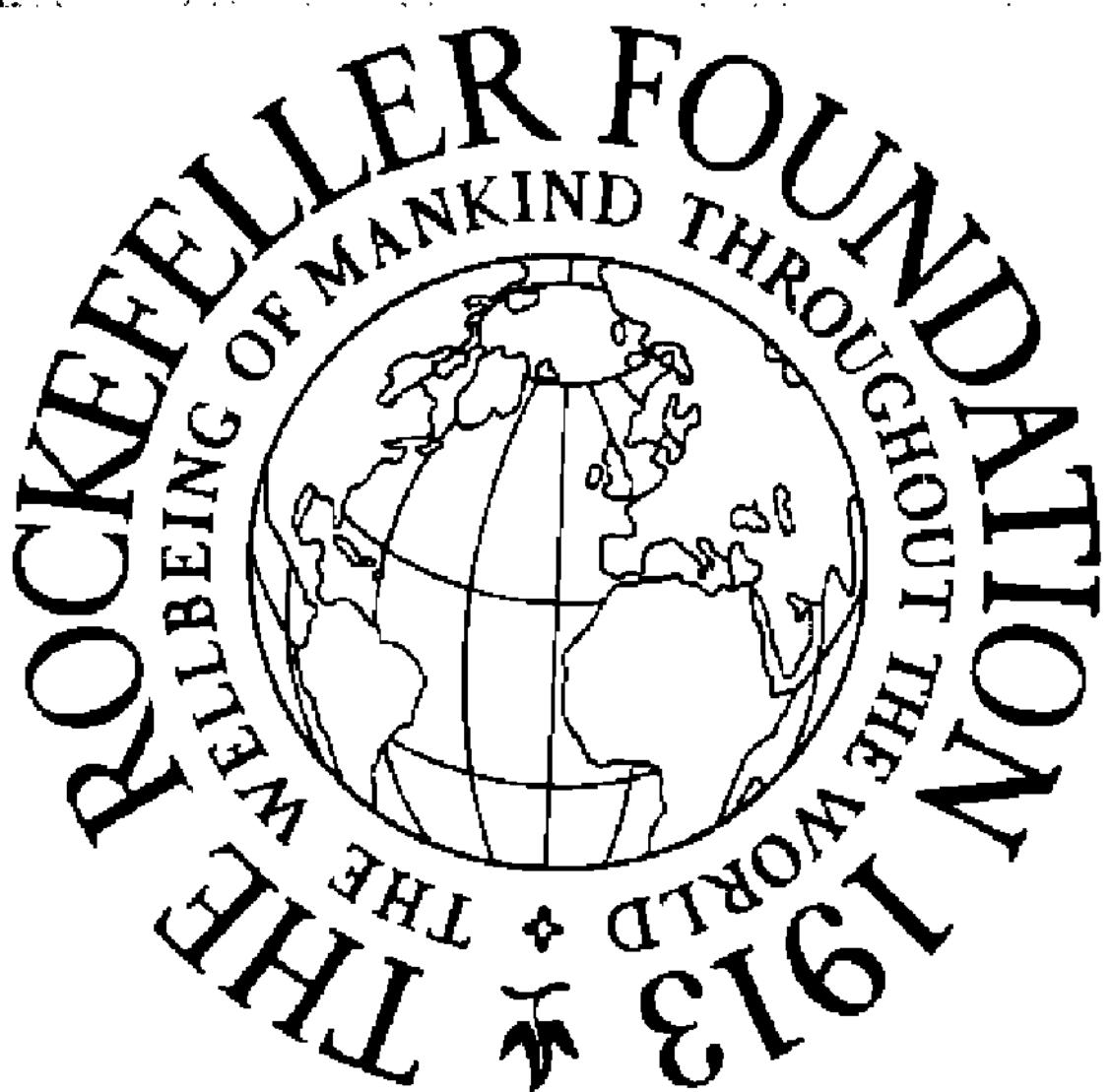


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### NEW MUSIC AND THE UNIVERSITY

First-rate chamber groups specializing in contemporary music are now in residence, under Foundation grants, in five universities across the country; the universities are eager to provide a secure base and congenial atmosphere for the performers, who in turn welcome the opportunity of challenging audience and students. At the University of Chicago, a new group called the Contemporary Chamber Players has given highly acclaimed local and out-

of-town concerts, in addition to its members' pursuing their individual research and work. The "Creative Associates" scheme of the State University of New York at Buffalo, in much the same way, gives young performers an opportunity to concentrate on studying, writing, and performing new music. This year the well-known Contemporary Chamber Ensemble, directed by Arthur Weisberg (*above*), took up residence at Rutgers—the

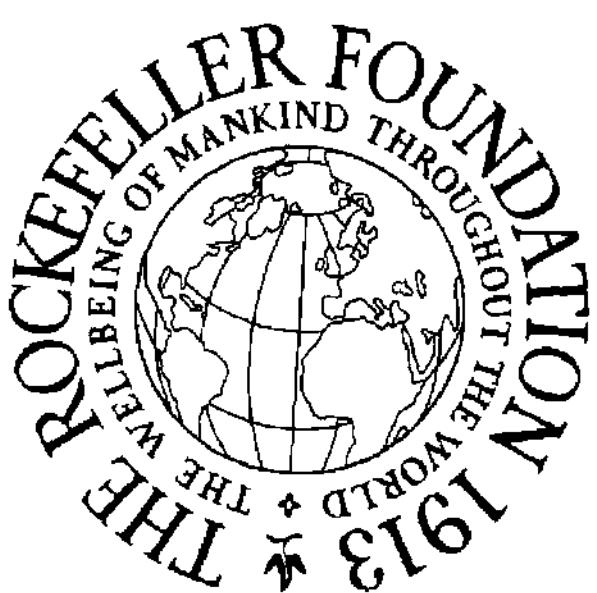


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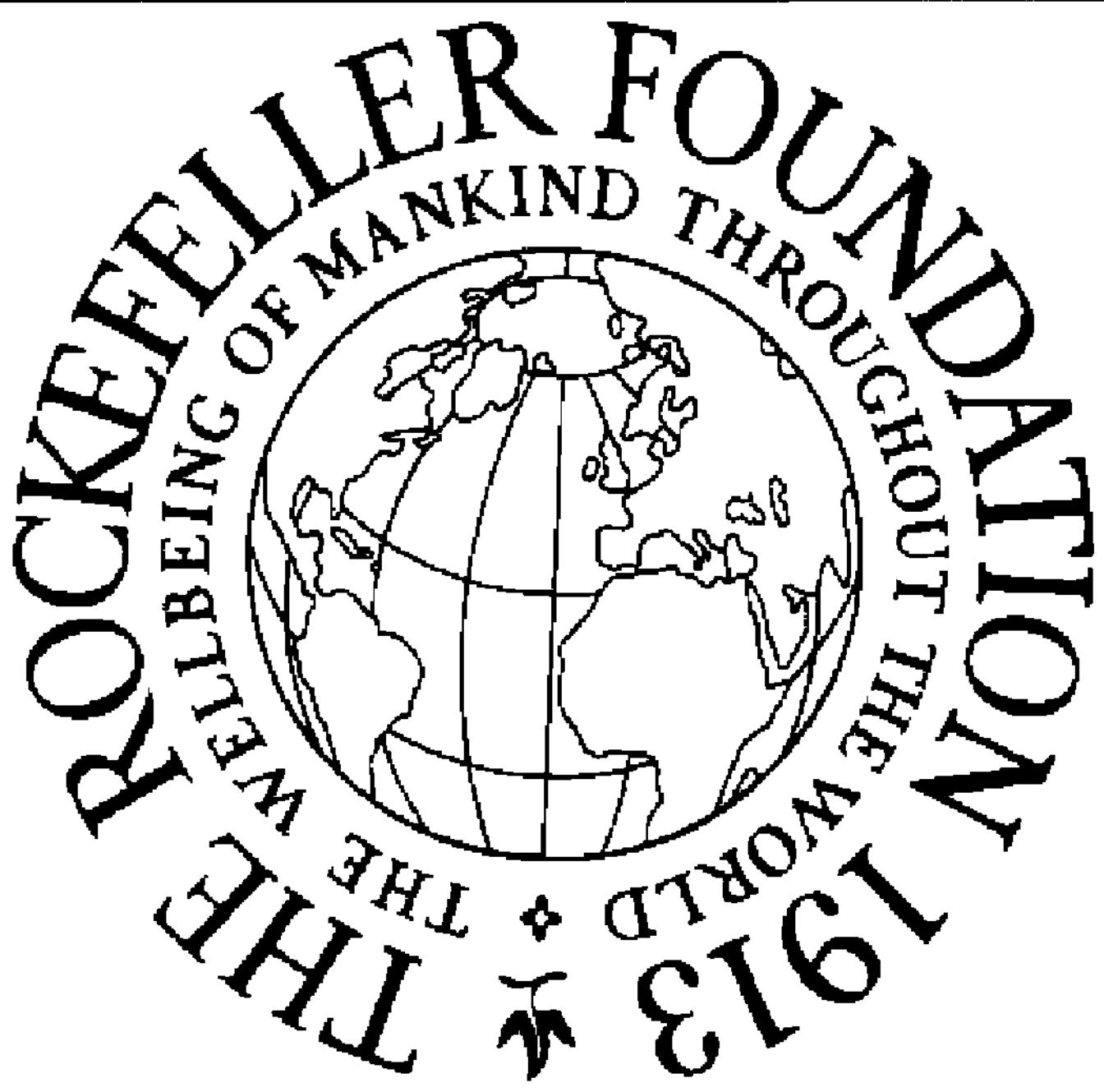
State University of New Jersey. The University of Iowa is in the process of recruiting a group of composers, instrumentalists, and vocalists to form a Composers' Workshop and a Center for New Music which will act as laboratories for creative work and in addition bring contemporary music to other communities throughout the Midwest. Mills College in California also received support for the resident Mills College Performing Group.

## WRITER'S STAGE

The medium of the playwright—director, actors, technicians, and a theatre—is somewhat harder to assemble than the means for most other forms of art. As a consequence, too few professional workshops are available to him. The Rockefeller Foundation is giving support to three outstanding groups engaged in offering playwrights—and poets and novelists as well—the opportunity to work with experienced actors and directors on new plays. Through a grant to the University of Minnesota, several playwrights each year are invited by the university's Office for Advanced Drama Research to work with professional theatre people, developing their scripts through every phase of production until the plays are ready to be presented before invited audiences at local theatres. A similar experience is afforded young playwrights by the Playwrights Unit of the Actors Studio, New York, in a program supported by the Foundation since 1963. The original purpose of the American Place Theatre, New York, was to bring together different kinds of people engaged in the creation and transmission of cultural values—writers, scientists, theologians, journalists—in an atmosphere conducive to writing for the stage (*right, actors assemble for a script reading*). Through the work of this group, poets and novelists of the first rank have been enabled to create works for the theatre. The end result, once the best productions have been offered to the general public, is intangible, but real: a new excitement in the theatre, new perspectives for dramatic writing.



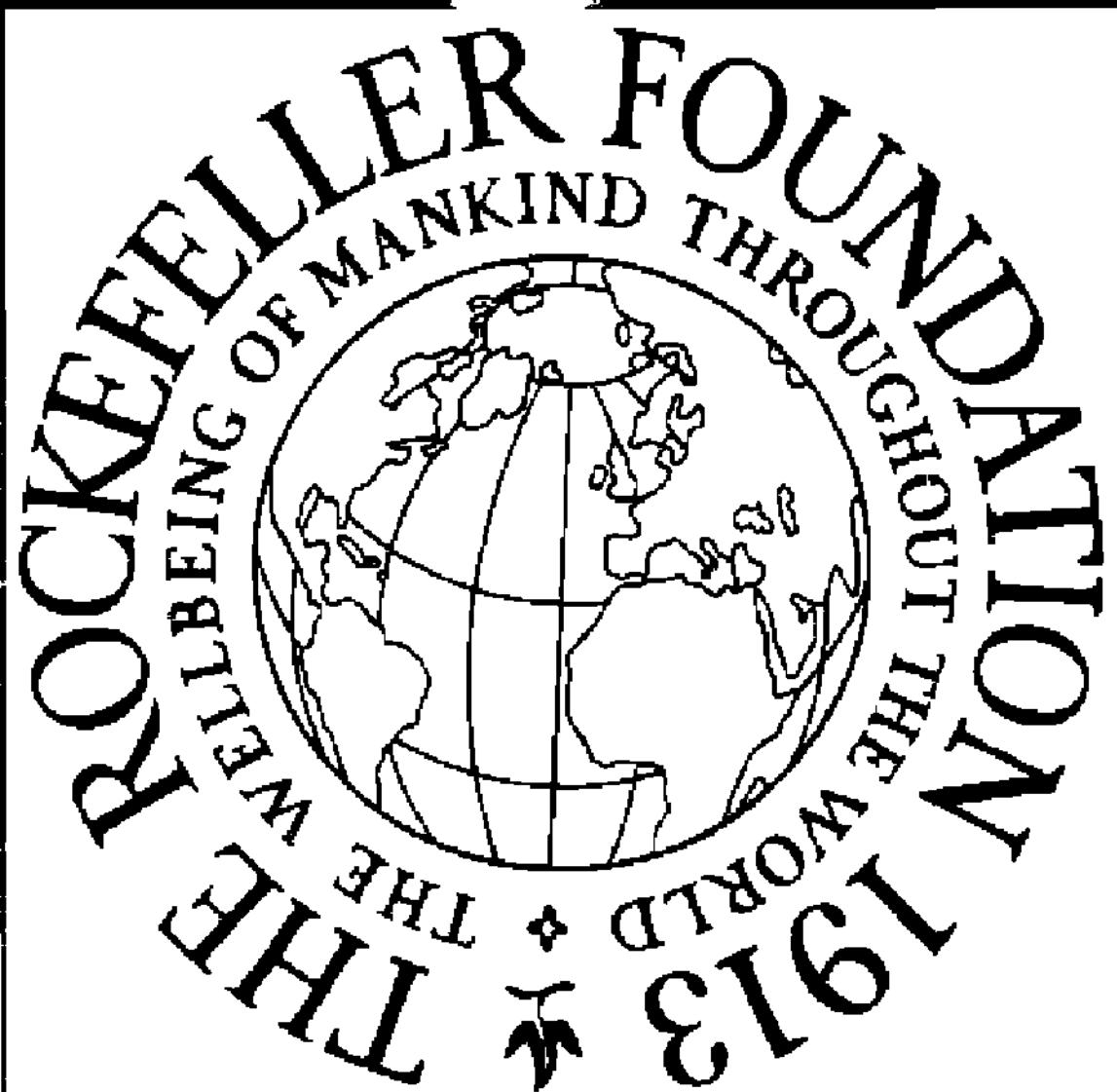
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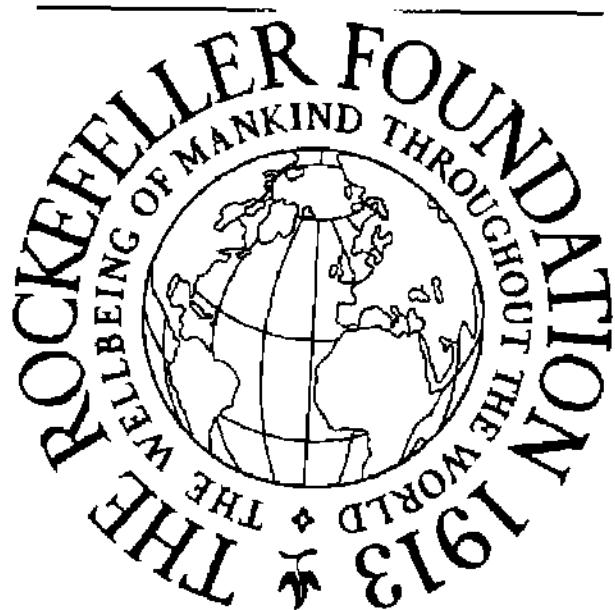
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## TRAINING THE PERFORMER

With the founding of resident repertory companies in major cities across the country, the need for better-trained and more versatile actors is becoming increasingly apparent. American actors, who excel in naturalistic roles, generally lack the dramatic range and the technical skills required for many of the great classic parts, or for the subtleties of much of the contemporary drama. American companies must either operate within a narrow stylistic range, or do less than justice to many plays. There is considerable agreement that these deficiencies could be largely amended by more and better training. The Rockefeller Foundation is supporting several approaches to this problem: A grant to the Washington Drama Society, for example, will underwrite supplementary training for the members of the Arena Stage company (*right*), who are professional actors anxious to perfect their craft. Training and remedial work in voice is a major need for most companies; a grant to the Minnesota Theatre Company Foundation is supporting a training program for teachers of voice, under the direction of Miss Kristin Linklater. In addition to formal study, the trainees will work with resident companies in Minneapolis and in New York under Miss Linklater's guidance. Both programs stress coordination of voice, movement, expression, and acting techniques, with the ultimate aim of equipping more American actors to handle a wider range of dramatic literature.



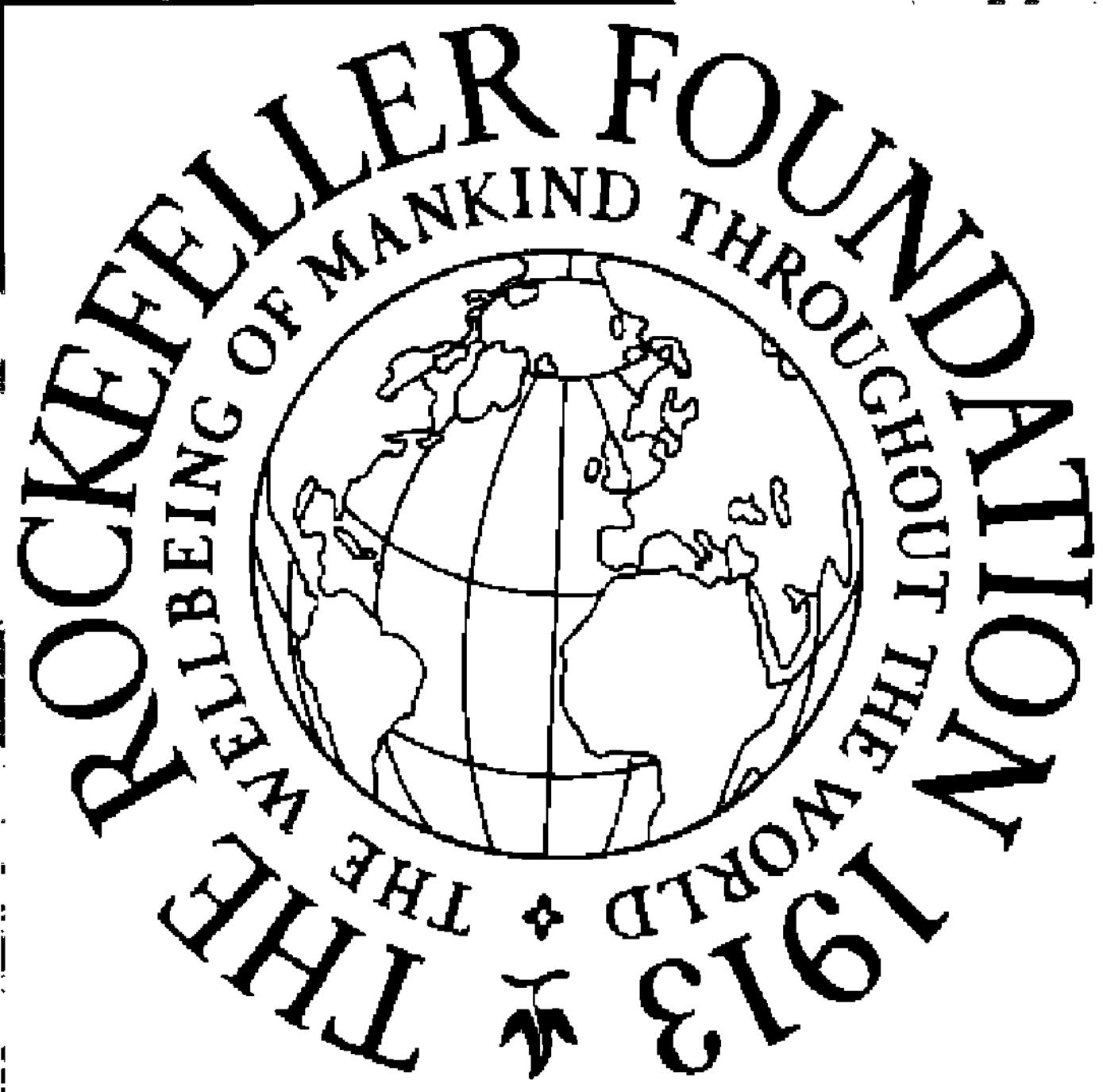
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## FREEING THE CREATIVE INDIVIDUAL

During the past year, the Foundation moved into a still-experimental program within the humanities designed to encourage the highly gifted individual working independently at a critical time in his career. It is an unusually flexible scheme: outstanding writers, editors, and scholars in different parts of the country are encouraged to suggest the names of poets, novelists, and scholars, including young writers of promise rather than reputation. Applications from the most exceptional candidates are then invited and if, after interviews and further consideration, a grant is made, it is fitted as reasonably as possible to the writer's own needs and plan of work. So far 18 grants have been made to allow such distinguished authors as Ralph Ellison and Jean Stafford, and outstanding younger writers such as poet Jean Valentine (*right*) to devote themselves full time to their work. Private foundations are in a privileged position to offer assistance to the creative artist at a critical moment in the evolution of his work — and this may be at the outset of his career or long after his reputation is established — and The Rockefeller Foundation hopes to accomplish this through a flexible program of support to individuals, supplementing its other grants in the arts.

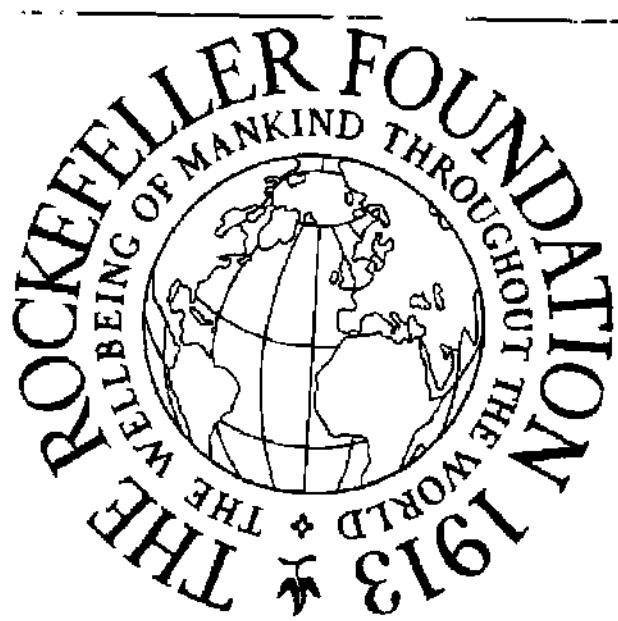


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## ENLIVENING THE LIBERAL ARTS CURRICULUM

Forward-looking colleges are seeking ways to enliven teaching and learning in the liberal arts, emphasizing not only their interdependence and their relevance to modern life, but also the desirability of first-hand experience. Reed College in Oregon is one of the pioneers; it is currently receiving Rockefeller Foundation support for certain important aspects of its programs in the humanities and the arts. In addition to experimenting with interdisciplinary research in the social sciences and humanities, it is giving more attention to the role of the creative and performing arts. Kenneth O. Hanson, Professor of Literature (*lower left*), is chairman of an undergraduate scholarship program in the arts, and is released from half of his teaching obligations to work on his own poetry and on a translation of Chinese poetry of the 9th century.

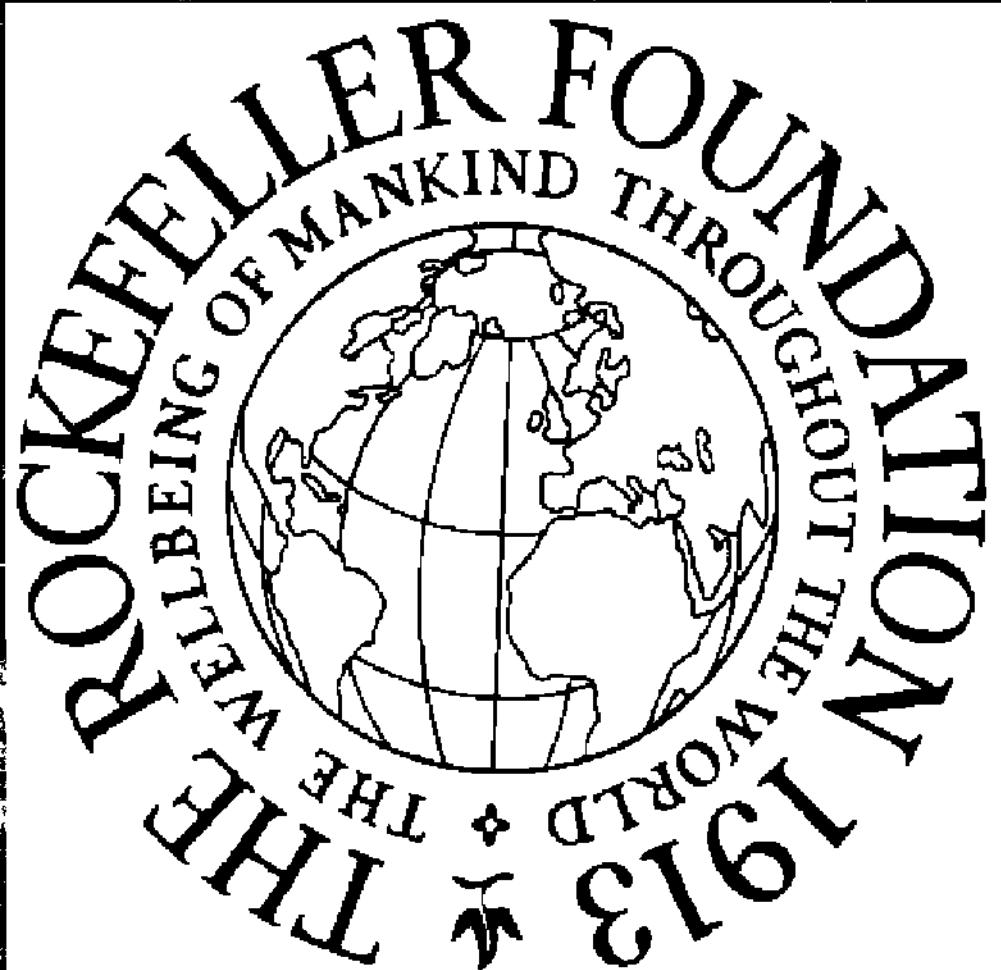
In the humanities, Reed has initiated a two-year course, taught by 35 faculty members in the social sciences and humanities, which has served as a model for other liberal arts colleges. In a new experimental project, faculty members who are specialists in different fields organize research around a central area of interest; currently a group, including Kaspar Locher, Professor of German and Humanities (*top right*), and William Halewood, Associate Professor of Literature and Humanities (*lower right*), is concentrating on the theme of satire in the 18th



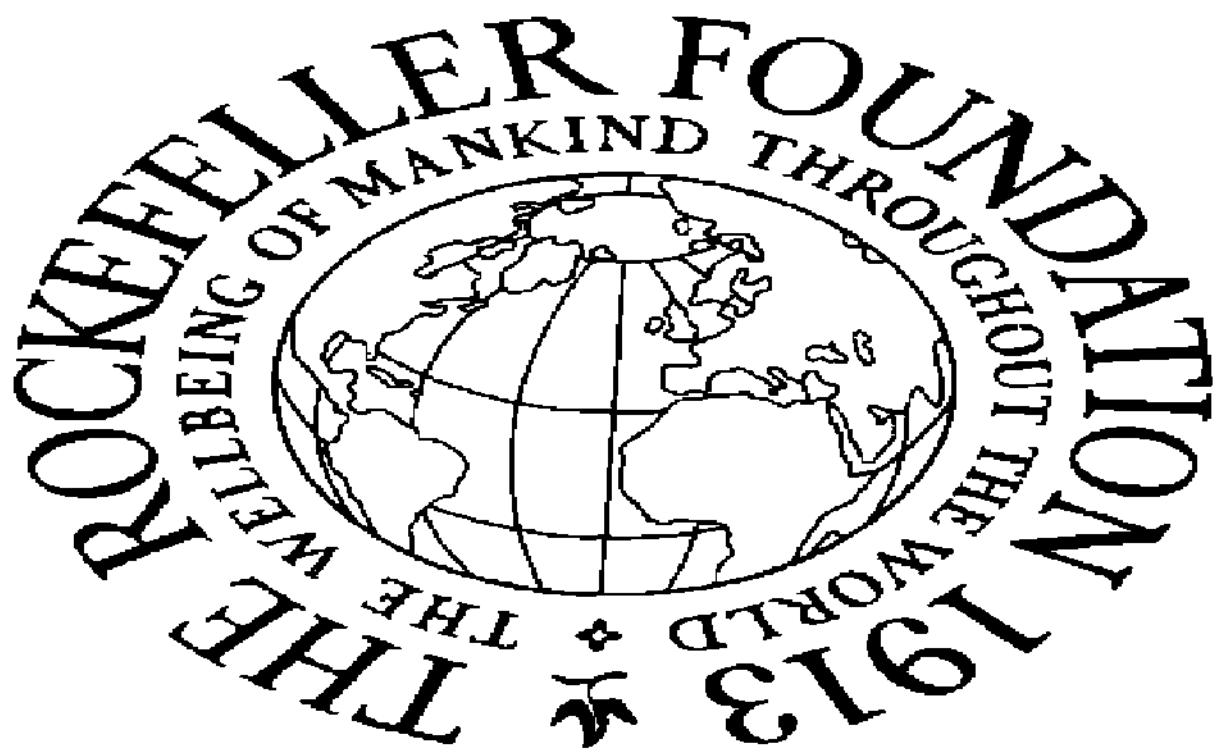
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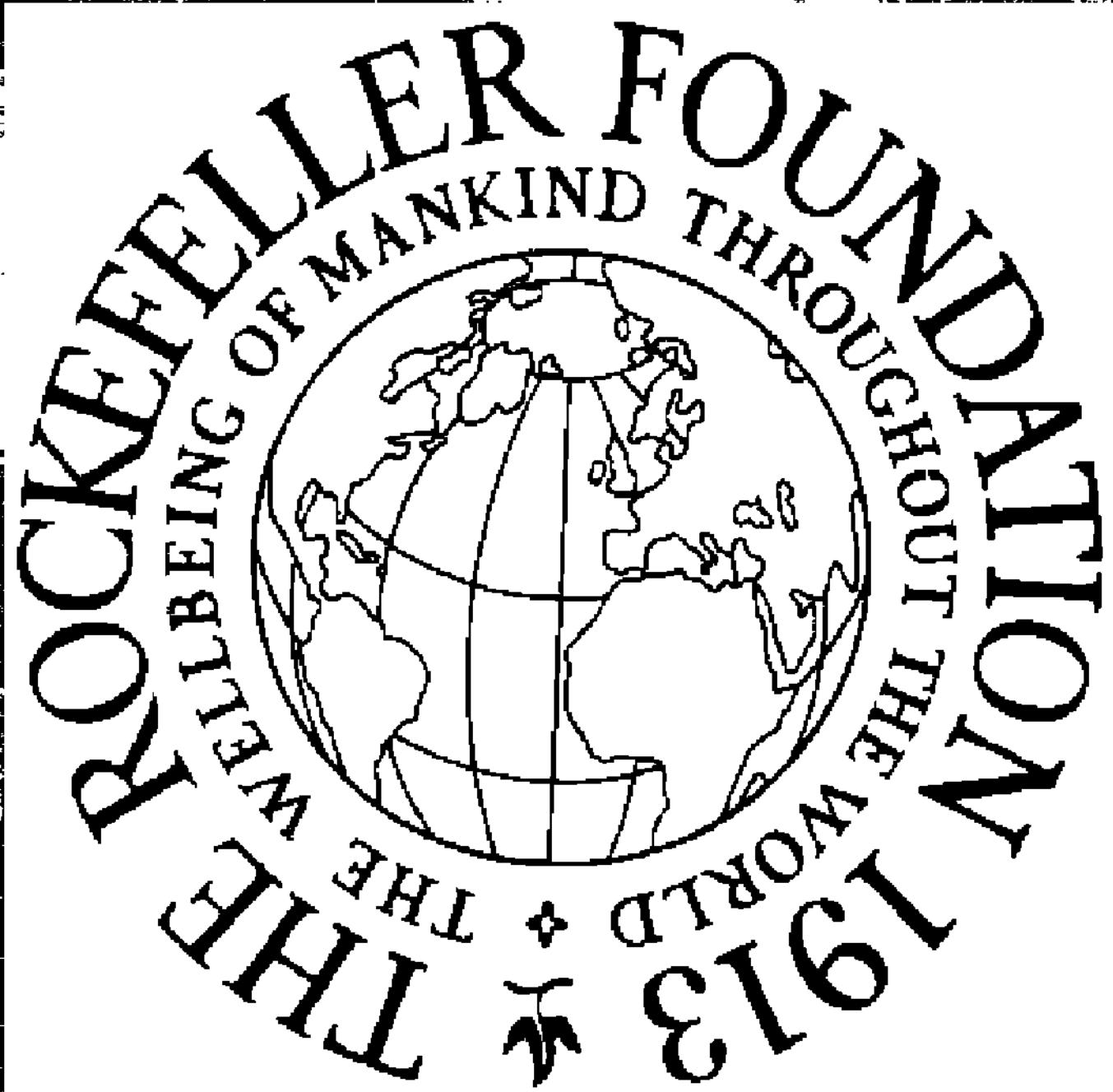
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century. Professor Locher is working on satire in painting, particularly in Hogarth, and Professor Halewood is contributing studies in early 18th century literature. Those participating in the seminars are freed in part from their academic commitments to devote themselves to this collective project. The college plans to invite a top-ranking scholar to spend a year on the campus to take part in the seminars and stimulate interest in the work.

Reed is also encouraging active involvement in the arts as part of the undergraduate curriculum. Students, such as art major Thomas Whitehead (*right*), may work at writing, painting, sculpture, calligraphy, or ceramics, or take part in theatre, music, and modern dance performances. Foundation funds support special scholarships for a few gifted students, to permit them to take a year's "leave" from college for independent work in their major fields, either on campus or elsewhere, with the understanding that they will return to Reed and finish their degrees. Creative arts faculty members are also enabled by this grant to devote full time to working in their chosen medium for a year, remaining in residence at the college and available for informal consultation with students. The college also hopes annually to bring a visiting artist in one of the regular subjects of the arts curriculum to the campus for the full academic year to enrich both the college's offerings and the cultural life of the city of Portland.



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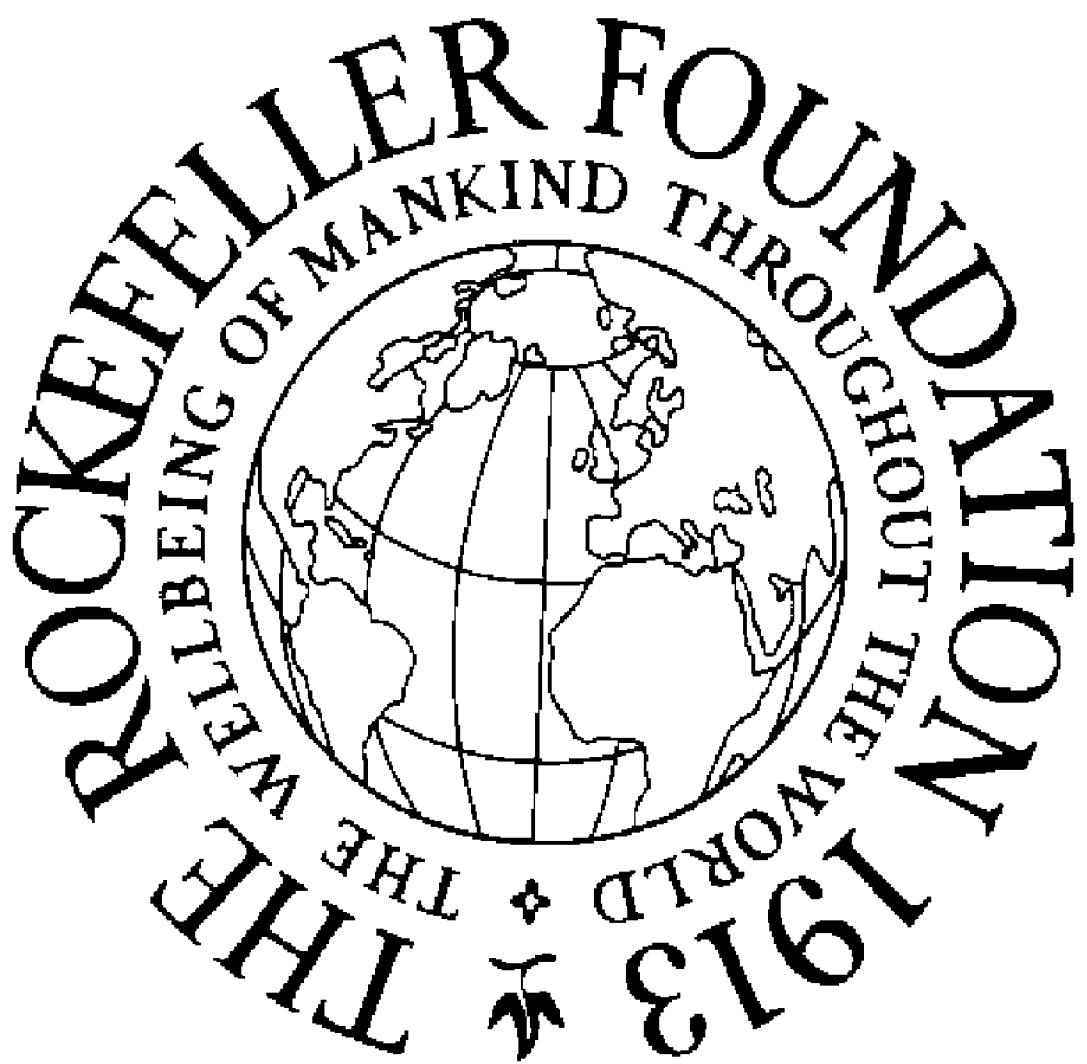
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#### NEW AND BETTER-INFORMED AUDIENCES

Widespread interest in the arts, a fairly new development in America, implies desirability not only for larger but for more aware and diversified audiences.

Although almost every aspect of the Foundation's program in the arts is concerned with bringing about a closer relationship between artist and audience, a number of grants were made during the past year which had as their primary objective the development of audiences. Support was given for special editorial projects of the widely circulated *Tulane Drama Review*, which publishes critical and scholarly articles on the theatre, and to the Academy of American Poets to prepare tapes of poetry readings and discussions for the use of high school English teachers.

For many people, however, the physical distance or psychological barriers between themselves and experiences in the arts are so great that they cannot be expected to take the first step. The Foundation made two grants in 1965 to serve this purpose: one went to the National Repertory Theatre Foundation, which brings high-quality theatre productions to communities throughout the nation (*right, the National Repertory Theatre company on the campus of the University of North Carolina at Greensboro*); another supported the Educational Broadcasting Corporation, New York, in its effort to present programs of educational and artistic value.



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## TOWARD THE CONQUEST OF HUNGER

IN 1965 THE WORLD as a whole had less to eat than the year before: world food production grew by one per cent while the number of people increased two per cent. It is already too late for even the most vigorous programs to increase food production and lower birth rates to offset the food deficits that loom for 1970, and only far greater efforts than those presently under way in either area can affect the 1980 gap between numbers and nutrition. For the relatively short run of the next 15 years, statistical abstractions are likely to become grim reality for people in those countries where populations are increasing fastest and food production is low. In more than two decades of collaborating with underdeveloped nations to improve the quality and quantity of their basic crops, The Rockefeller Foundation has found that the stalemate of deficient agricultural systems can be broken. A first step is the adaptation and breeding of better seed for basic food crops. Given better seed, with built-in genetic potential for higher yields, farmers can see the justification for using more fertilizer, for protecting their fields against insects and plant diseases, and for guarding their harvests to prevent loss in storage and transportation. With research must go the training of young men and women in the many skills necessary to provide farmers with the variety of supporting and educational services basic to modern agricultural systems. This approach, initiated by the Foundation 23 years ago in Mexico, has since been carried around the world in cooperative programs between the Foundation and local governments. As a result, great improvements have been achieved with corn in Mexico, Colombia, and India; with wheat in Mexico, Colombia, Ecuador, Chile, India, and Pakistan; with potatoes in Mexico and Colombia; with the sorghums and millets in India and Africa; and are beginning to show with rice in the Philippines, India, and other countries of the free Far East.

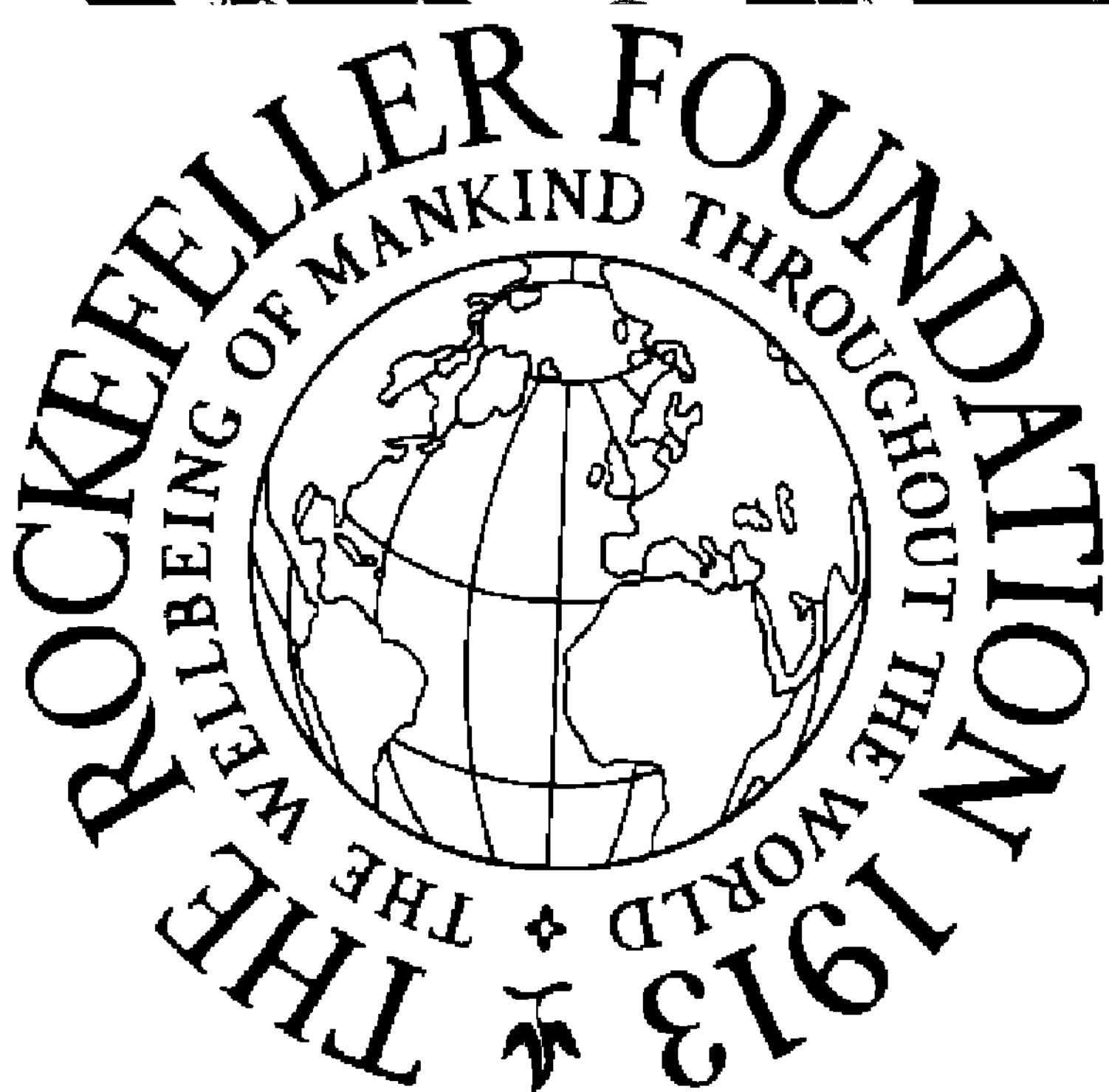
## CORN

In Latin America corn has been cultivated for several thousand years and exists in a great diversity of types. This genetic variability is a resource of inestimable value to plant breeders: it allows them to put together new types of corn, combining characteristics especially suited to many different parts of the world.

Since 1943, Rockefeller Foundation scientists, in close collaboration with other institutions and governments, have systematically collected these variant types and preserved their seed in germ plasm banks in Mexico, Colombia, and Brazil, where they are at the service of the world's breeders.

A corn breeder in Nigeria who needs a genetic strain resistant to certain kinds of pests or diseases, a geneticist in India in need of a drought-resistant strain, or an Egyptian scientist looking for lines giving high yields under irrigation can find these in Latin American germ plasm banks. From Mexico alone in 1965, seed shipments went to 19 states in the U.S. and 39 countries.

Foundation specialists in Latin America, India, and now Africa (*right, experimental field work in Uganda*) also guide corn improvement projects around the world and train corn specialists from many countries. The program that began in Mexico just over 23 years ago has made Mexico self-sufficient in corn production; today many young scientists who have worked as trainees in Foundation programs are in turn helping to develop programs with similar objectives around the world.



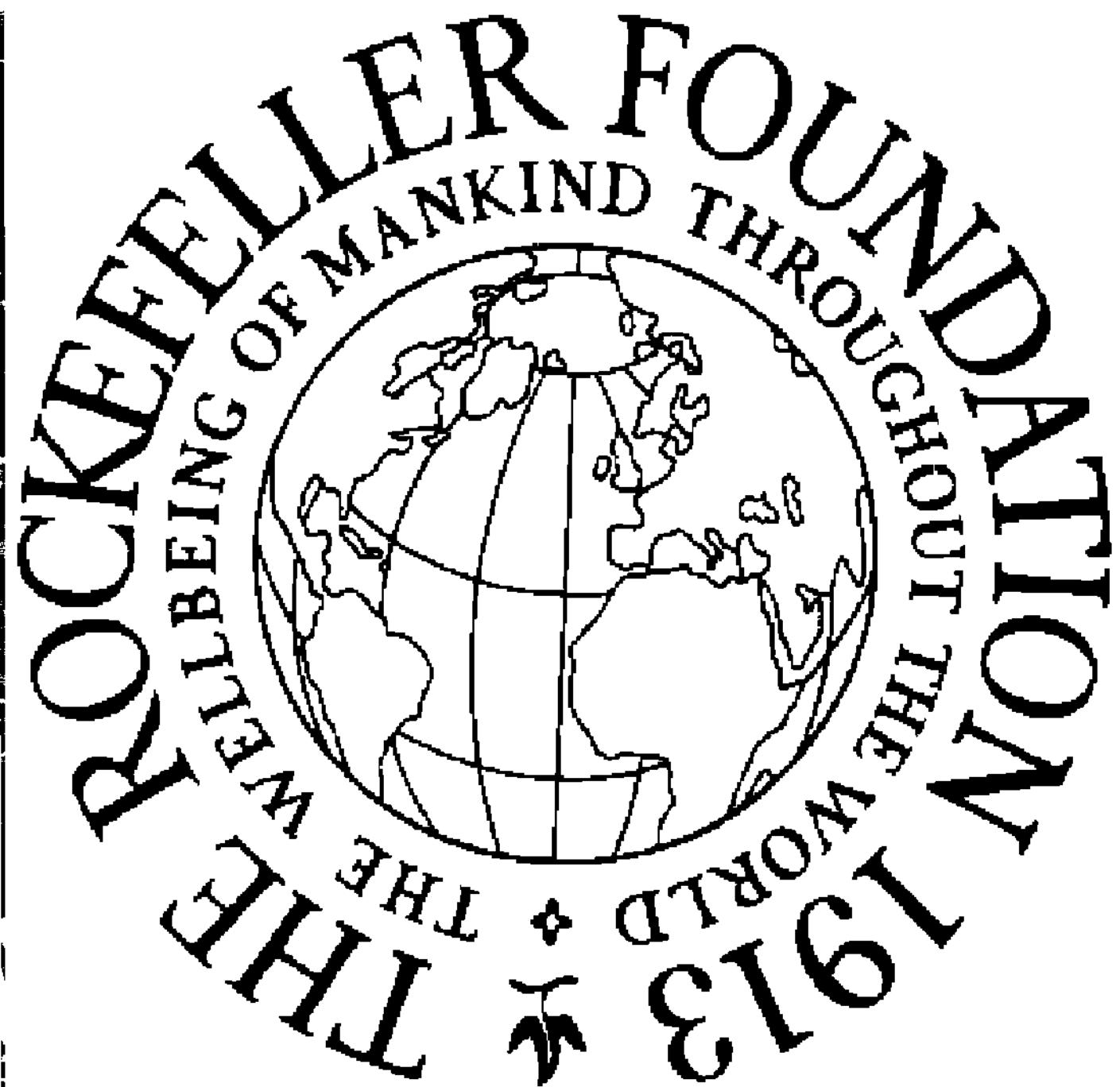
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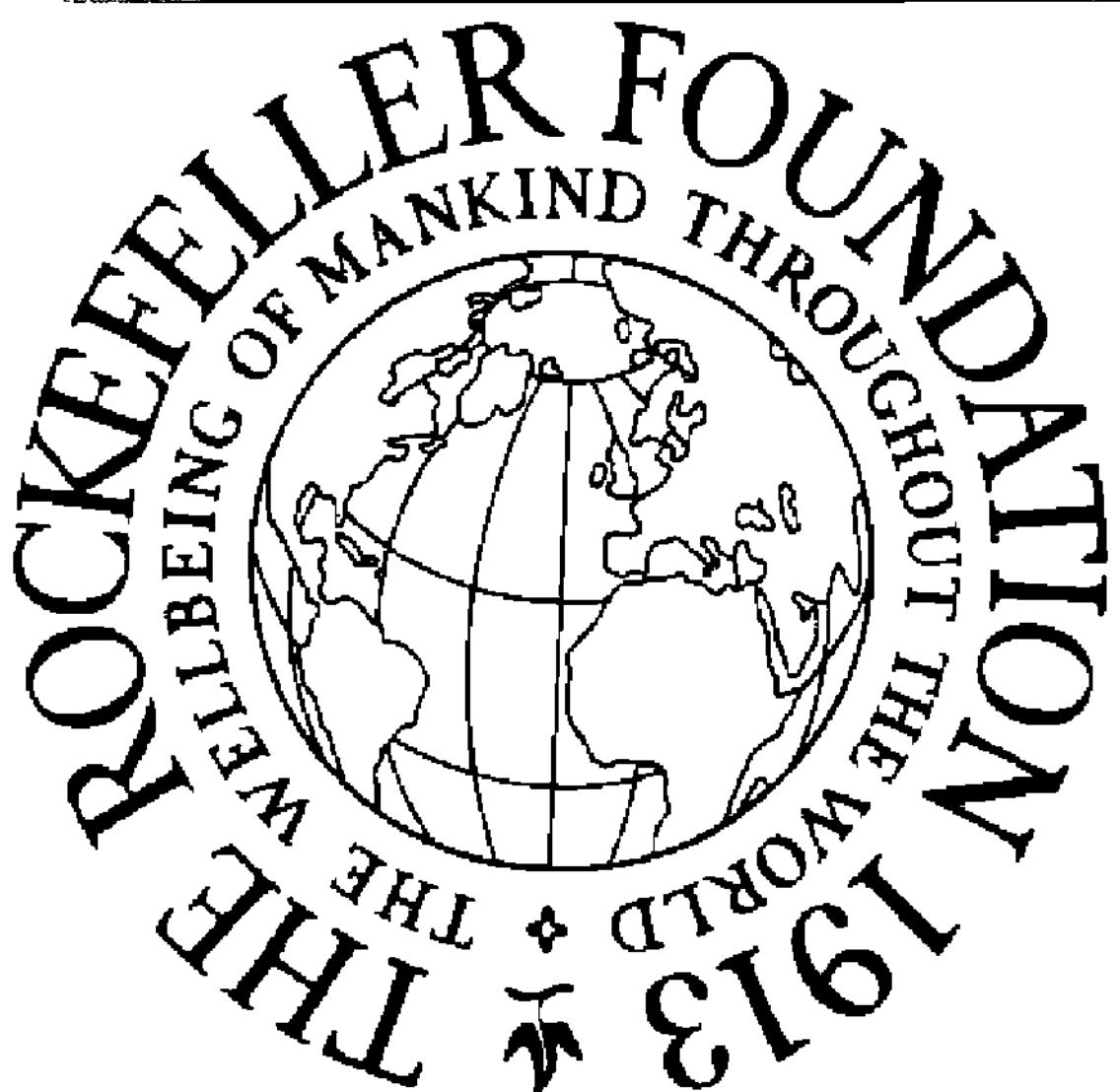
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## WHEAT

During the past 15 years, Mexico's national average wheat yield has surged from 13 to nearly 40 bushels an acre, a phenomenal increase in the production of a basic food crop. Mexican farmers now grow enough wheat to meet all domestic needs, with a surplus for a carryover. The increases are due to new varieties, created in Mexico, with high resistance to wheat stem rust and astonishing yields, coupled with investigations in fertilizer and water management and with extending experimental findings and materials to farmers. This research is now entirely in the hands of Mexican scientists. The Foundation is now collaborating in an international program headquartered in Mexico to share these advances with other nations. Exemplary of this program is Sonora 64, one of the new Mexican wheats, which now grows with outstanding success in India and Pakistan; other genetic lines are in use in wheat improvement around the world. Mexico is now an international training center for wheat specialists. Graduate scientists from Middle Eastern countries (*right*) spend a year in Mexico learning practical wheat improvement methods under Mexican and Foundation investigators under the direction of Dr. Norman Borlaug (*standing*). Foundation staff also participate in wheat improvement in Guatemala, Argentina, and Ecuador as well as in India and Pakistan and provide advisory services in ten other countries where wheat is important.



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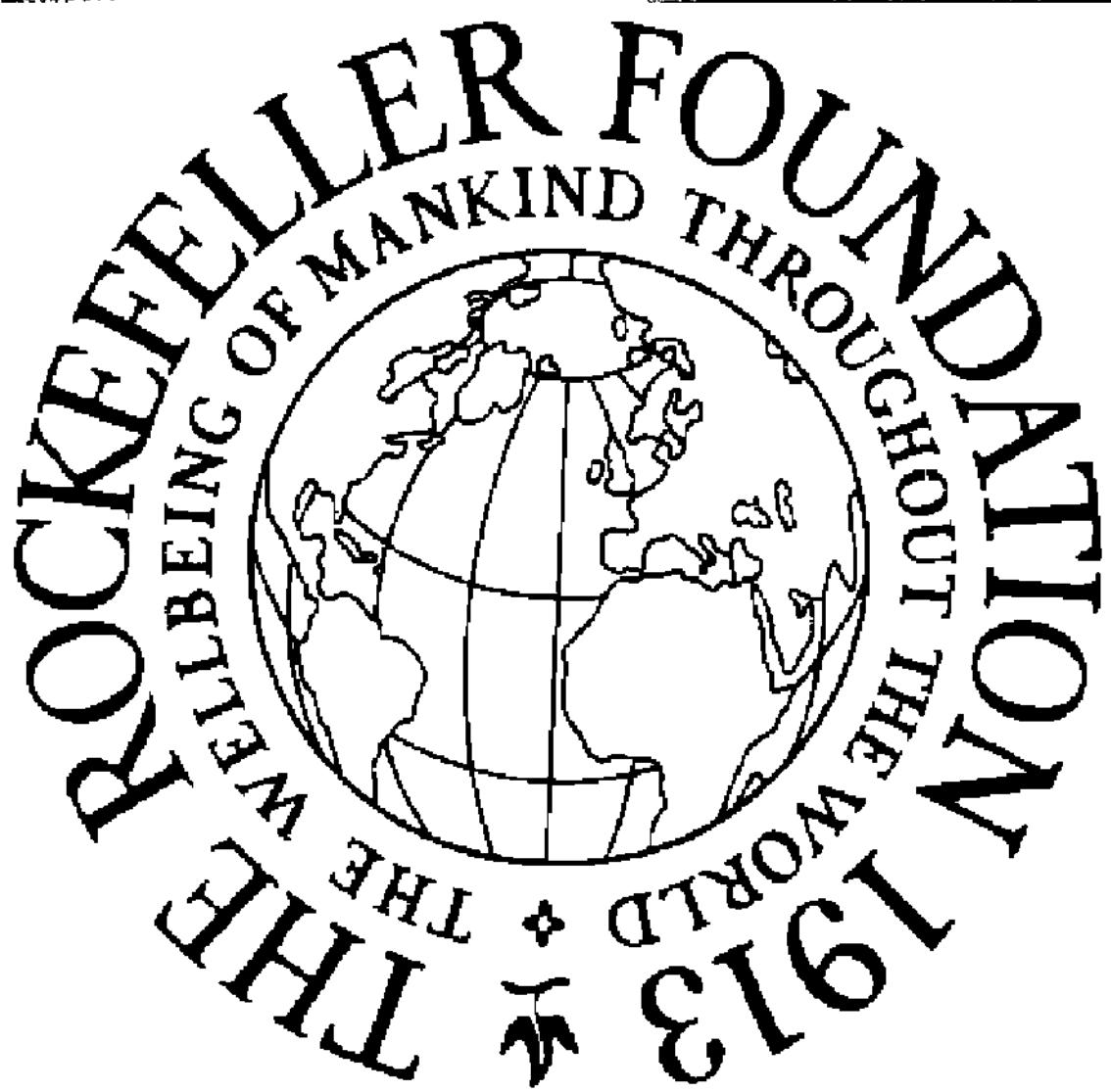


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### RICE

Rice is the staple food of half the world's people today, but primitive methods of cultivation, handed down by 40 centuries of rice-growers, must be revolutionized if the multitudes of their descendants are to be fed. Only modern methods can increase the harvest of the venerated flooded-paddy system of planting and the laborious harvesting by hand; above all, only better varieties can make increased production possible.

At the International Rice Research Institute, a cooperative project of the Rockefeller and Ford Foundations and the Philippine government, specialists in many branches of agricultural science work together to improve rice harvests. An ideal rice — early-ripening, disease- and pest-resistant, stiff-strawed to take fertilizer without lodging, high in protein, and suited to local culinary tastes — is being sought through genetic crosses based on the



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institute's germ plasm bank of over 10,000 kinds of rice. Every relevant aspect of agronomy is under study, and new types are being tested in 40 different places in eight countries. In 1965, 5,000 seed samples were sent to experiment stations around the world.

Training rice specialists is an important aspect of the institute's work: in 1965, 104 persons from 14 countries were enrolled for advanced study.  
*(Above, the dormitory of the institute.)*

## SORGHUM AND MILLET

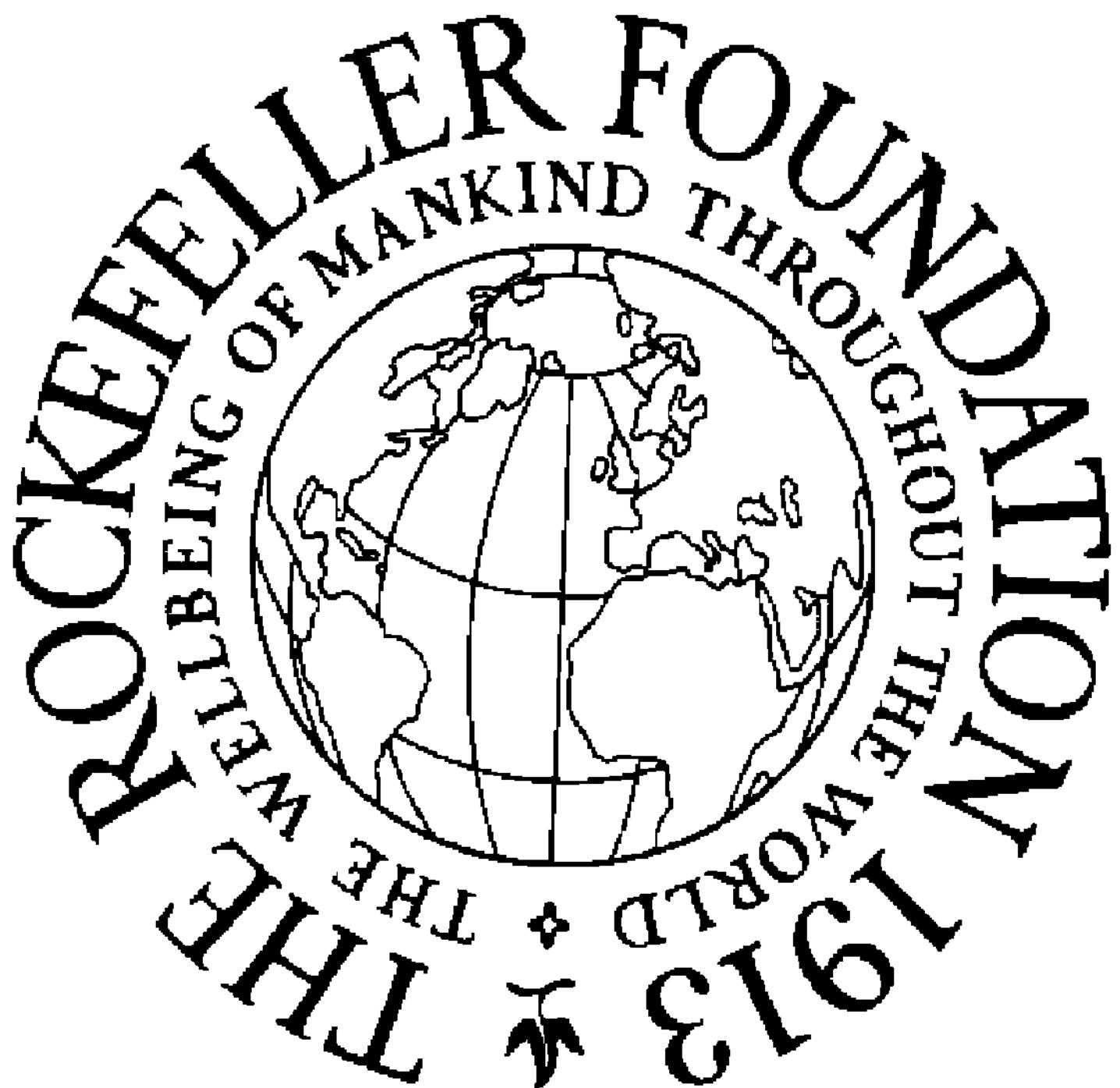
Sorghum and the millets provide an important part of diets in many emerging nations of Asia and Africa. Usually hand-milled with primitive mortar and pestle, they are eaten as gruel or as baked wafer-like cakes. Both types of crops have one advantage over corn — in semi-arid regions they will often yield a harvest on rainfall too low for corn to mature. The abundant leaves and stalks can also be used as fodder for cattle.

The Rockefeller Foundation cooperative sorghum and millet improvement project, based in India, has amassed a germ plasm bank of thousands of types from different parts of the world, and is developing and testing new hybrids superior in yield and other qualities to the varieties now commonly planted. Better soil management and the use of improved seed are already raising production of both these cereals in India. Collaborative research and training are under way at the state agricultural universities and at the post-graduate Indian Agricultural Research Institute, where the multi-disciplinary approach in force in all the Foundation's crop improvement programs stresses the interrelatedness of agricultural improvement procedures.

Sorghum production in Mexico, based on selections made and recommended in Foundation cooperative programs, has tripled in recent years and is still growing. The emphasis is on the use of sorghum in regions where the rainfall is so unreliable that corn cannot be confidently grown, and on types of sorghum that give grain for animal and poultry feed, and good fodder. (*Right, African women plant sorghum.*)



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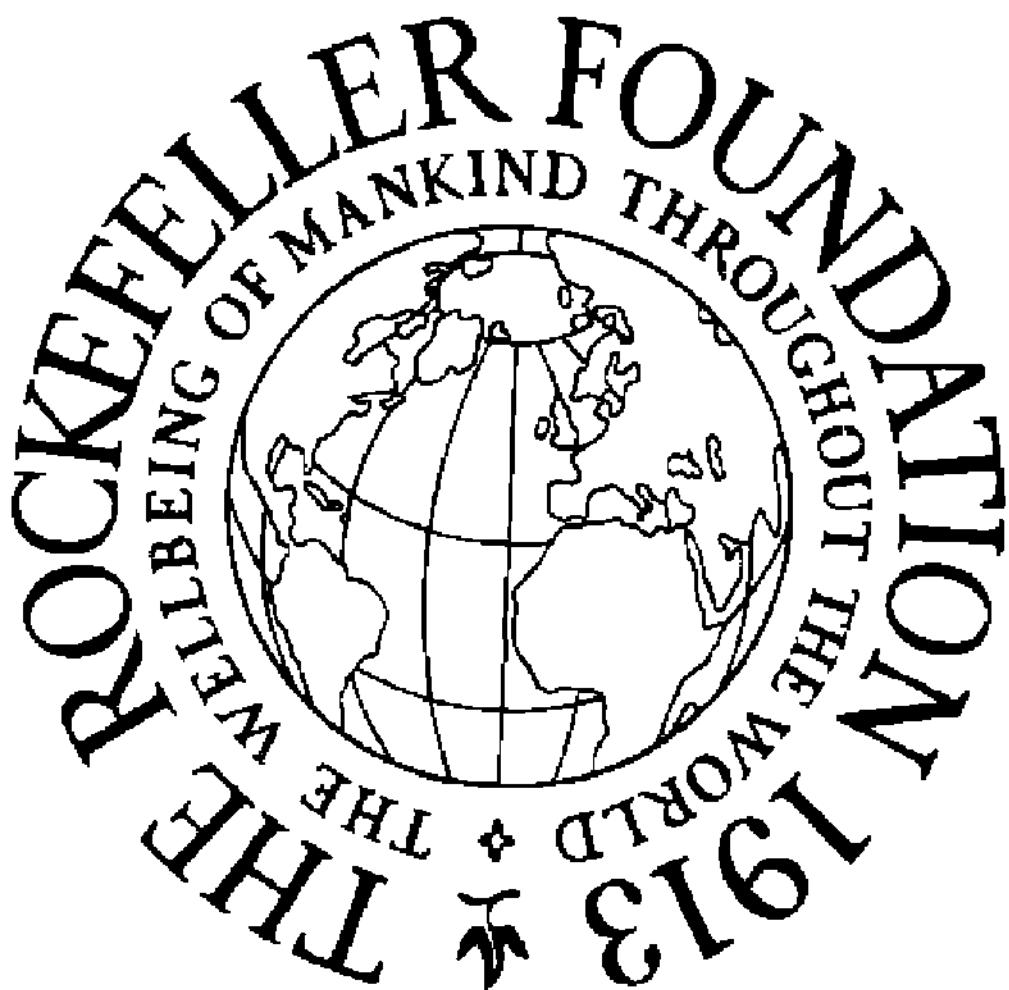


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## NUTRITION

During this century striking progress has been made in raising the yield potential of grains which form the basic diet of most of the world's people. But these new varieties have about the same protein content as older ones: often too low to prevent malnutrition in populations which subsist chiefly on cereals. Much research in nutrition has gone into the production of protein supplements, but their widespread use is limited both by economic and social factors. (*Right, a child in India eats a protein concentrate in the form of a sweet.*)

A major breakthrough for nutritional science came two years ago when a research team at Purdue University demonstrated that high-quality protein can be bred directly into corn, through a mutant gene discovered by the use of new biochemical techniques. Efforts are now being made to breed this trait into the corn varieties commonly planted by farmers, and an intensive search is also under way to find similar genes in other grains. The Rockefeller Foundation cooperating programs, with their germ plasm banks for all the basic crops, are in a position to undertake extensive experiments, and in 1965 an international program in nutrition was launched as a joint project between medical faculties and agricultural centers in Mexico, Guatemala, Colombia, India, Thailand, and the Philippines.

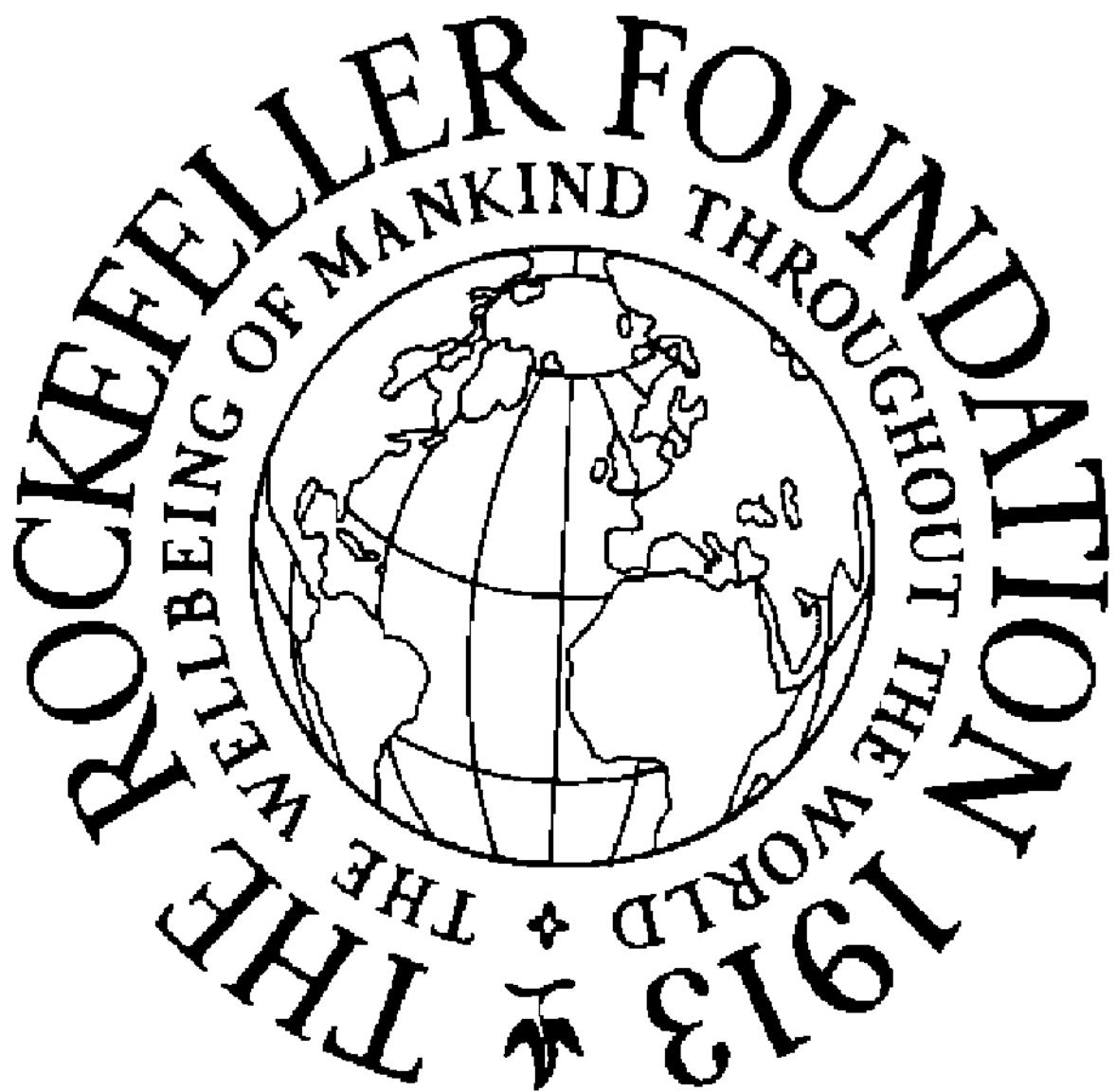


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## PROTEIN FROM FISH CULTURE

Growing fish in both brackish- and fresh-water farm ponds is a practical and inexpensive way of increasing the protein supply. Support was given last year to methods to increase fish harvests in brackish water in experimental fisheries located in Honolulu, Taiwan, and the Philippines. Mullet and milk-fish, the fish most commonly raised in these ponds, do not mature and spawn in brackish water, and consequently

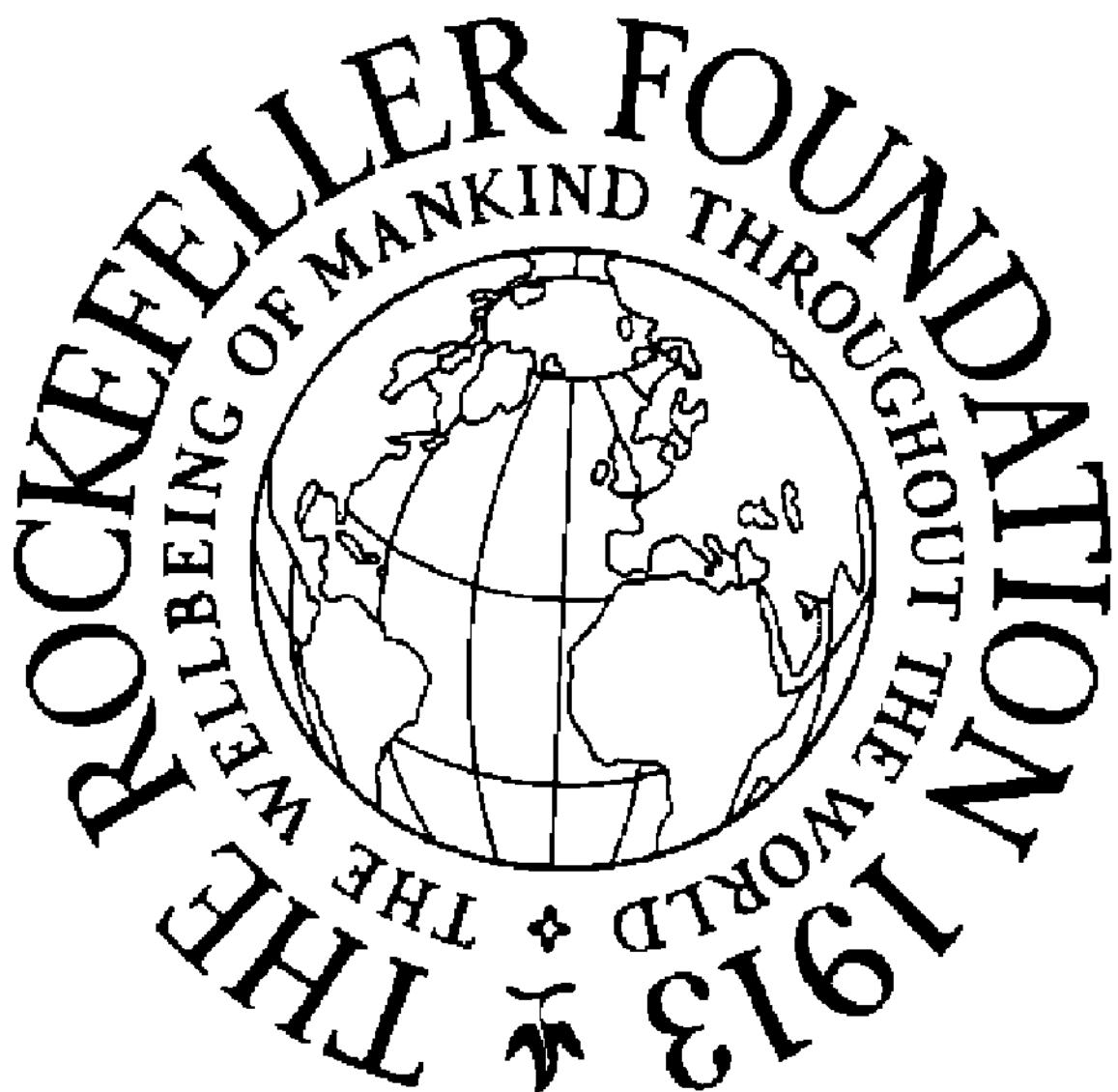
research is being concentrated on ways to induce spawning artificially. Another goal is to develop better pond management, so as to increase the yield of both brackish- and fresh-water ponds. Century-old methods must be improved; more productive modern techniques must be introduced, and more ponds must be developed to supply protein for Asia's growing population. Marine biologists in the three



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stations are working toward these objectives, and at the same time training a corps of young marine biologists.

The research and training center in marine biology at Auburn University, Alabama (*below*), also received support for extensive experiments in freshwater pond development. Many of the biologists now working in the Southeast Asian stations were trained at the Auburn fisheries.



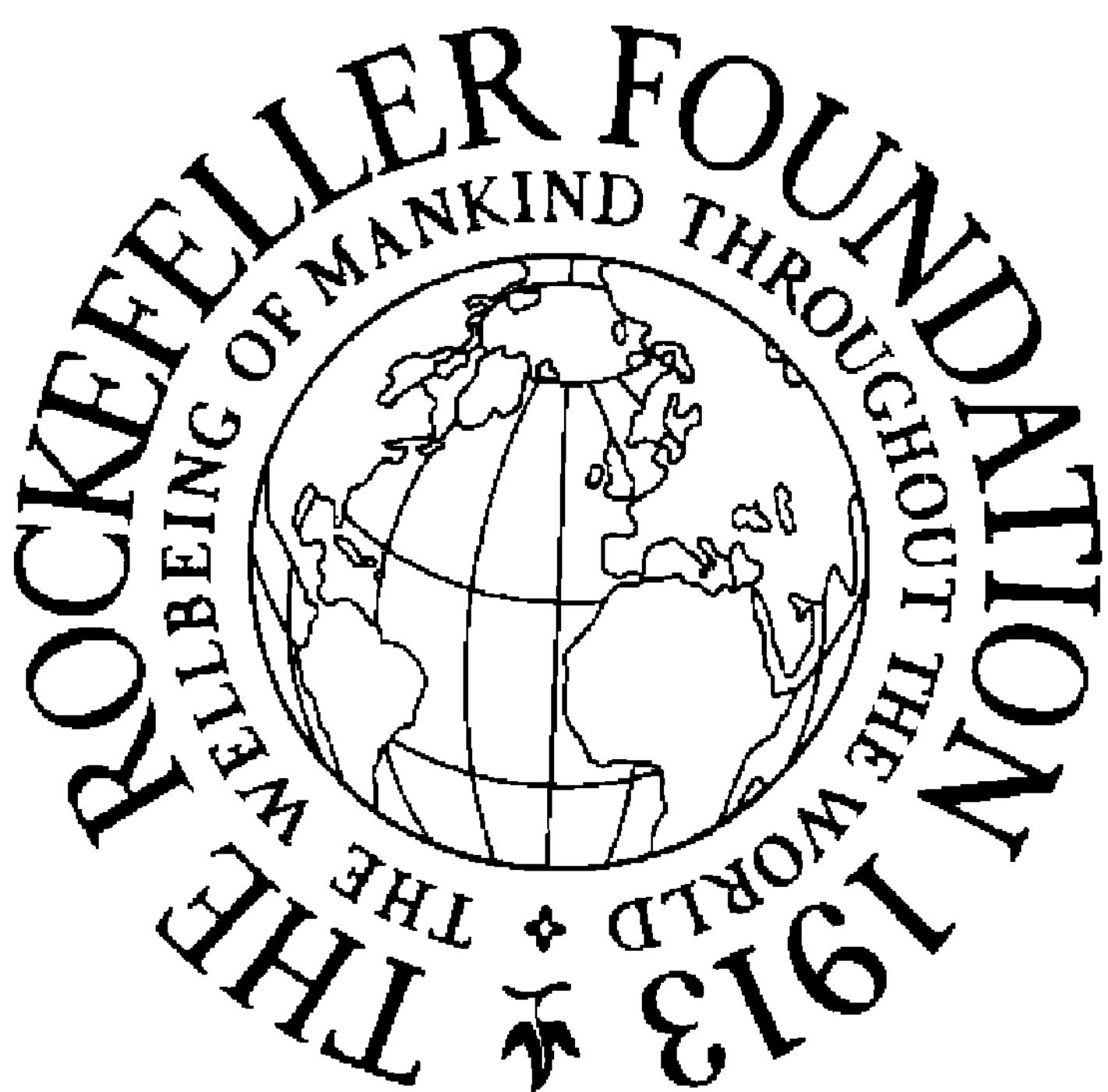
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## AGRICULTURAL ECONOMICS

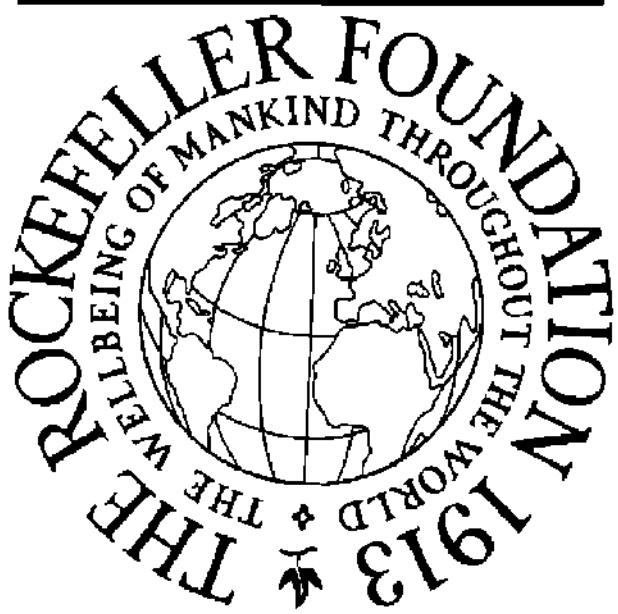
To feed growing populations more adequately, the traditional agricultural systems of developing nations must change. The agricultural sector, however, cannot be approached in isolation. Planning must take into account a nation's total environment: its soils and climate, skills and responsiveness of local farmers, the state of technical knowledge, the availability and relative prices of land, labor, and capital, the incentives of government policy, taxation, and the overall economic framework within which agricultural producers operate. This requires the combined thinking of specialists in agronomy, economics, anthropology, and agricultural economics who together can develop the strategy best adapted to agricultural systems of areas in different stages of evolution. The Rockefeller Foundation has made a grant to Stanford University to support a study under the direction of Professors William O. Jones, director of the Food Research Institute (*right, center*) and Bruce F. Johnston of the institute's staff (*left*) to determine the economic, cultural, and technical determinants of change in tropical Africa. With the cooperation of a considerable number of highly qualified specialists such as Dr. Victor Uchendu, assistant professor at the institute, on leave from the University of Ibadan (*foreground*), the Stanford group is working closely with East and West African officials and university faculties in an effort to formulate general rules for fostering agricultural change, geared to the phase of development in which the African economies are operating.



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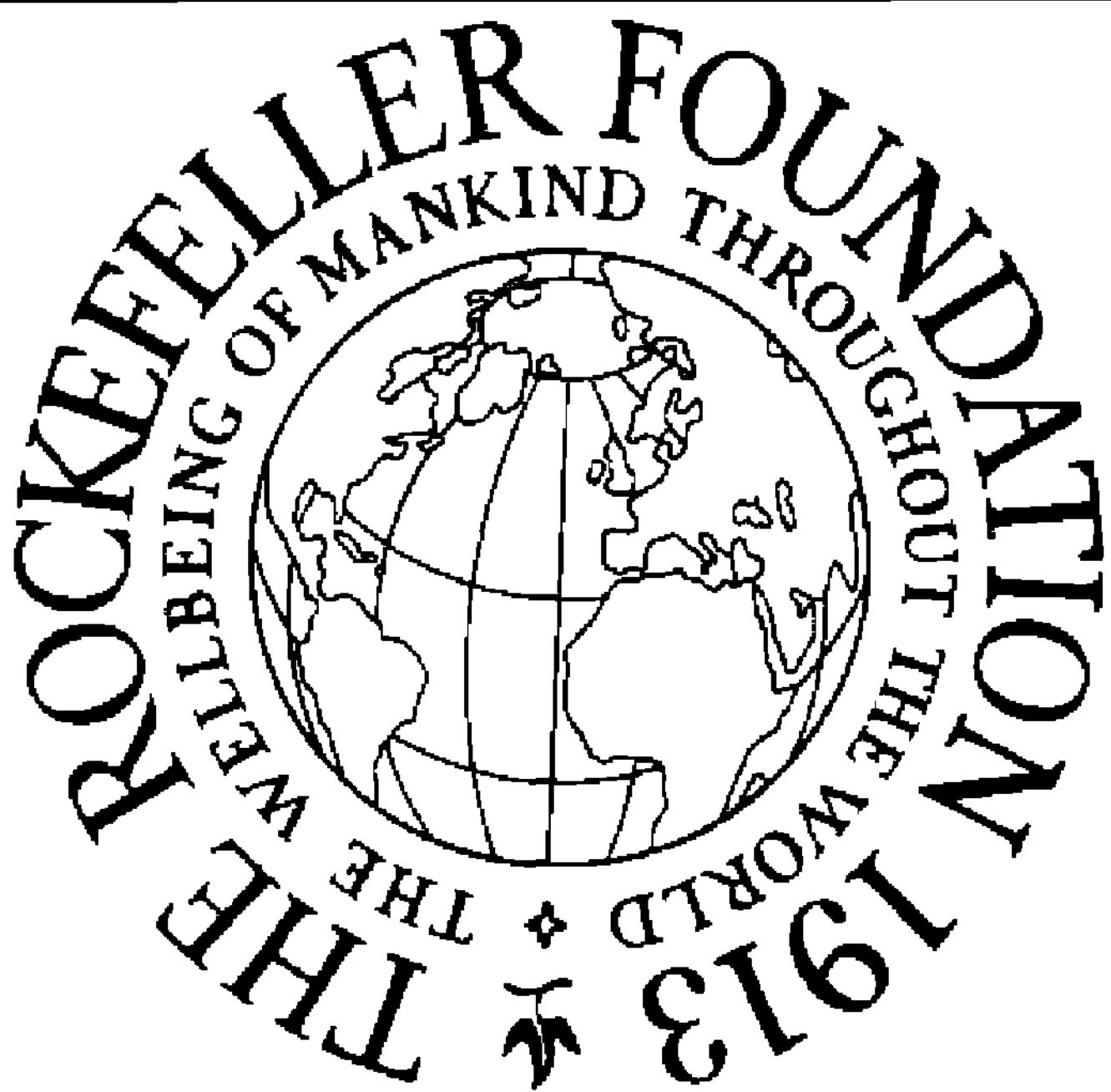


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### SCHISTOSOMIASIS

It is estimated that over 300 million people in the humid tropics around the world suffer from the disabling parasitic disease called schistosomiasis. It is endemic where agricultural populations without adequate sewage disposal systems, such as these West Indians, live in contact with waters harboring the type of snail which acts as a carrier. Where irrigation or drainage schemes are elaborated to improve crops, without control of sanitation, the waters soon become infected, the snails multiply, and schistosomiasis claims new victims. It is urgent that measures for arresting this plague be found, not only to improve world health, but importantly to stimulate agricultural expansion.

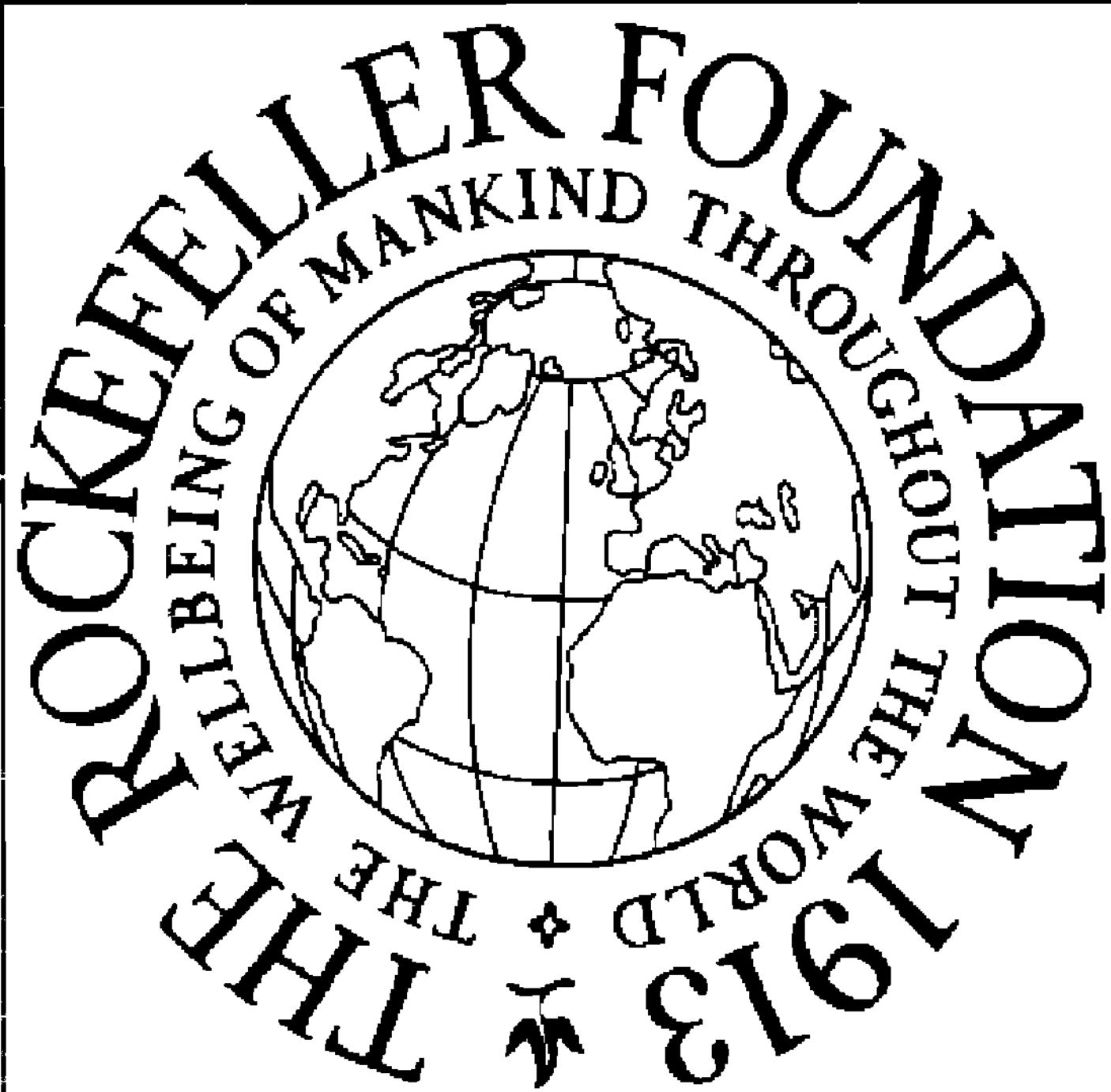
In an intensive long-range effort to discover such measures, The Rockefeller Foundation is collaborating with the government of St. Lucia in the West Indies. Foundation grants to Harvard and the Johns Hopkins universities also support laboratories for research in every aspect of schistosomiasis, and for the training of future specialists in this field.



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## **PROFESSIONAL TRAINING**

Implicit in the Foundation's agricultural programs in the developing countries is the intention speedily to be able to turn the programs over to well-trained local scientists. The training of scientists and technicians is interwoven in all the activities toward the conquest of hunger. Professional training is fostered in many forms: agricultural colleges, both undergraduate and graduate, are given direct support, and scholarship aid is provided for students to attend them. Foundation staff members are assigned to assist educational institutions in setting up projects or in organizing research and curricula. Promising graduates, such as this young Thai scientist at the International Rice Research Institute, near Manila, are enabled to attend institutions abroad; 289 held fellowships and scholarships in 1964-1965. The Foundation's cooperating programs in Mexico, Colombia, Chile, India, Thailand, Ecuador, Sudan, Kenya, Nigeria, and the Philippines provide in-service training, cooperating closely with agricultural faculties where the trainees are degree candidates. The work of the Mexican program, for example, assisted in the creation in Chapingo of a teaching, research, and extension complex which is the largest in Latin America. The Indian Agricultural Program was instrumental in the founding of the graduate school of the Indian Agricultural Research Institute in New Delhi, and in the recent creation of eight new agricultural colleges by the Indian state governments. Through the Foundation's university development program (pages 77-92), agricultural sciences are strengthened within the general development schemes of the institutions receiving aid.

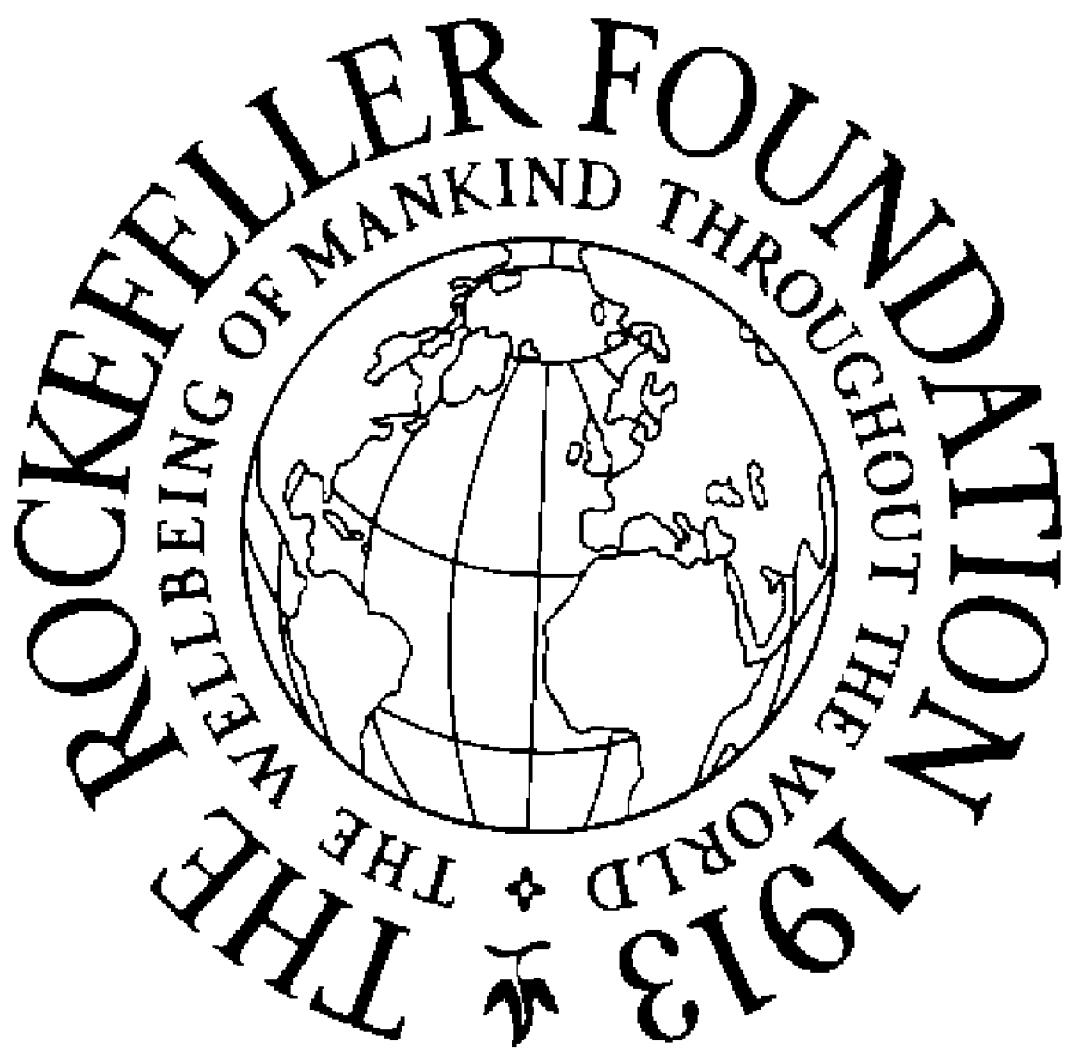


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## PROBLEMS OF POPULATION

THE FOREBODING that humankind may soon be engulfed in its own numbers is today intruding more and more upon men's designs for a better life. We have come to realize that the best-laid plans to overcome hunger and disease, to provide better educational and career opportunities to many more people, to make our environment a more stimulating one, may come to nothing because population increases cancel out hard-won gains. The effect of increasingly serious efforts on the part of governments and private organizations to promote population stabilization is still too slight to be measurable, but unless the present upward trend is checked, the human race may well double its numbers within the next two generations, with catastrophic consequences to countless millions of individuals. The problem must be formulated on the basis of highly complex statistics, interpreted and analyzed by trained demographers, before population policies can be drafted or translated into action programs on a massive scale. The merit of rapid advances in medicine and public health which have dramatically prolonged life expectancy and cut down infant mortality rates in underdeveloped countries cannot be gainsaid; yet in their wake have come hunger and malnutrition as well as social and economic dislocations, in part because demographic science and population control were not integrated with public health campaigns. Modern science is learning that all of its forces must advance abreast, and the grants made by The Rockefeller Foundation this year reflect this interdisciplinary approach. It has supported demographic studies and the training of demographers, while biologists and physiologists are seeking more acceptable and efficient means of limiting reproduction. And as more efficient methods are being sought in the laboratory, the best techniques we have at hand must be made available on a larger scale in areas where population pressures are severe. The Foundation's programs aimed at feeding the hungry, providing professional training, and supporting creative work, are predicated, with qualified optimism, upon the expectation that population growth can be checked by rational measures before all progress succumbs to the sheer weight of numbers.

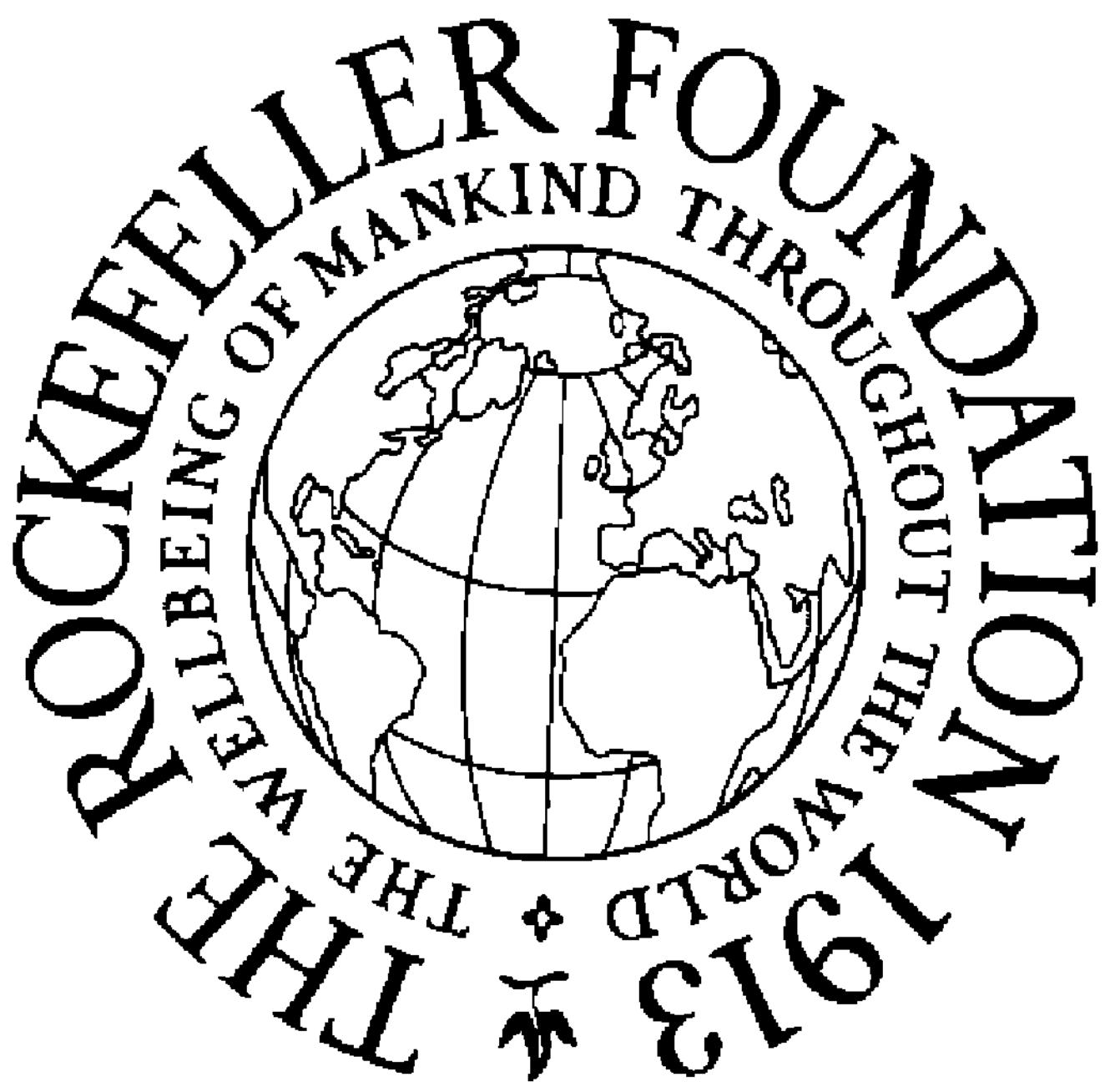


#### DEMOGRAPHY

It is common knowledge that world population is increasing at an alarming rate. It is the job of demographers like Professor Ansley J. Coale, director of Princeton University's Office of Population Research, to break this knowledge down statistically and turn it into meaningful descriptions of what is happening to different sectors of the population, and what changes in economic and social patterns and attitudes are taking place as a result. On the basis of sampling studies, demographers can help define population shifts and stresses in areas where extensive censuses would be impractical and perhaps come too late. This is particularly valuable in developing countries, where demographic analysis is a first step in formulating population control policies.

In recent years, demographic studies and research have been carried out with Foundation support at the University of Michigan, Harvard, Princeton, the University of Chicago, the University of California, Miami University in Oxford, Ohio, and the London School of Economics. Many of the grants to foreign universities also support demographic research within the framework of social science departments or specialized institutes. In another approach, demographers trained by the Foundation-supported fellowship program of the Population Council will be available to governments for consultation and field work.

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### PHYSIOLOGY OF REPRODUCTION

Population specialists working in the field against obstacles that are sometimes disheartening, look to the laboratories of scientists like Claude A. Villee, Jr., who is Professor of Biological Chemistry at Harvard University, to evolve a means of voluntarily limiting births which can be applied simply and cheaply, and which might eventually find universal approval. None of the family planning methods in current use can easily be extended to the vast populations where birth rates are the highest. Some methods are not socially acceptable to every community; others require a minimal understanding of the ovulatory cycle, or the availability of trained technicians and supervision by professional personnel.

Before the ideal solution can be found, a broader and deeper understanding of all aspects of the biology of human reproduction than is currently available must be achieved. Scientists realize that basic research is necessary not only in the obvious fields of neuroendocrine control of ovulation, the chemical and physiological factors involved in spermatogenesis, and fertilization and implantation of the ovum, but also in many related aspects of biochemistry, genetics, endocrinology, physiology, and the behavioral sciences. A Rockefeller Foundation grant to the Harvard Medical School, extending over a period of ten years, is supporting such research and training.



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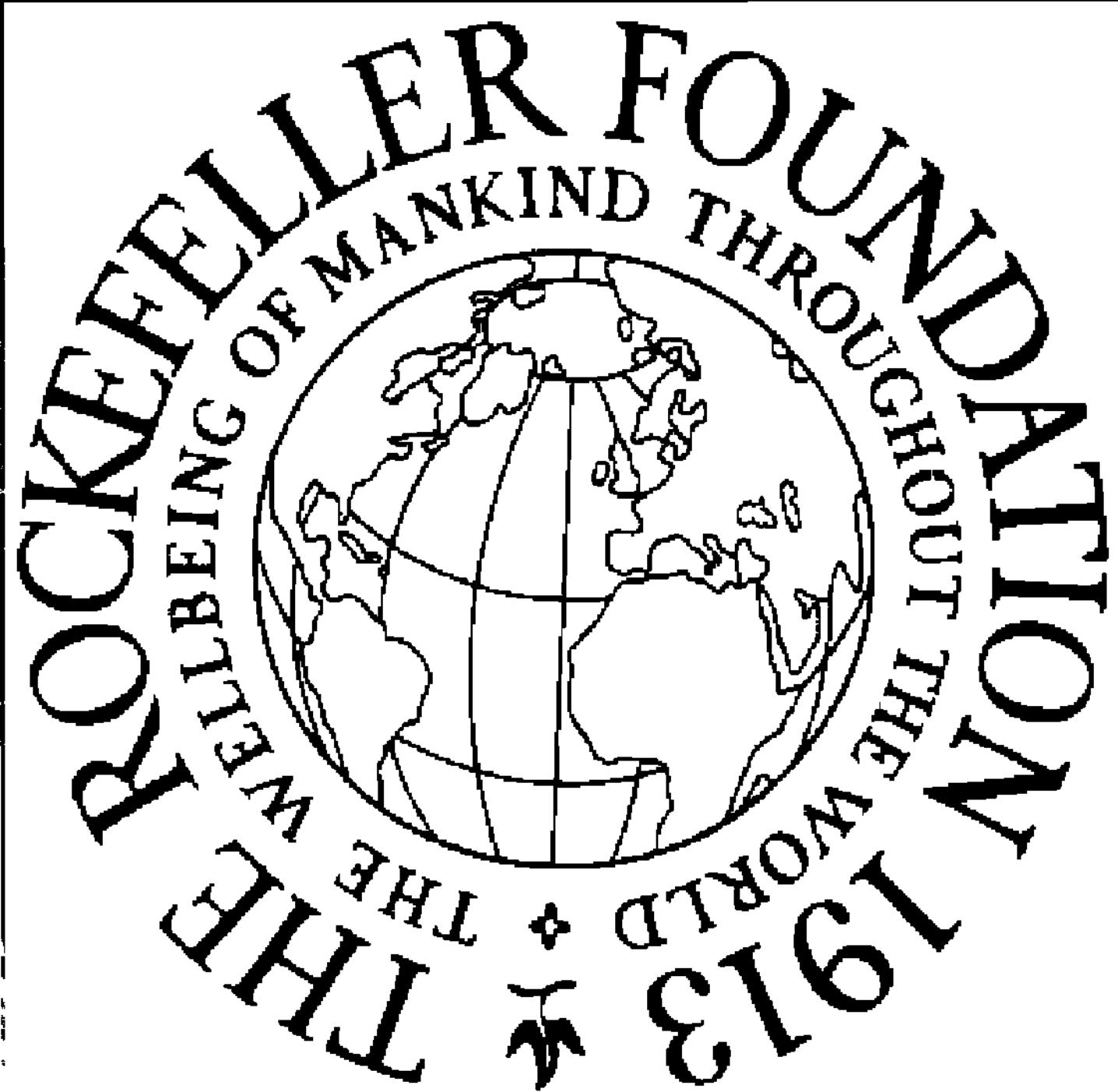


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### TECHNICAL ASSISTANCE

Governments in developing countries, concerned with improving the eroding existence of large numbers of their citizens, face problems which are many and complex. Chief among them is the rapid rate of population growth, which compounds every other ill. A number of countries have adopted official population stabilization policies, and to implement them have turned for help to specialized agencies in the Western nations. In 1965, The Rockefeller Foundation supported active programs through grants to three such organizations which have experience in adapting the work of family planning centers to local conditions.

The Population Council has developed a Technical Assistance Division which provides expert consultants and trained personnel to foreign governments requesting aid. On the island of Taiwan, for example, a highly organized effort is being made, often beginning with home visits by a family planning worker (*right*), to interest the population in family planning. The Foundation also has appropriated funds for the training of family planning workers from foreign countries whose programs the council is assisting. Two organizations with similar interests, the American Friends Service Committee and the Planned Parenthood Federation of America, received grants to support expansion of work in family planning in areas of Asia, Africa, and Latin America where population growth is a serious problem.



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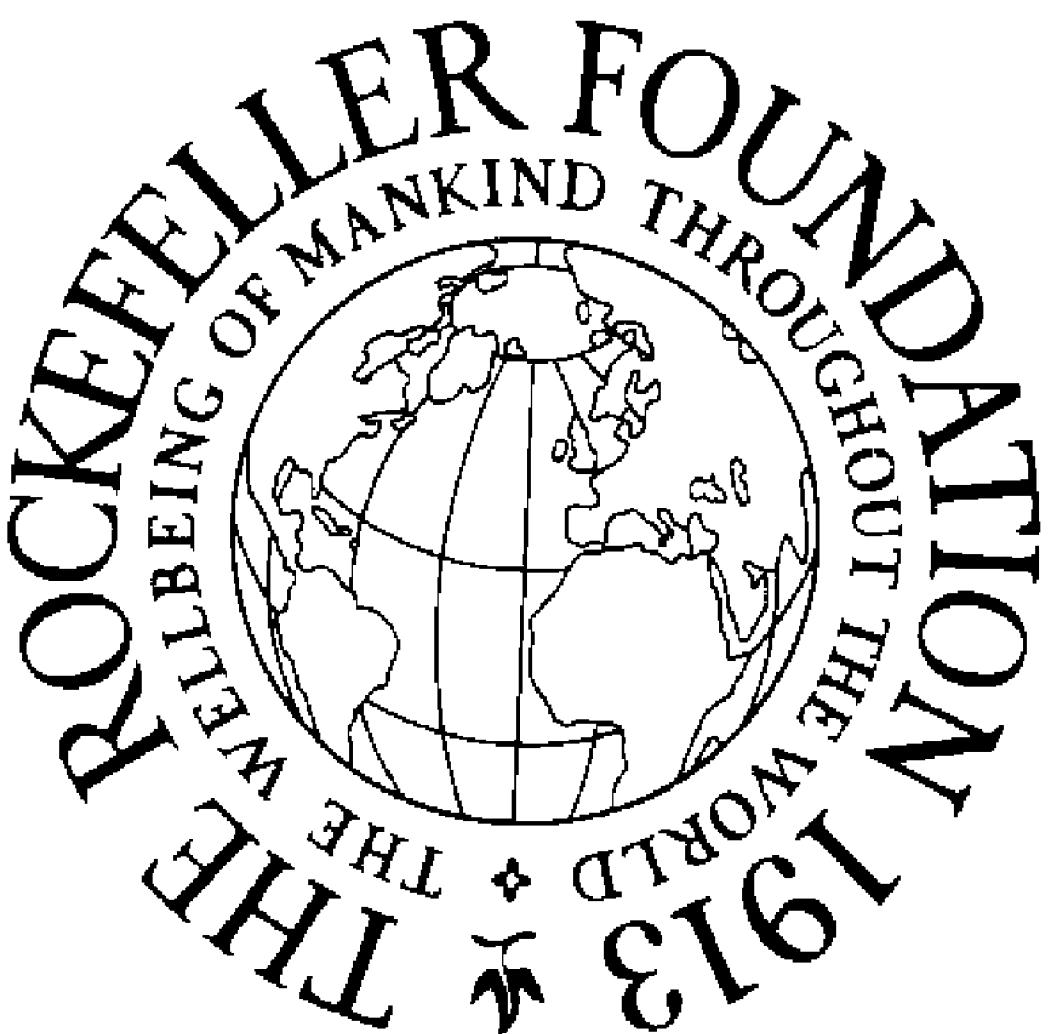
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#### FAMILY PLANNING—RURAL

A high birth rate has traditionally been considered an asset by agricultural populations the world over. Fertility of the earth and of the human race were equally valued as signs of prosperity and plenty. And importantly, children contribute their labor to the family means of livelihood, and are often the only old-age security available to their parents. Modern medicine and child care have diminished infant and child mortality rates to the point where these attitudes might reasonably be changed, but they are too deeply ingrained in vast areas of the world to be altered readily, in spite of the fact that the land cannot nourish the teeming populations dependent upon it. At rural health centers supported by The Rockefeller Foundation at Candelaria, Colombia; Ballabgarh, India; and Igbo-Ora, Nigeria (see also page 94), family planning is being undertaken in conjunction with child health care and efforts to improve nutrition. In India, where family planning receives vigorous official encouragement, Dr. Helen Gideon (*right*) makes herself available for advice to the mothers of three villages in the area of Ballabgarh. Demographers analyzing data from these centers will be able to trace changes in attitudes toward fertility as progress in public health makes its impact on the popular mind.



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#### FAMILY PLANNING—URBAN

The twofold revolution of industrialization and urbanization, which in Europe took place over a century and a half, is being telescoped into a few decades in the emerging nations of Africa, Asia, and Latin America. The resulting pressures are compounded by runaway population growth. Consequently, a major element in any effort to alleviate living conditions as corrosive as those in a poor *barrio* of Santiago, Chile (right), must be an attempt to stabilize the birth rate.

Government-supported family planning centers exist in a number of cities, but more are needed. Where voluntary agencies are operating clinics or demonstration centers, these can usefully be expanded to reach more families.

In Chile, where the disclosure of a high rate of induced abortion among the poor of Santiago pointed up the urgency of the problem, two Foundation-supported pilot projects in family limitation are being conducted by the University of Chile, one in Santiago and the other in Calera, a nearby mining and industrial city. In Colombia, the Foundation is contributing to the support of similar projects instituted by the University of Valle in two densely populated districts of Cali. These centers will compile demographic data over a period of several years, in the hope that their findings will be of use in future family planning programs in urban and industrial environments.

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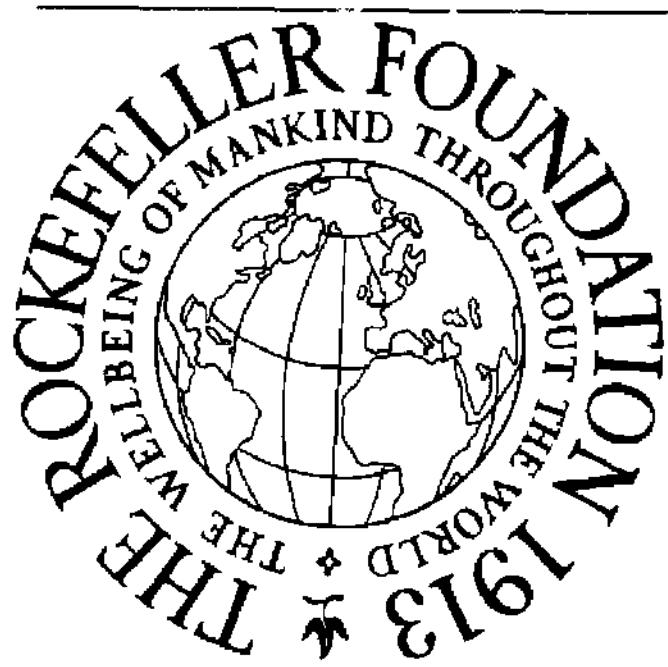


## TOWARD EQUAL OPPORTUNITY

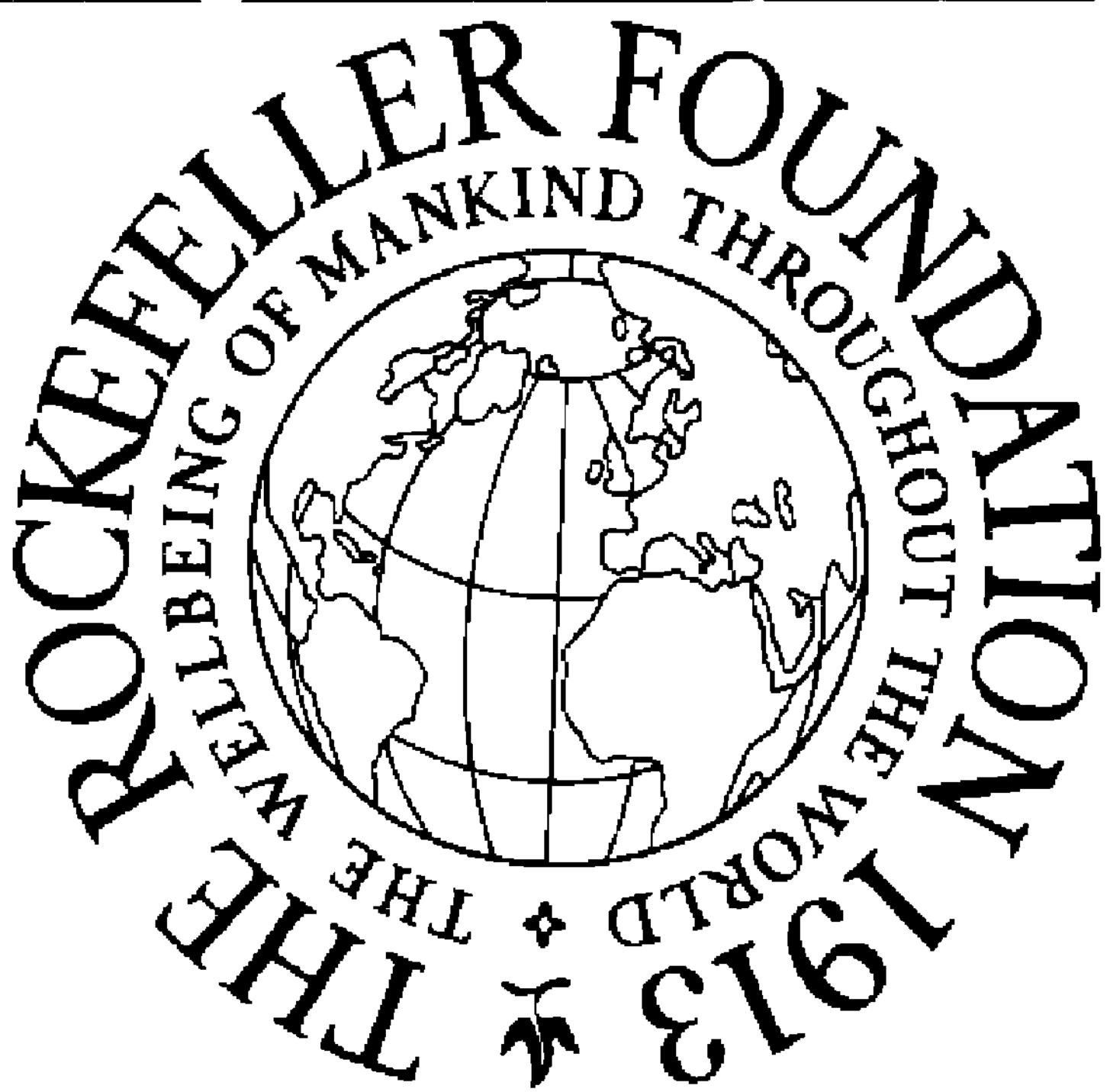
INCREASINGLY, thoughtful men, assessing the cost to the nation of untapped human resources, are hastening the accession of deprived minorities, in particular Negroes, to the mainstream of economic and social advance. The Rockefeller Foundation is concentrating its efforts on projects designed to demonstrate how greater educational opportunities for Negroes and others might be achieved, in the belief that for the long run higher education appears as the most pressing need toward the realization of true equality. One important facet of the Foundation's program focuses on the recruitment of talented but deprived high school students for entrance to outstanding colleges, and the provision of financial aid to help them earn their degrees. Another effort involves identification of promising youngsters who would be unlikely to go beyond high school, and stimulating them to set their sights for college as early as their sophomore or junior year, by helping to make available to them imaginatively planned summer schools. Educational counseling is also receiving support in two Foundation grants. With a view to strengthening education available within predominantly Negro colleges and universities, The Rockefeller Foundation is working out cooperative development programs with a carefully selected few such institutions. The Foundation has also supported several specialized summer institutes which offer further professional training to faculty members of predominantly Negro colleges. The hope is that these efforts will set off a chain reaction in which undergraduates intending to teach will benefit from the specialized training offered their teachers, and upon graduation will go into the grade and high schools and there raise standards, turning out students better qualified for colleges which in turn possess stronger faculties and curricula. A similar aim is served by a grant offering a year of preparation, prior to admission to top-ranking graduate schools, to recent Negro graduates who wish to enter the teaching profession. A more immediate approach to raising the level of undergraduate performance is comprised in a three-pronged program of remedial and enrichment courses being developed at three Southern institutions with Foundation support.

## OPENING DOORS IN SOUTHERN UNIVERSITIES

Universities, particularly in the South, are only beginning to develop systematic means to scout for gifted Negro students and then help them get through college. In spite of considerable strides made toward equal opportunity in these colleges, the traditional patterns of student recruitment and aid largely continue to bypass the Negroes and other deprived minorities. To help bridge this gap, The Rockefeller Foundation made two grants this year to Southern institutions to support programs of talent search and special assistance, in the main for Negro students. Virginia Polytechnic Institute and Mercer University in Georgia have worked out financial aid plans which include loans, self-help jobs, and scholarships, to bring a college degree within the reach of bright youngsters from poor families. Both institutions are setting up machinery for seeking out students in the high schools in depressed areas of their states, and preparing them to do college level work. The Foundation grants will provide part of the scholarship component of the student aid plans. Over the past two years, The Rockefeller Foundation has supported similar projects at four leading private universities in the South, in the expectation that the recruitment and support of promising Negro students will speedily become an integral part of the nation's total educational effort. (*Right, one such student chats with classmates at Vanderbilt University's student union.*)



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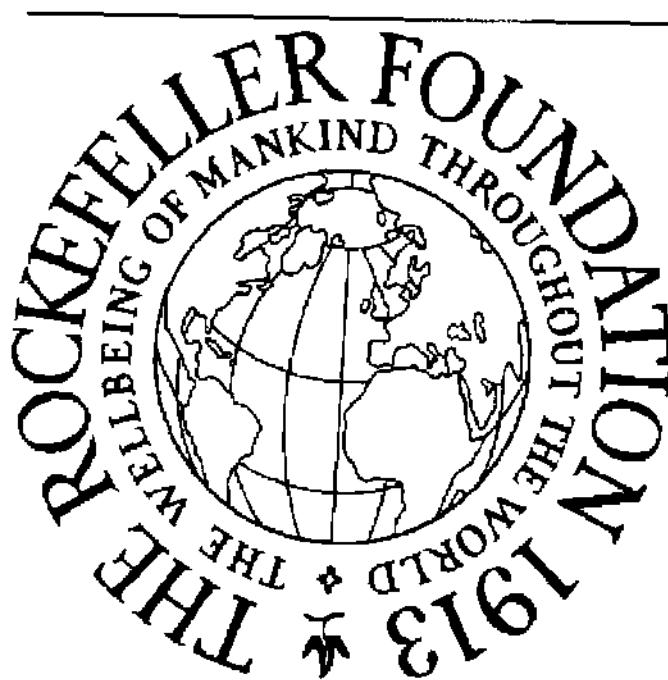


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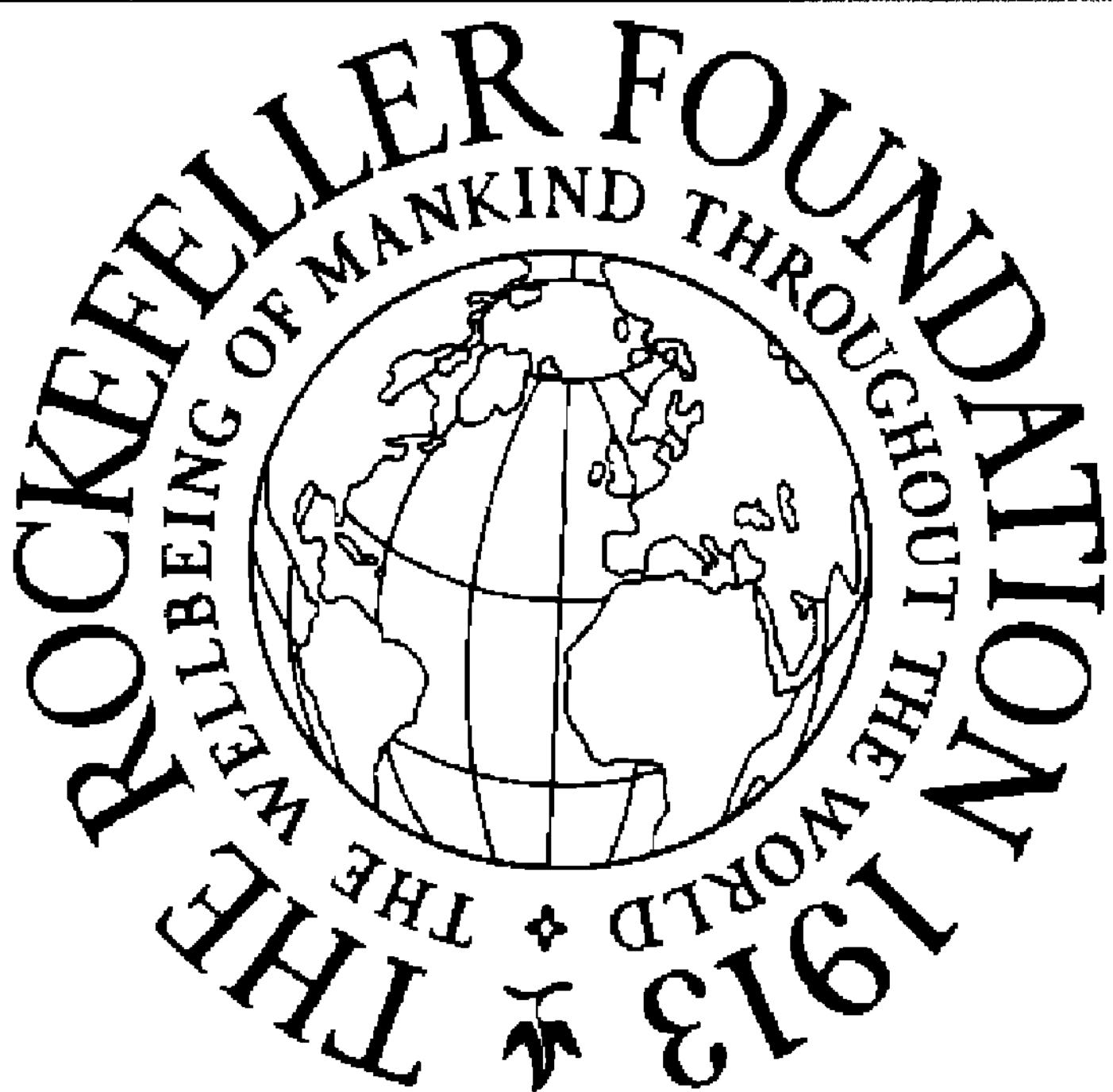
## STRENGTHENING PREDOMINANTLY NEGRO UNIVERSITIES

Even as greater opportunities open up for them in colleges throughout the country, the majority of Southern Negroes who desire higher education must still aim for local, predominantly Negro colleges. The majority of all Negroes with college degrees have studied at such institutions, and it is reasonable to suppose that this situation will not change drastically in the immediate future. It is consequently important to strengthen to the fullest extent possible the higher education offered at those institutions which will draw large numbers of such students, for they train not only the community leaders but also the teachers who are in turn entrusted with the schooling of most of the Negro children in the South.

The Rockefeller Foundation has selected two such institutions, on the basis of strong leadership and a tradition of high aspirations and wide influence, for a continuing period of cooperative development effort. During 1965, funds were appropriated to the Atlanta University Center Corporation and to Fisk University in Nashville, Tennessee, with the expectation that judicious use of funds, and professional cooperation of visiting professors such as economist Philip W. Bell, here shown in a seminar at Fisk, may point the way for other institutions to work out development patterns of their own, and thus raise the quality of education offered to large numbers of Southern Negroes.



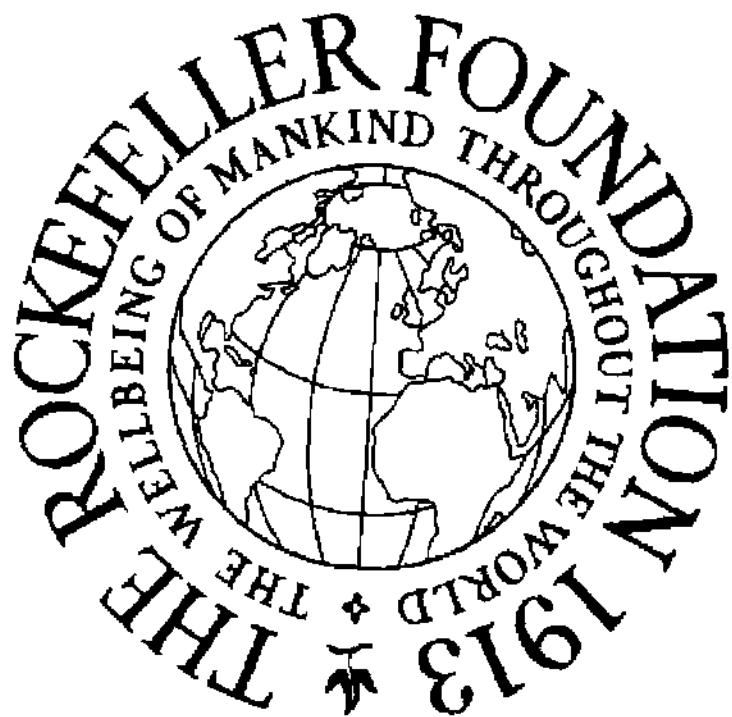
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## GETTING INTO COLLEGE

Boys and girls from minority groups who live in city slums or poor rural areas can seldom visualize the possibilities of college education. For them the social and psychological barriers that block the road to college are often harder to surmount than lack of money. A number of forward-looking institutions are therefore making an effort to seek out youngsters of exceptional promise, especially Negroes, whose environments would normally preclude the ambition for higher education, and to set them on the road to college. Two Rockefeller Foundation grants made this year expanded a program designed to spot potentially able high school students early and prepare them to qualify for college entrance. Under previous grants, a number of institutions have been offering special summer studies (*right, a Princeton classroom*). During 1965 Phillips Exeter Academy, New Hampshire, expanded its program of admitting promising junior high school students to its regular summer school, each group accompanied by a teacher from its area. A summer program at Knoxville College, Tennessee, for students from predominantly Negro high schools in small-town and rural areas of the South, offered counseling and training in study skills, with special emphasis on obtaining high scores in national qualifying examinations for college admission and scholarship aid. Both projects plan teacher workshops and follow-up programs to influence public high schools to steer a larger number of talented students from minority groups toward college.



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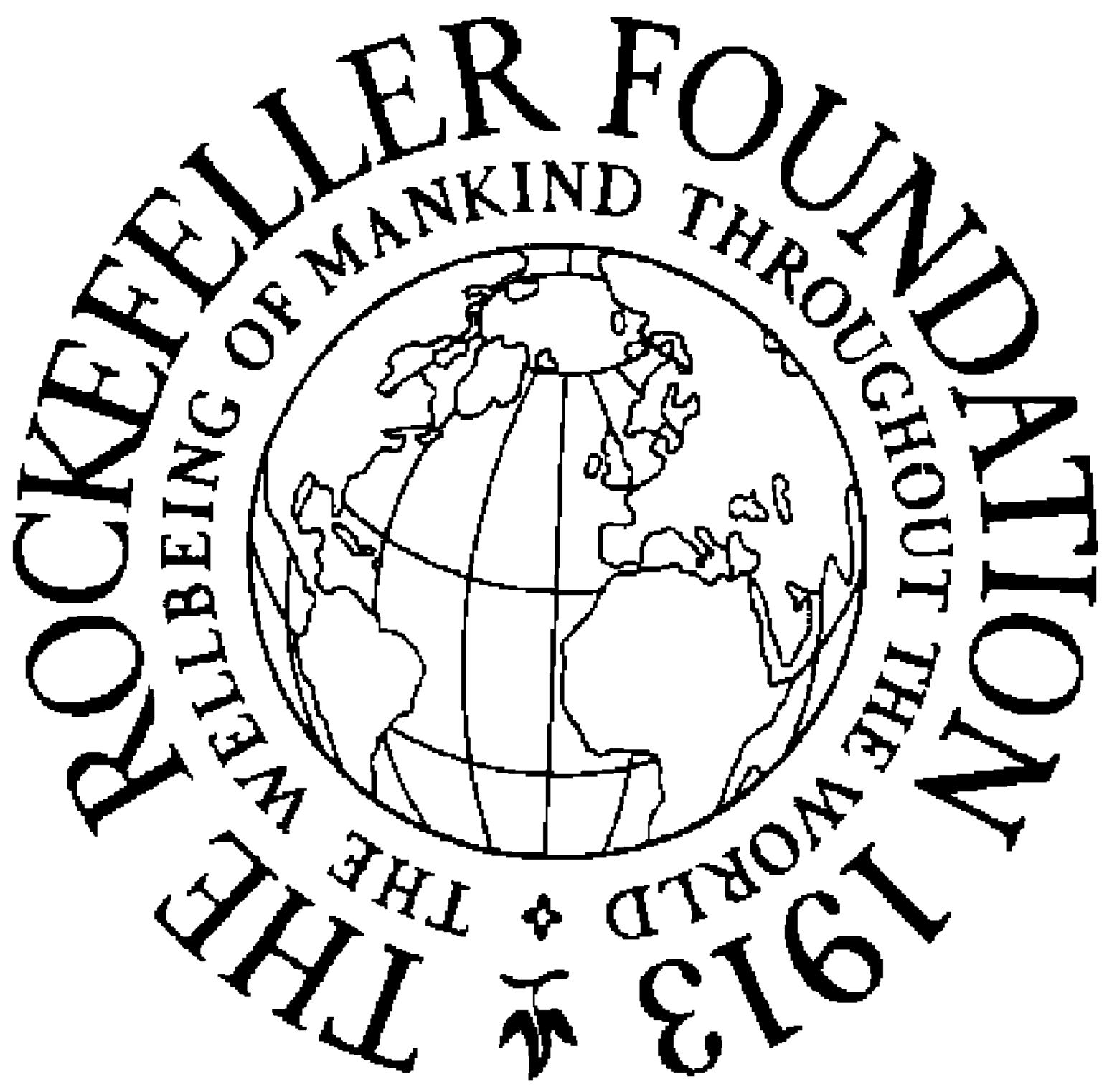
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**PROFESSIONAL DEVELOPMENT  
FOR TEACHERS**

Because the key figure in the educational picture is the teacher, advanced professional training for faculty occupies an important place in efforts to strengthen the academic calibre of predominantly Negro colleges as well as others. Many of these institutions, functioning on very limited budgets, are obliged to recruit some instructors who have little or no graduate training, and other faculty members are too seldom in a position to keep up with the latest developments in their fields. To help the colleges concerned reduce these limitations, three types of summer graduate study programs were offered this year with Rockefeller Foundation support: An ad hoc committee of the American Council on Education, with administrative help from Educational Services Incorporated, Watertown, Massachusetts, arranged a program of summer institutes including one in English at Indiana University (*right*), one in economics at Wayne State University, Detroit, Michigan, and one in business administration at New York University, for teachers drawn mainly from the faculties of predominantly Negro colleges. Wesleyan University in Middletown, Connecticut, took steps to enroll more Negroes in its summer graduate school for teachers. A somewhat different approach was made by Haverford and Bryn Mawr Colleges in Pennsylvania and Oberlin College in Ohio, which arranged a transitional year of study between college and graduate school for selected Negroes planning to prepare for teaching careers.



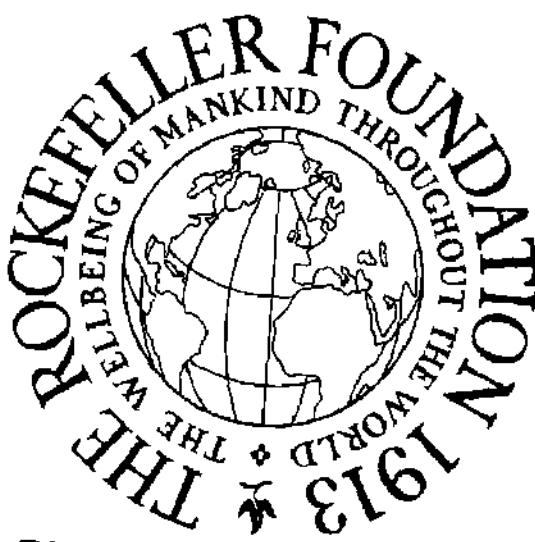
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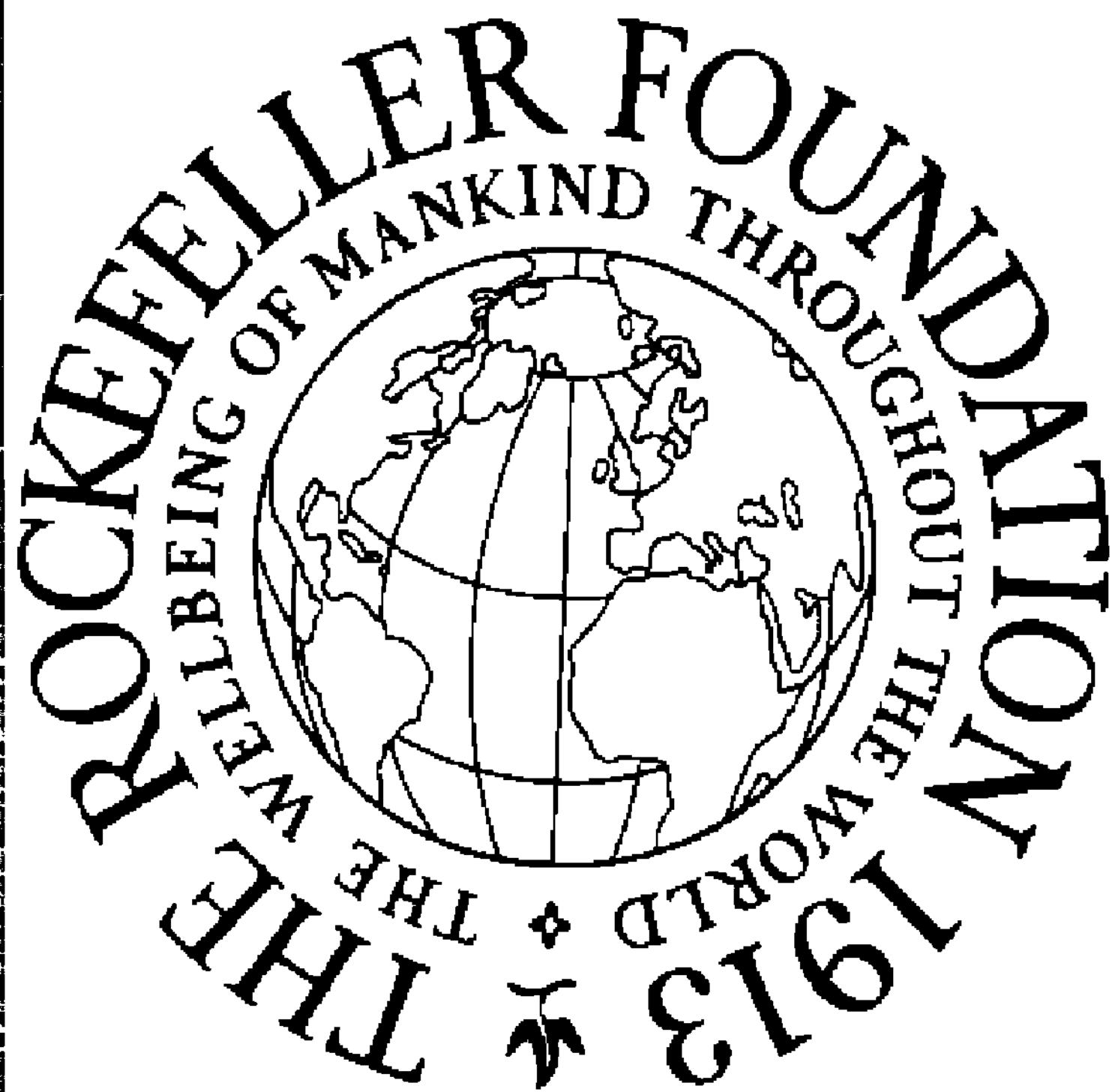
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## BETTER-PREPARED FRESHMEN

Another approach to strengthening education supported by The Rockefeller Foundation consists in programs of supplementary studies for freshmen. Many institutions of higher learning, especially in the South, face the immediate problem of educating large numbers of Negro high school graduates who academically are not really ready for college. Undergraduate work, with its emphasis on independent thinking and intellectual adventure, comes as a surprise to the kind of student who relies on rote learning, and some candidates have an additional handicap in the lack of basic language and mathematics skills. Understandably, educators are as reluctant to turn down applicants of native ability but weak preparation as they are to lower academic standards to the least common denominator. To solve this dilemma, several colleges have instituted a series of pre-freshman summer courses, tutorial seminars during the first year, and post-freshman follow-up studies, in an effort to improve entering students' skills and broaden their intellectual horizons. Grants were made by the Foundation to Tuskegee Institute, in Alabama, and Hampton Institute, in Virginia (*right and below*), in support of this type of remedial and enrichment work, in the hope that the programs will raise the level of undergraduate performance in these schools, and also serve as a model for other colleges with the same problem.



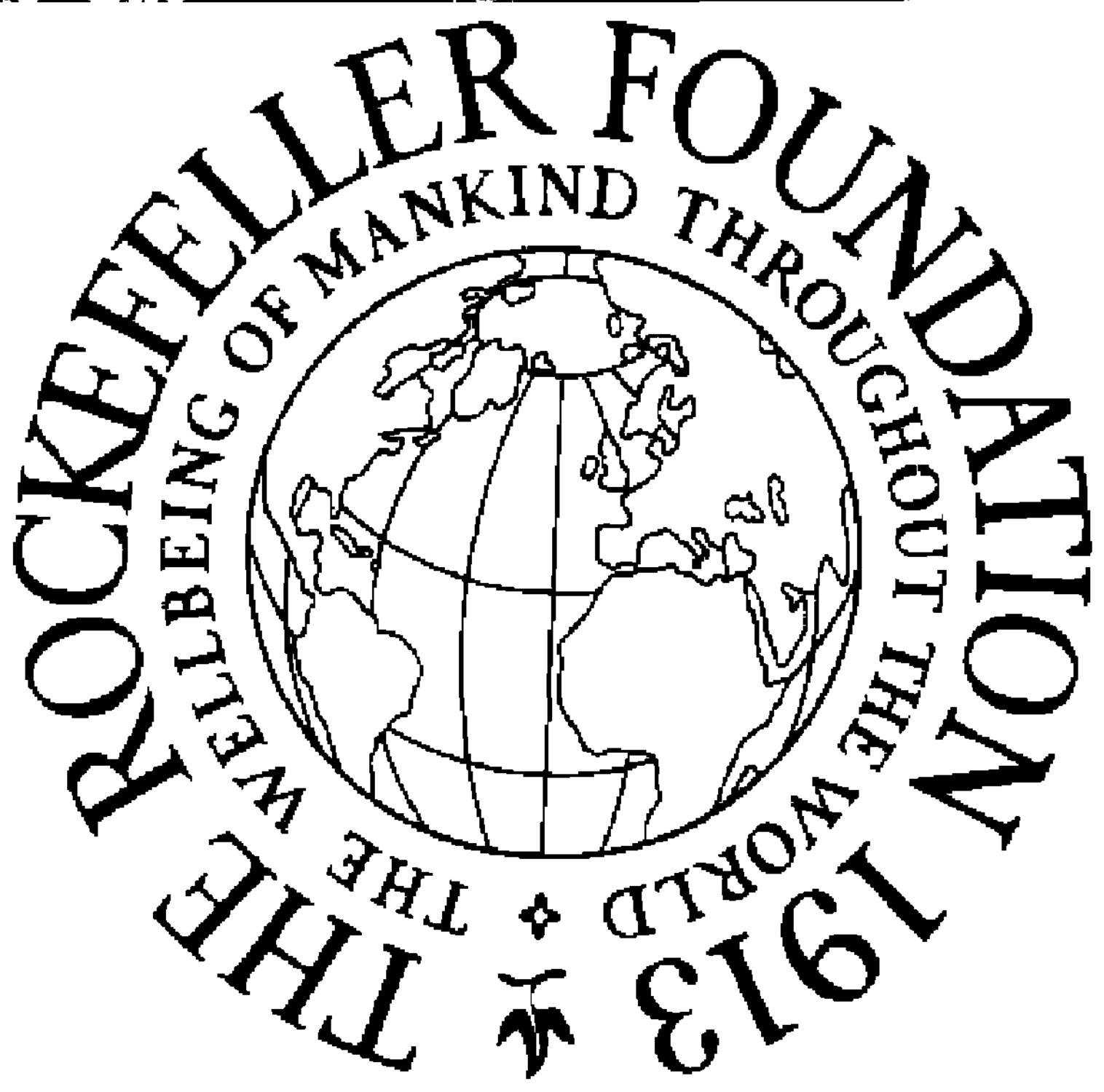
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## **STIMULATING INTEREST IN THE PROFESSIONS**

One of the basic goals in The Rockefeller Foundation's equal opportunity program is to speed up the pace at which members of minority groups move into influential positions in the professions, in business and in government. Qualifying more minority group members for the best in education is indispensable as a first step, but sometimes additional prospects must be provided to overcome the inertia and closed doors of the past which still keep Negroes and other minority groups from actively seeking to advance themselves. The field of law is a case in point: fewer Negroes aspire to legal careers than to any other of the major professions. A 1965 Foundation grant to the Law School of Harvard University (*right*) supported a project designed to encourage Negro undergraduates from Southern colleges to consider studying law after graduation. A summer of orientation, including study, informal talks, and visits to courts and law offices, was arranged for interested students, to introduce them to the different aspects of a law career. This program is seen by the Foundation as part of its wider effort to increase the number of Negroes who assume positions of responsibility and leadership in our country.



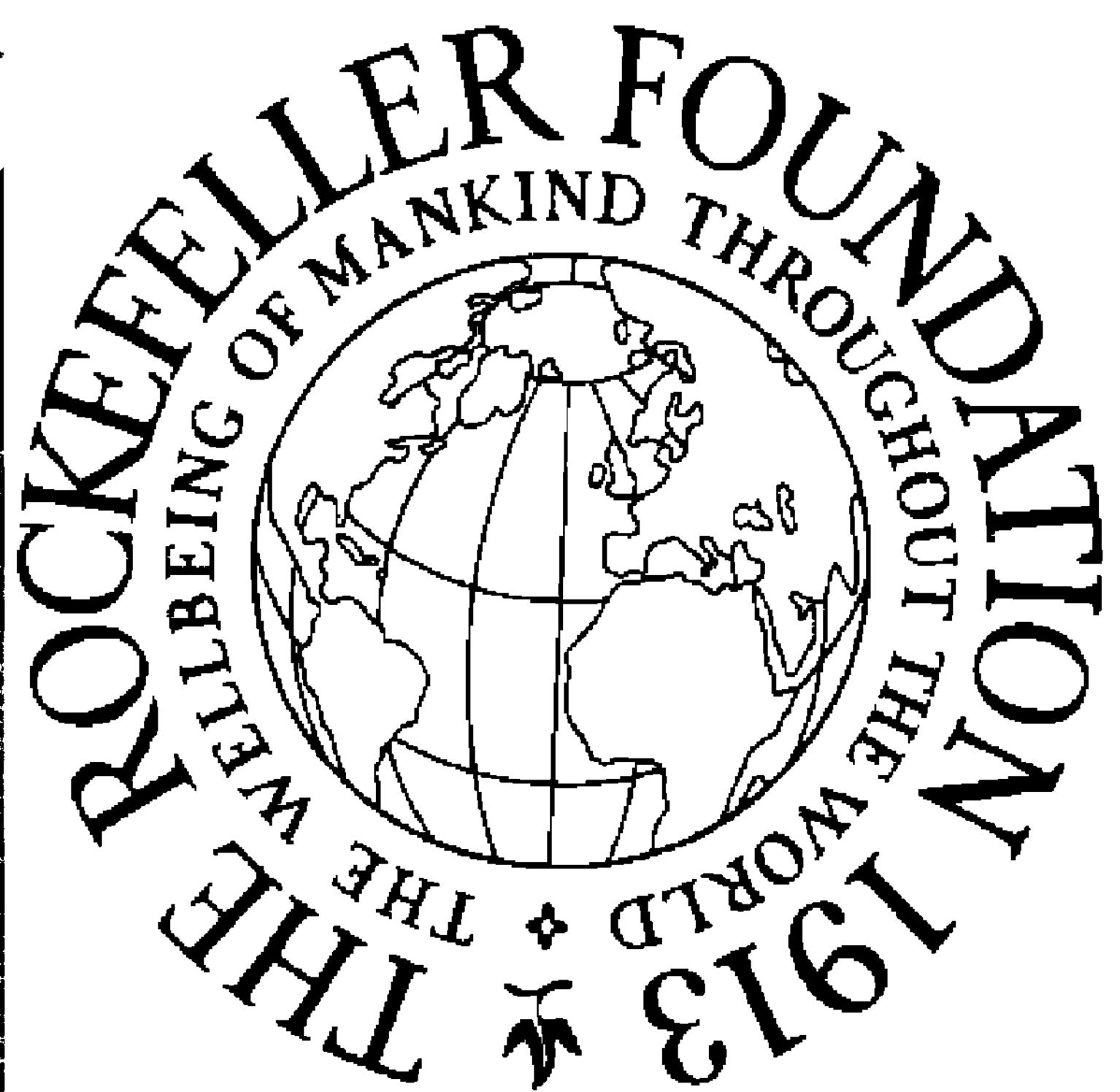
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## **IDENTIFICATION AND COUNSELING**

The tensions and deprivations of slum life impose great, sometimes insurmountable handicaps on high school students growing up in segregated, low-income areas of large cities. The chances are that many will stumble into unsatisfactory jobs with almost no opportunities to realize their potential talents, unless at some crucial point they are offered real understanding and guidance. This is The Rockefeller Foundation's hope in supporting a counseling program for high school students from depressed areas planned by the Friends Neighborhood Guild in Philadelphia (*right*), an organization which has a long history of constructive and imaginative community work. The project will help young people discover and cultivate their own aptitudes and interests through professional tutoring and counseling, so that they can at least visualize the possibility of fuller and more meaningful lives. Strong emphasis will be placed on the value of education; boys and girls will be encouraged to finish high school, and students of potentially superior ability guided toward college. Other young people will be assisted to seek careers in trades, business, nursing, and other fields. With the cooperation of the public schools, the guild will work out an experimental counseling program over a three-year period, in the hope that it may subsequently serve as a model for other urban areas. The Foundation believes that this kind of guidance center can contribute toward the all-important turning point in the aspirations of greater numbers of our cities' young people.



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## UNIVERSITY DEVELOPMENT

IN MANY COUNTRIES of Latin America, Africa, and Southeast Asia, the university is beginning to play an increasingly important role: not only is it fulfilling old and new academic obligations, but it is also responding directly to the complex requirements of societies undergoing the often painful transition from traditional to modern ways of life. In its co-operative programs with a number of key universities in critical areas abroad, the Foundation hopes to help attain two major objectives: first, to assist these universities in developing their resources for training professional people who can assume leadership positions in private and public life, and second, to help structure institutions which can contribute to the economic and social development of their areas.

Clearly, a fundamental step toward developing such universities must be the formation of a core of local scholars around which effective academic forces can be built. Advanced study and research abroad are therefore made available to faculty members, and a program of scholarships and fellowships is designed to contribute to the training of men and women who plan to continue university teaching and research upon returning to their own countries.

Until a sizeable body of highly trained local scholars is formed, the universities are strengthening their staffs with outstanding visiting scholars and teachers. In response to requests from the universities, The Rockefeller Foundation is underwriting a number of such appointments, and is assigning field staff members to help university leaders develop important departments, and to assist in administration, teaching, creating teaching materials, and expanding scientific research.

The universities which are now receiving long-term development aid are the University of Valle in Cali, Colombia, the University of Ibadan in Nigeria, the University of East Africa, the University of the Philippines, a complex of institutions in Bangkok, Thailand, and the University of Khartoum, the Sudan. In each center, the emphasis is on the development needs of the university, and, beyond this, on the ultimate needs of the country, in areas such as population studies, economic research, political science, and public health and nutrition.



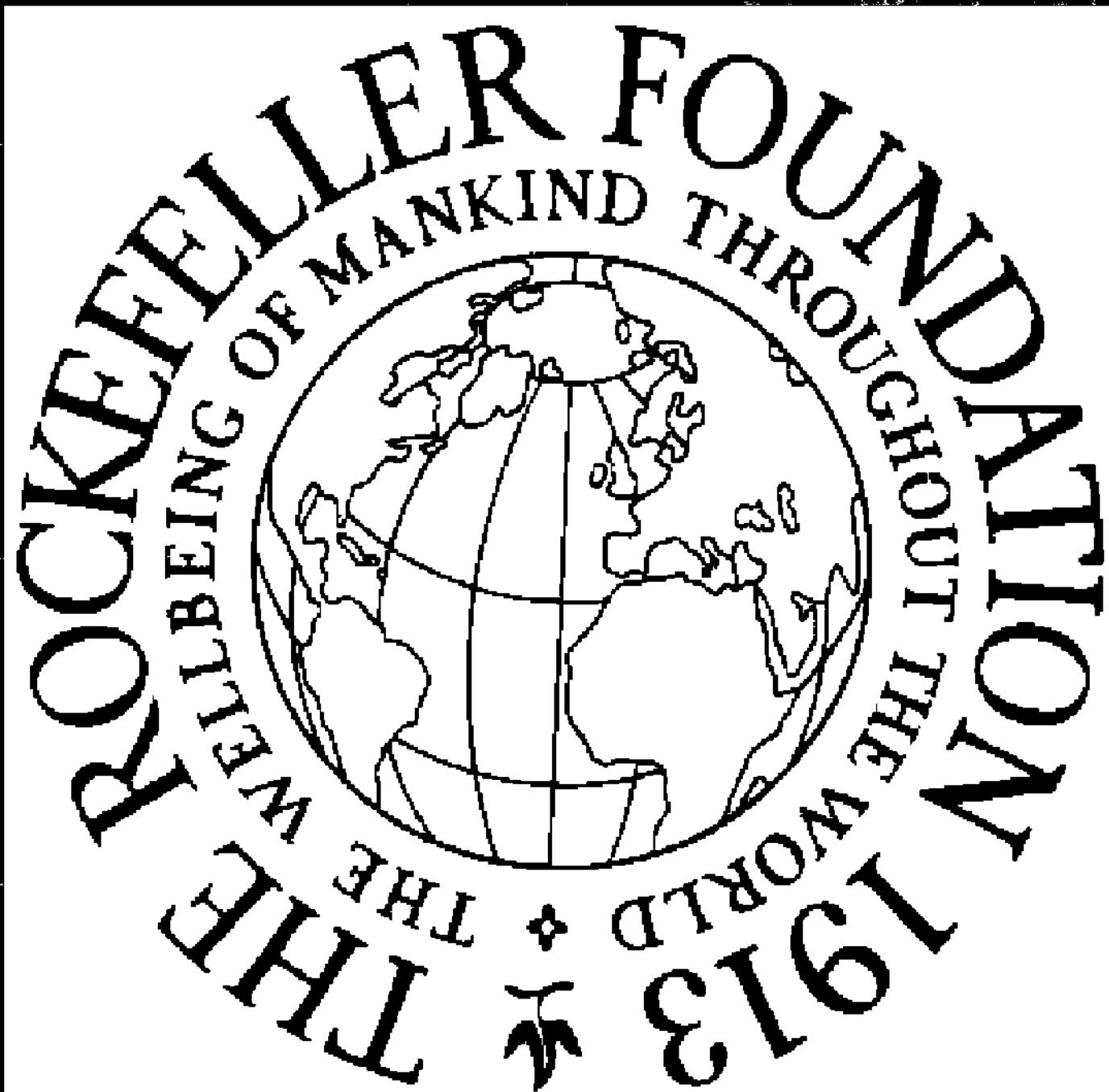
#### UNIVERSITY OF THE PHILIPPINES

In 1962, President Carlos P. Romulo (right, flanked by Dr. Reginald F. Arragon and Dr. Lucien A. Gregg), newly designated head of the University of the Philippines, led his faculty in a scrutiny of the institution's strengths and weaknesses; subsequently a blueprint was drawn to promote revitalization and growth. The Foundation is responding to requests for assistance in agriculture, medicine, and public health, selected departments in the natural sciences, the social sciences and the humanities, and the school of economics. Dr. Gregg, a Foundation officer, is in residence on the Diliman campus for consultation, and Dr. Arragon, a staff member, is currently assigned to the Department of Humanities. Three visiting professors — a psychologist and two political scientists — are on the campus under Foundation grants.

At the university, the chief emphasis has been on human resources. Grants this year have supported research and study undertaken by faculty members; a number of promising younger faculty members have been enabled to do graduate work abroad.

Contributions to future expansion took the form of underwriting the cost of architectural plans for a new science building, and an engineering survey and design for a campus utilities system.

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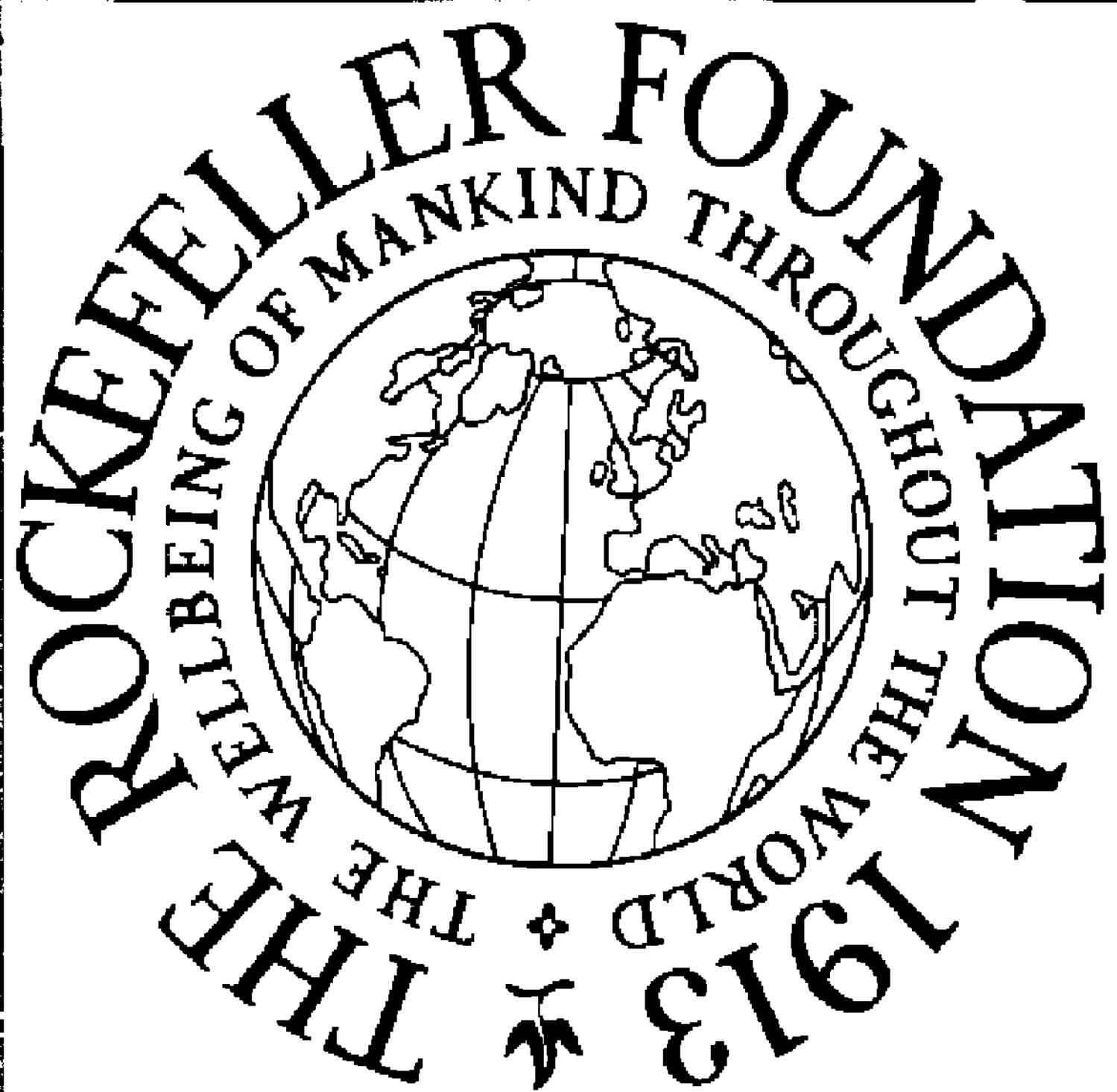
## BANGKOK, THAILAND

The Foundation is cooperating in the development of a complex of universities in Thailand, all located in Bangkok. At Kasetsart University, the principal agricultural university in Thailand, a Foundation field staff member is collaborating with university agronomists in research on rice, corn, and sorghum, as well as undertaking additional academic responsibilities.

At Chulalongkorn University, a visiting professor is assisting in revising the curriculum of the library school and introducing new courses.

The Faculties of Liberal Arts and Economics of Thammasat University have been working with three visiting professors; a staff member has written a philosophy textbook while teaching in the Faculty of Liberal Arts. Those attached to the Faculty of Economics, in addition to their academic duties, have been working with the Thai staff on revision of curriculum and development of the faculty library. All three have helped consolidate administrative procedures and have participated in developing teaching materials.

A Foundation staff member has been working with the Faculty of Medical Sciences of the University of Medical Sciences since 1963 to develop a research laboratory where work is now in progress on nutritional biochemistry (*right*). Another staff member has recently been assigned to assist in evolving a strong basic sciences and graduate program to train Thai scientists and teachers for future medical schools.



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## UNIVERSITY OF EAST AFRICA

The five-year-old University of East Africa, a confederation of three colleges located in Nairobi, Kenya; Dar es Salaam, Tanzania; and Kampala, Uganda, recently completed the first year of a three-year development plan under which each college takes responsibility for undergraduate studies, while graduate and professional training in several fields are shared on specific campuses. The school of law, for example, is located at Dar es Salaam and is open to qualified students, such as this young woman, from all three countries. During 1965, the university focused on expanding and reinforcing the agricultural and veterinary sciences, as well as the humanistic disciplines and social sciences in all three constituent colleges. With Rockefeller Foundation aid, a total of 43 East Africans have been appointed to academic positions in medicine and the basic sciences, the social sciences, and the arts.

Because increased livestock production is of prime importance to the economic advancement of East Africa, the Foundation is strongly assisting the development of the veterinary sciences. Increased support was provided for an economic research center at the University College, Nairobi, which led to the creation of an institute for development studies. Programs of economic research were also designed for initiation at the University College, Dar es Salaam. The university requested field staff members for the Departments of Political Science and Economics at Makerere University College, the Department of Economics at Dar es Salaam, and the Departments of History and Economics at Nairobi. In addition, a Foundation staff member in the agricultural sciences is working at the East African Agriculture and Forestry Research Organization, participating in cooperative programs conducted with the University of East Africa.



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## IBADAN, NIGERIA: UNIVERSITY OF IBADAN

In 1965, as in previous years, the University of Ibadan maintained a position of leadership among academic institutions in Africa. Foundation support went to developments of vital interest within the university itself: faculty was strengthened, additional departments were headed by Nigerian scholars, and the social science curriculum was revised and research expanded. Projects of potentially wide

impact on national development included studies in population research, rural public health, and economic development. Still other programs — virus research and forage crop and corn improvement — reach beyond national boundaries.

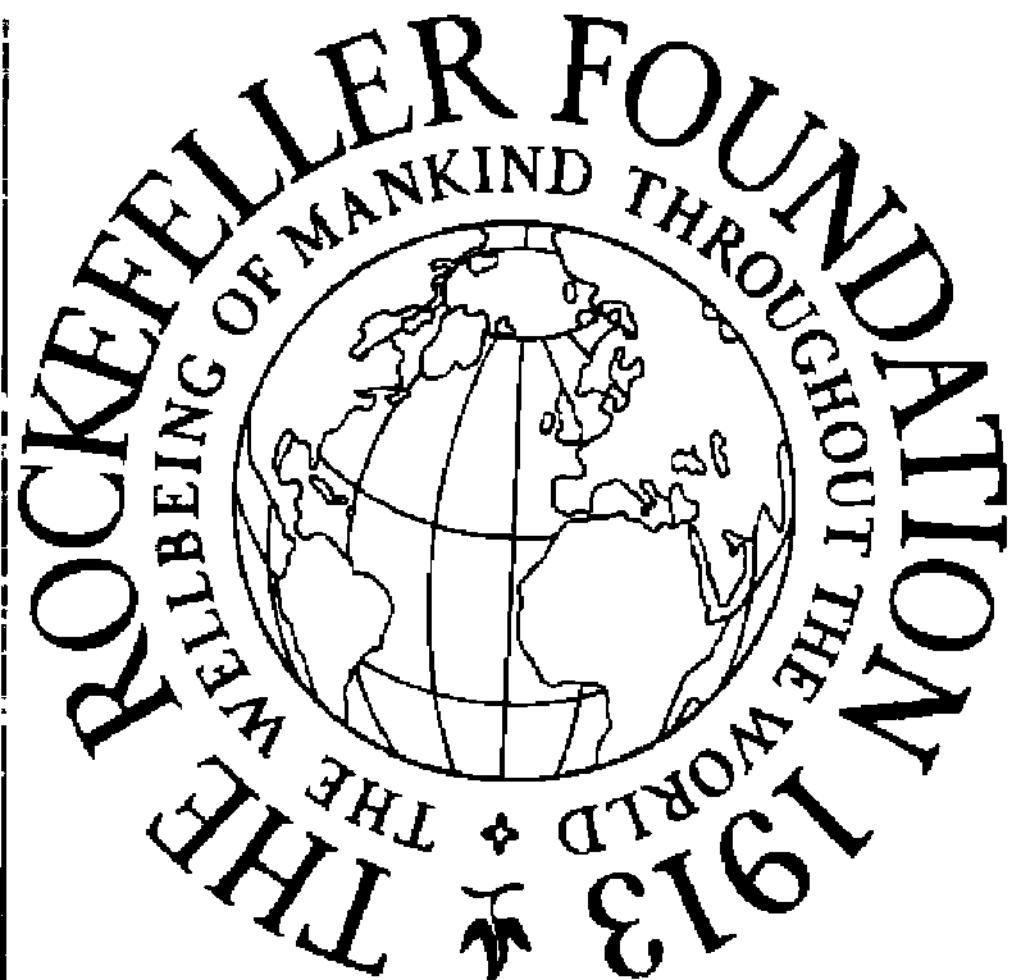
The Faculty of Medicine received support in a number of key fields, among them surgery, psychiatry, preventive and social medicine, rural



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public health, and nursing education. The rural health program located at Igbo-Ora became an integral part of the medical faculty.

Joint studies in tick-borne viruses affecting cattle will be conducted by the Faculty of Medicine and the Faculty of Agriculture, Forestry, and Veterinary Science. A corn breeding project is related to the Foundation's international crop program.



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## **REPUBLIC OF THE SUDAN: UNIVERSITY OF KHARTOUM**

The University of Khartoum, created in 1956, has played an important part in stabilizing the affairs of that country, notably as a focus for cooperation between groups from various sectors of the nation. Over the past ten years, it has grown into a vigorous center of learning and research, increasingly staffed by Sudanese scholars and administrators. The Rockefeller Foundation has contributed to the development of such key faculties as agriculture, veterinary science, medicine, economics and social studies, and the arts; it has helped build a strong central library, and has provided advanced training for academic staff through its fellowship and scholarship program. During 1965, a Foundation staff member in residence carried a full teaching load in the Department of Political Science, and in collaboration with the Sudanese chairman and other members of the department, helped develop a new curriculum and locally relevant teaching materials.

Conscious of its role in national development, the university is orienting basic research around an arid lands program designed primarily to contribute to the economic betterment of the Sudan, and which may ultimately benefit other arid regions. At the university's request, the Foundation furnished a special field consultant (*right*) to help develop the project; two more Foundation staff members may join him in 1966 to assist with the interdisciplinary program.



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**CALI, COLOMBIA:  
UNIVERSITY OF VALLE**

The University of Valle has developed strongly since 1961, when it became the first institution selected for support under the Foundation's university development program. Forward-looking and community-oriented, it has become a lively center of teaching and research, intent on keeping pace with one of Colombia's most rapidly expanding regions.

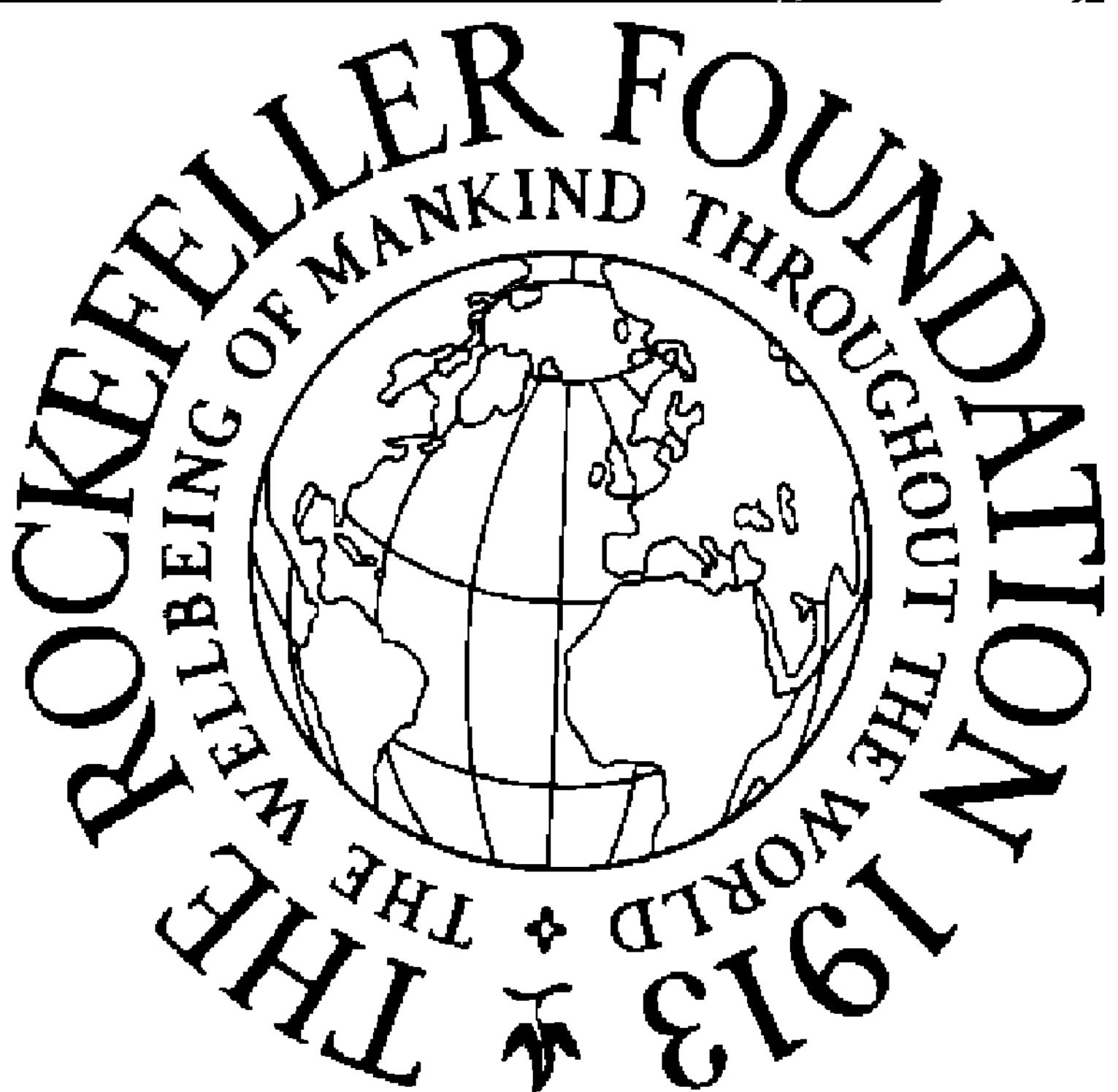
Initially, the Foundation concentrated its assistance on the Faculty of Medicine. A University Medical Center has now been created, coordinating the schools of medicine, nursing, and medical technology with the University Hospital and with several rural and urban health centers. The existence of such a complex offers wide possibilities for teaching and research. For example, medical students, such as the young man awarding a prize to a village mother for an especially healthy baby, are required to spend a part of their training in residence at a rural health post.

A fundamental achievement of the university is its new basic studies program, aimed at raising academic standards in the undergraduate student body, and now required of all entering students; other Colombian and Latin American institutions now have similar curricula. A strong central library reinforces every branch of scholarship.

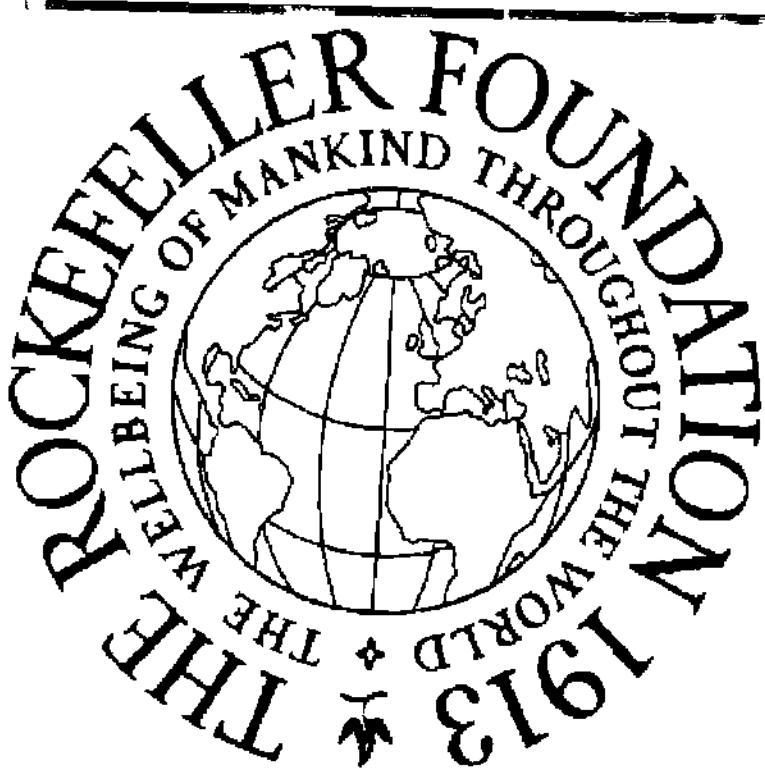
Twelve Foundation staff members are currently in residence, acting in an advisory capacity, teaching, and taking part in faculty and student seminars.



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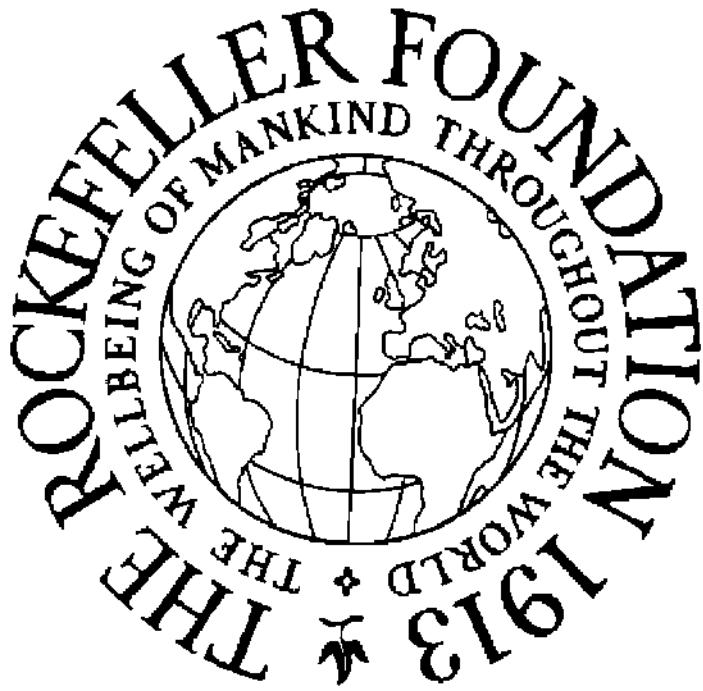
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### CHILE

The Foundation intends to explore possibilities for cooperative developmental relationships with additional universities. This year, for example, intensified support was made available to the complex of educational and research institutions in the environs of Santiago, Chile, primarily to strengthen teaching and research in history and economics. The Foundation expanded its support of the Center for Studies in American History at the

University of Chile (*above*); two members of its field staff are working with local historians and economists in developing the center's research and seminar program in the history of the Americas. Other studies at the university deal with problems of economic growth, land reform, and trade among Latin American nations.

Chilean scientists have assumed direction of an agricultural program, in which Foundation staff cooperated for



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ten years, concentrated on basic food crops, on animal husbandry, and on strengthening professional education, research, and extension work. Chile today possesses a well-planned, solid national research institute which, with the cooperation of specialists in various universities, might eventually develop into a regional center of learning on the order of those selected by The Rockefeller Foundation for long-range assistance.



WHILE THE MAIN EFFORTS of The Rockefeller Foundation are focused on five major programs — conquest of hunger, population stabilization, university development, equal opportunity, cultural development — there remain a number of projects of long-standing interest which do not fall directly within these areas. Three of these are described here: basic studies in international relations, virology research, and rural health centers.

The research program in international relations and diplomacy, designed to create a body of authoritative studies in these fields, particularly in unexplored areas vital to the orderly integration of emerging nations into the world community, has been especially rewarding, with important contributions being made. Attention will now be given within changing programs to persistent problems which beset developing nations. More than 132 scholars received direct or indirect assistance for studies ranging from the moves toward regional unity in West African foreign policy, to the decision-making process within the agricultural sector of the European Economic Community, and to the implications of the Sino-Soviet rift for the Asian communist movement.

The research program on arthropod-borne (arbo-) virus diseases of man is expanding, but Foundation support is gradually being replaced by funds from local sources, both private and public, as laboratories in various centers abroad become part of universities, and local scientists assume responsibility for the work. The Foundation's central laboratory is now operating as part of Yale University's School of Medicine.

The rural health centers initially developed by Foundation field staff are also attracting government and university support in the countries in which they are located. These were set up as pilot operations and demonstration projects, and they have succeeded in stimulating the founding of similar centers under public auspices in several countries. Many of the activities carried out by these centers — nutrition, population control, demographic research, and training of nurses, doctors, and public health workers—receive Foundation funds through grants made in the major program areas. These rural health stations are closely integrated with medical faculties, which are supported as part of the Foundation's general development schemes in selected universities. The services offered by these centers will very probably continue to be expanded as the needs of rural populations grow.

## RURAL HEALTH CENTERS

There is a universal demand in the developing nations for improved health services and for programs to train medical personnel of all types. The Rockefeller Foundation supports rural health centers in Asia, South America, and Africa which combine training and research with demonstrations of medical care; this year increased emphasis was placed on population control.

The nutrition and population control study at the Candelaria Rural Health Center near Cali, Colombia, which helps train medical students from the University of Valle, has served as a model for similar programs throughout the country. A supplementary feeding program to combat widespread malnutrition in preschool children proved remarkably effective. Demographic data is being collected, and couples wishing to limit the size of their families are receiving instruction in the use of rhythm.

In India, a cooperative program based in Ballabgarh, outside New Delhi, serves 85 nearby villages (*right, Kurali Health Centre*), through a central public health station, a district hospital, and numerous sub-centers, manned by residents and interns from the All India Institute of Medical Sciences. A family planning program is concentrating on introducing the Lippes intrauterine loop.

In Uganda, research and training in conjunction with medical services along the same lines as the Colombian and Indian programs, are being developed in the rural health center at Kasangati, near Kampala. Similar services are supported by the Foundation in Nigeria.



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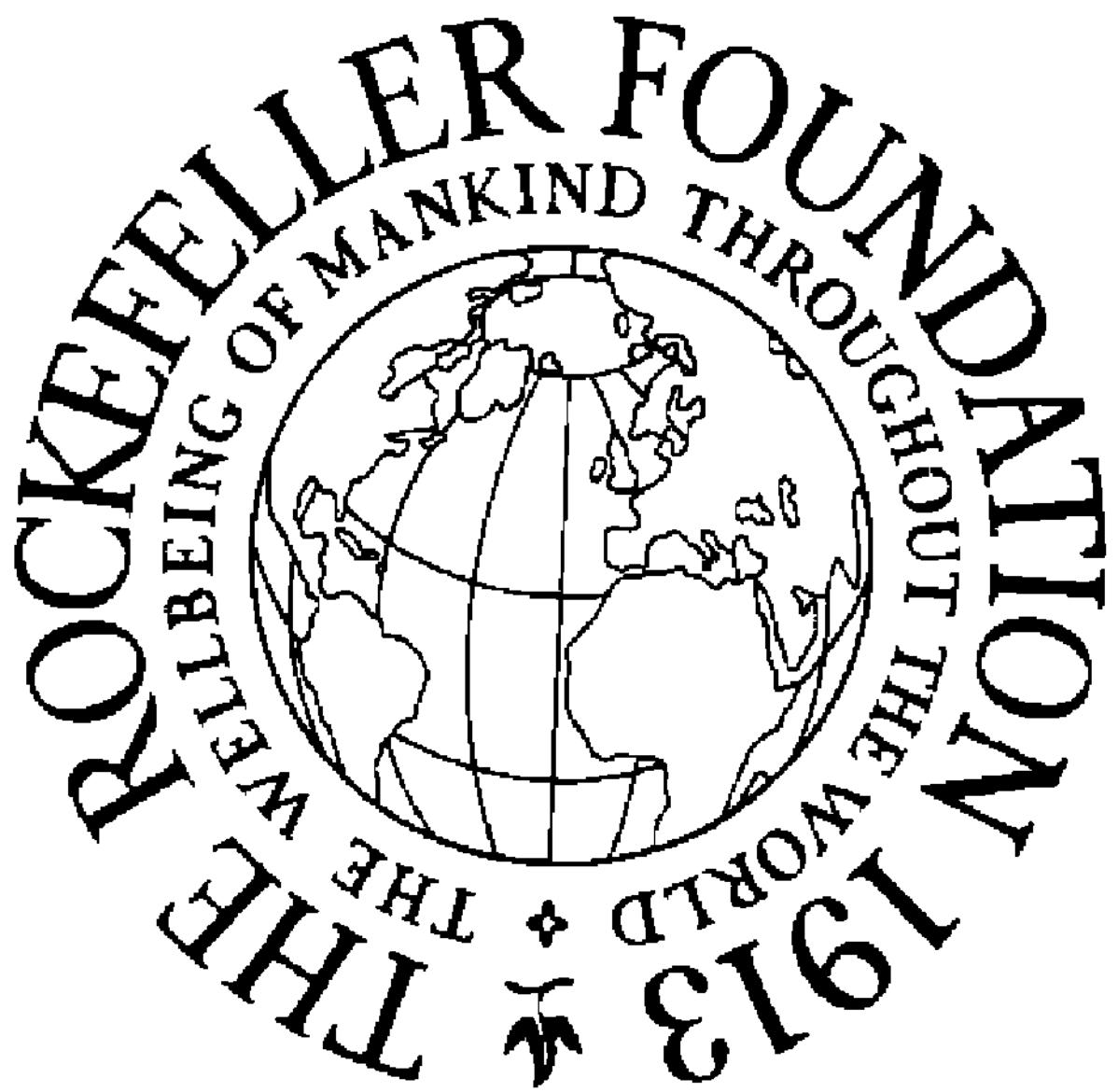
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#### NEW NATIONS AND THE WORLD COMMUNITY

As new nations began to enter the sphere of international politics and diplomacy, and as they sought to develop, often against great odds, new economic structures and political institutions, it became clear that the entire community of nations was involved in their evolution. It also became apparent that the formation of concrete decisions and policies was handicapped by the lack of fundamental knowledge concerning the roots of present-day problems and attacks on analogous situations in the past. Five years ago The Rockefeller Foundation undertook to support studies by eminent scholars in fields related to international relations theory, and emerging political and economic patterns. A distinguished example is the investigation of the political system in Communist China carried out by Professor A. Doak Barnett of Columbia University (right). As more of these investigations are undertaken with a variety of support, the Foundation will focus on studies directly related to the economic development of new and resurgent nations.

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### ARTHROPOD-BORNE VIRUS STUDIES

In 1949, as an outgrowth of its dramatic and successful campaign against yellow fever, The Rockefeller Foundation broadened its research into the viruses carried by ticks, mosquitoes, and other arthropods. Projects located in eight centers in Asia, Africa, the Caribbean region, Latin America, and the United States study the worldwide distribution of these viruses, their genetic and ecological relationships, and their potential for producing disease in man and animals. Five years ago, the Foundation began to integrate its field laboratories with local universities and medical schools: faculties located in Ibadan, Nigeria; Cali, Colombia; Berkeley, California; Port-of-Spain, Trinidad; Belém, Brazil; and Poona and Vellore, India, are now cooperating in virus research with Foundation staff members such as Dr. Ottis R. Causey, head of the Ibadan unit, shown here recovering a monkey exposed to infection.

At the end of 1964, the Foundation's central arbovirus laboratories became a part of Yale University's School of Medicine, in order to consolidate research in a university-based center where virologists can work closely with epidemiologists and specialists in public health. The Yale center is rapidly assuming international importance: the World Health Organization has established it as the international reference center to identify newly isolated viruses from all over the world.



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## STUDY AWARDS

THE ROCKEFELLER FOUNDATION's study awards are integrated with its main areas of interest. Through its fellowships and scholarships, the Foundation seeks to train personnel and to advance knowledge in the medical and natural sciences, the agricultural sciences, and the humanities and social sciences, with the aim of bringing highly trained human resources to bear on the basic problems which limit man's well-being. Awards are made on an international basis to outstanding men and women who have shown promise of making important contributions to their fields of study in their native countries.

During 1965 a total of 697 persons held Foundation fellowships and scholarships; 459 awards that began in previous years continued active into 1965, and 238 new awards became active during the year. Their distribution by program is as follows:

	STUDY AWARDS FROM PREVIOUS YEARS CONTINUED INTO 1965	NEW AWARDS IN 1965	NUMBER OF AWARDS ACTIVE IN 1965
Agricultural Sciences	244	110	354
Medical and Natural Sciences	101	44	145
Humanities and Social Sciences	114	84	198
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	459	238	697

In addition to the fellowships and scholarships awarded and administered directly by The Rockefeller Foundation, several organizations have awarded similar fellowships with funds contributed in 1965 and previous years by the Foundation. The organizations administered a total of 87 fellowships provided for by Foundation funds during 1965:

Population Council	
Demographic	16
Medical	4
Technical Assistance	5
Social Science Research Council	
Predoctoral and Postdoctoral	58
Political Theory and Legal Philosophy	4
	<hr/>
	87

Rockefeller Foundation fellows and scholars in 1965 came from 51 countries:

	PREVIOUS AWARDS	NEW AWARDS		PREVIOUS AWARDS	NEW AWARDS
Argentina	17	1	Morocco	1	—
Belgium	1	—	National Republic of China	2	2
Bolivia	—	1	Nicaragua	1	1
Brazil	26	13	Nigeria	28	10
British Guiana	—	1	Norway	1	—
Chile	32	21	Pakistan	1	1
Colombia	71	28	Panama	1	—
Congo, the Republic of the	—	2	Peru	21	5
Costa Rica	9	1	Philippines	52	40
Denmark	1	1	Poland	3	—
Ecuador	6	2	Rhodesia	2	1
Ethiopia	6	4	Sierra Leone	—	1
France	2	1	Sudan	4	10
Germany	1	—	Switzerland (World Health Organization)	3	—
Ghana	2	—	Tanzania	1	3
Great Britain	4	—	Thailand	24	13
Guatemala	2	4	Trinidad	—	1
Haiti	1	—	Turkey	7	—
Honduras	3	—	Uganda	8	11
India	40	20	United Arab Republic	2	—
Indonesia	4	—	United States	2	2
Iran	—	1	Uruguay	1	—
Japan	8	1	Vietnam	1	—
Kenya	5	7		—	—
Lebanon	3	—		—	—
Malawi	1	—		—	—
Malaysia	2	1		—	—
Mexico	46	27		459	238

The Rockefeller Foundation made available a total of \$4,200,000 for its fellowship and scholarship activities during 1965 and appropriated \$4,200,000 for the awarding of fellowships during 1966.

The Foundation in 1965 continued to appropriate funds for allocation in the form of unrestricted grants to institutions where Foundation fellows and scholars are engaged in study and research. Recognizing that the disparity between universities' expenses and their income from tuition and fees is most apparent at the level of postgraduate study, the

Foundation, since 1958, has made available funds to be disbursed in units of \$1,000 for each full year a fellow spends at a university and \$500 for each half year. The grants are in addition to tuition and other fees paid by the Foundation through its fellowship and scholarship awards. Under this program in 1965, the Foundation sent funds amounting to \$459,500 to 112 institutions in the United States and foreign countries.

Fellows and scholars whose awards became active in 1965 are listed by name and country on pages 159 to 179.

# ORGANIZATIONAL INFORMATION

## MEETINGS

THE ANNUAL MEETING of the corporation and a regular stated meeting of the Board of Trustees were held on April 7; a stated meeting of the Board of Trustees was held on December 6 and 7. Five regular meetings of the Executive Committee of the Trustees were held to take actions within the general policies approved by the Board.

## TRUSTEES AND PRINCIPAL OFFICERS

At the meeting of the Board of Trustees on April 7, Mr. C. Douglas Dillon was elected to the Board. Mr. Dillon had been a Trustee from July, 1960, until he became Secretary of the Treasury in January, 1961. He resigned from that office in March, 1965.

Mr. Rowe S. Steel, Comptroller, retired on June 30, after almost nine years with the Foundation and the General Education Board. He had been Comptroller of both organizations since May 1, 1957. Prior to joining the staff on October 1, 1956, Mr. Steel had served with the Greater New York Fund, the United Defense Fund, and other philanthropic organizations.

Mr. Herbert Heaton was elected to succeed Mr. Steel. Mr. Heaton, the founder and a partner of Herbert Heaton & Co., a New York accounting firm, is a certified public accountant. He has had wide experience in his own and other accounting firms and has been a member of the accounting faculty at Rutgers University.

Dr. Albert H. Moseman, Director for Agricultural Sciences since April, 1960, resigned his Directorship at the end of July and is on leave serving as Assistant Administrator, Office of Technical Cooperation and Research, Agency for International Development. He came to the Foundation as an Associate Director in 1956 and became Deputy Director in 1959.

Dr. Sterling Wortman was elected to succeed Dr. Moseman, effective January 1, 1966. He was Director of the Pineapple Research Institute of Hawaii at the time of his election and had earlier been a Foundation staff member, assigned first to the Mexican Agricultural Program and then to the International Rice Research Institute in the Philippines as its Associate Director.



**GRANTS • 1965**



## AIDING OUR CULTURAL DEVELOPMENT

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### UNITED STATES

ACADEMY OF AMERICAN POETS, New York: support of discussions between American poets and New York public school teachers, and of poetry reading in public school classrooms; \$10,000;

ACTORS THEATRE OF LOUISVILLE, Kentucky: support of its program; \$15,000;

ALASKA FESTIVAL OF MUSIC, Anchorage: performance and instruction by professional musicians; \$10,000;

AMERICAN EDUCATIONAL THEATRE ASSOCIATION, Washington, D.C.: toward its administrative costs; \$15,000 for a two-year period;

AMERICAN PLACE THEATRE, New York: creative, experimental, and operational activities; \$154,000 for a 42-month period;

ARTS COUNCILS OF AMERICA, INCORPORATED, Winston-Salem, North Carolina: toward the costs of establishing national headquarters and securing a professional staff; \$15,000 for a two-year period;

AUGUSTANA COLLEGE, Sioux Falls, South Dakota: to enable Professor Herbert Krause and Assistant Professor William Wyatt to undertake a study of changing social patterns of the remaining United States frontier; \$15,000;

PROFESSOR HENRY BREITROSE, Stanford University, California: to undertake research and writing on the documentary film; \$6,245;

CARNEGIE INSTITUTE OF TECHNOLOGY, Pittsburgh, Pennsylvania: establishment of an advanced training program in theatre; \$115,000;

CONNECTICUT COLLEGE, New London: support of experimental dance productions presented at the American Dance Festival; \$10,200;

MRS. ROSALYN DREXLER, playwright, New York: to devote full time to writing; \$5,025;

**EDUCATIONAL BROADCASTING CORPORATION**, New York: program development; \$250,000;

**FESTIVAL ORCHESTRA SOCIETY**, New York: support of its 1964-1965 season; \$15,000;

**FOLGER SHAKESPEARE LIBRARY**, Washington, D.C.: to enable Professor Edward Weismiller, Pomona College, Claremont, California, to complete his essays and notes on Milton's prosody; \$6,000;

**FRANK GAGLIANO**, playwright, New York: to devote full time to writing; \$5,550;

**MRS. ADRIENNE KENNEDY**, playwright, New York: to devote full time to writing; \$3,150;

**MARLBORO SCHOOL OF MUSIC**, Vermont: contemporary composers program; \$9,950;

**MILLS COLLEGE**, Oakland, California: development of the Mills College Performing Group as a chamber music ensemble in residence; \$15,000;

**MINNESOTA THEATRE COMPANY FOUNDATION**, Minneapolis: training program for teachers of voice for the theatre, directed by Miss Kristin Linklater; \$77,900 for a 15-month period;

**NATIONAL REPERTORY THEATRE FOUNDATION**, New York: further development of its community support and educational programs; \$76,000 for a three-year period;

**oberlin college**, Ohio: summer workshops in performance for public school music teachers; \$315,000 through August, 1969;

**OPERA ASSOCIATION OF NEW MEXICO**, Santa Fe: training program for young singers and conductors; \$15,000;

**OPERA GROUP**, Boston, Massachusetts: support of a production on television; \$15,000;

**PHILADELPHIA COUNCIL FOR THE PERFORMING ARTS**, Pennsylvania: support of the Theatre of the Living Arts; \$14,681 for a 14-month period;

**REED COLLEGE**, Portland, Oregon: establishment of a humanities research center and expansion of its cultural enrichment program for the college and the Portland area; \$336,000 for a five-year period;

**ROGER LEE REYNOLDS**, Hancock, Michigan: to devote full time to musical composition; \$6,650;

**RUTGERS, THE STATE UNIVERSITY**, New Brunswick, New Jersey: development of a program in musical performance, composition, and instruction through establishment of the Contemporary Chamber Ensemble as a group-in-residence; \$265,000 for a three-year period;

**SAN FRANCISCO TAPE MUSIC CENTER INCORPORATED**, California: experimental work in the performing and visual arts; \$15,000;

**SAM SHEPARD**, playwright, New York: to devote full time to writing; \$5,550;

**THEATRE COMPANY OF BOSTON**, Massachusetts: program of presenting new plays; \$14,800;

**TULANE UNIVERSITY OF LOUISIANA**, New Orleans: support for selected aspects of the development program of the *Tulane Drama Review*, under the direction of Richard Schechner; \$57,500 through July, 1968;

**UNIVERSITY OF BUFFALO FOUNDATION**, New York: toward the establishment of a center for music performance and creativity; \$10,000 through May, 1966;

**UNIVERSITY OF CHICAGO**, Illinois:

Experimental production at the university by the Goodman Memorial Theatre; \$15,000;

To enable Dr. Jaroslaw Stetkewycz to continue research in Arabic literature; \$11,500 for a 16-month period;

**UNIVERSITY OF CONNECTICUT**, Storrs: to enable Grandin Conover to undertake research and writing on the New American Cinema; \$6,500;

**UNIVERSITY OF IOWA**, Iowa City: establishment of a center for creation and performance of contemporary music; \$100,000 through June, 1969;

**UNIVERSITY OF MINNESOTA**, Minneapolis: developmental program for advanced creative work in the theatre; \$116,522 through June, 1968;

**UTAH STATE SYMPHONY ORCHESTRA ASSOCIATION**, Salt Lake City: toward rehearsal and performance prior to recording of rarely heard works by Darius Milhaud and Edgard Varèse; \$5,000;

**WASHINGTON DRAMA SOCIETY**, Washington, D.C.: training program for the company of Arena Stage; \$106,500 through August, 1968;

**WILLIAMS COLLEGE**, Williamstown, Massachusetts: expanded program of music education and performance in cooperation with the Berkshire Community Symphony Orchestra; \$48,000 for a five-year period on a part-matching basis.

## *University — Symphony Orchestra Program*

The following universities or symphony orchestras have received grants enabling the orchestras to lengthen their regular seasons, spending the extra time on university campuses performing works primarily by young, lesser-known American composers:

**DALLAS SYMPHONY ORCHESTRA**, Texas, in association with North Texas State University, Southern Methodist University, Texas Christian University, Baylor University, and the University of Texas; \$20,000;

**GOUCHE COLLEGE**, Baltimore, Maryland: Baltimore Symphony Orchestra; \$17,965;

**KANSAS UNIVERSITY ENDOWMENT ASSOCIATION**, Lawrence: Kansas City Philharmonic; \$21,945;

**OAKLAND UNIVERSITY**, Rochester, Michigan: Detroit Symphony Orchestra; \$40,000 through August, 1968;

**UNIVERSITY OF BUFFALO FOUNDATION**, New York: Buffalo Philharmonic Orchestra Society; \$30,000;

**UNIVERSITY OF CALIFORNIA**, Berkeley: Oakland Symphony Orchestra; \$17,514;

**UNIVERSITY OF CHICAGO**, Illinois: Chicago Symphony Orchestra; \$60,000;

**UNIVERSITY OF CINCINNATI**, Ohio: Cincinnati Symphony Orchestra; \$500;

**UNIVERSITY OF HARTFORD**, Connecticut: Hartford Symphony Orchestra; \$10,500;

**UNIVERSITY OF SOUTHERN CALIFORNIA**, Los Angeles: Los Angeles Philharmonic Orchestra; \$20,000;

**UNIVERSITY OF WASHINGTON**, Seattle: Seattle Symphony Orchestra; \$1,600.

## *Creative Writing and Literary Scholarship Program*

**COLUMBIA UNIVERSITY**, New York: Niccolo Tucci, to devote full time to writing; \$8,725;

**CONNECTICUT COLLEGE**, New London: Alan Dugan, to continue writing poetry; \$7,000;

**Miss JOSEPHINE HERBST**, Erwinna, Pennsylvania: to complete an autobiographical work; \$7,500;

**NEW YORK UNIVERSITY**, New York: Edward Adler, to work on a novel; \$10,000;

**PURDUE UNIVERSITY**, Lafayette, Indiana: William Gass, to work on a novel; \$6,000;

**RADCLIFFE COLLEGE**, Cambridge, Massachusetts: Miss Jean Valentine, to complete a book of poems; \$4,790;

**RUTGERS, THE STATE UNIVERSITY**, New Brunswick, New Jersey: Lionel Abel, to write a history of the form of the tragedy; \$10,000;

**SMITH COLLEGE**, Northampton, Massachusetts: J. F. Powers, to work full time on a novel; \$10,000;

**STATE UNIVERSITY OF NEW YORK** at Buffalo: John Barth, to continue work on a novel; \$12,000;

**UNIVERSITY OF CHICAGO**, Illinois: a study of the Chicago poverty program by Dr. Richard C. Stern; \$5,000;

**UNIVERSITY OF KENTUCKY**, Lexington: Wendell E. Berry, to continue work on a novel; \$7,500;

**UNIVERSITY OF MISSOURI**, Kansas City: Edward Dahlberg, to work on a new novel; \$12,000 through July, 1967;

**UNIVERSITY OF NEW HAMPSHIRE**, Durham: Mark Smith, to complete his second novel; \$5,000;

**UNIVERSITY OF NEW MEXICO**, Albuquerque: Robert Creeley, to travel and continue writing poetry; \$6,050;

**UNIVERSITY OF NORTH CAROLINA**, Greensboro: Peter Taylor, to complete a novel; \$13,500;

**WESLEYAN UNIVERSITY**, Middletown, Connecticut: Miss Jean Stafford, to continue work on a novel; \$6,000.

# TOWARD THE CONQUEST OF HUNGER

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## INTERNATIONAL

ROCKEFELLER FOUNDATION Cooperative Program in Agricultural Sciences:

Salaries, travel, and other expenses of Foundation field staff \$1,951,000

### Programs

Colombian and Andean centers	\$228,500
India	391,000
Mexico	115,500
Nigeria	100,000
Philippines	<u>390,000</u>
	<u>1,225,000</u>
<b>TOTAL—Appropriations for 1966</b>	<b><u>\$3,176,000</u></b>

INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES, Turrialba: support of a meeting of Latin American graduate educators; \$3,600;

## ARGENTINA

INC. CESAR J. INDUNI, National Institute of Agricultural Technology, Buenos Aires: to review potato improvement techniques in the United States; \$625;

## AUSTRALIA

DR. PETER G. OZANNE, Commonwealth Scientific and Industrial Research Organization, Nedlands: to travel in the United States to observe work on soil fertility; \$1,325;

WAITE AGRICULTURAL RESEARCH INSTITUTE, University of Adelaide:

Edward D. Carter; to assist with the forage improvement program at the Agricultural Research Institute, Santiago, Chile, and to visit research centers in the United States; \$8,200 for a two-year period;

Dr. R. J. Millington; to visit agricultural institutions in the United States; \$1,700;

## BRAZIL

ENG. JOAO ADELINO MARTINEZ, Institute of Biology, São Paulo: to visit banana research and production centers in Latin America; \$2,500;

### UNIVERSITY OF SÃO PAULO:

Maize research projects and development of the Graduate Division of the Luiz de Queiroz School of Agriculture, Piracicaba; \$300,000 for a five-year period;

Dr. Helladio do Amaral Mello, Luiz de Queiroz School of Agriculture, Piracicaba; to visit forestry centers in the United States; \$2,810;

João Walter Simões, Luiz de Queiroz School of Agriculture, Piracicaba; to study at the Institute of Tropical Forestry, Rio Piedras, Puerto Rico; \$1,008;

Dr. Ferdinando Galli, Luiz de Queiroz School of Agriculture, Piracicaba; travel to the United States to observe extension projects, the coordination of national research programs, and recent advances in plant pathology; \$800;

## CANADA

UNIVERSITY OF MANITOBA, Winnipeg: research on wheat-rye hybrids in collaboration with the Foundation's international wheat improvement project; \$52,500 for a three-year period;

## CHILE

### AGRICULTURAL RESEARCH INSTITUTE, Santiago:

Ing. Jenaro del Pozo Parada, South-Central Experiment Station, Chillán; to visit agricultural research centers in the United States; \$3,000;

Ing. Abraham Ziver Melkonian; to visit bean research centers in the United States; \$2,400;

Sergio Salas (Veas); to collect materials at libraries in the United States, and to attend the International Association of Agricultural Librarians and Documentalists conference in Washington, D.C.; \$2,265;

### UNIVERSITY OF CHILE, Santiago:

Research, directed by Dr. Fernando Mönckeberg, on malnutrition in infants and preschool children; \$15,000;

Dr. Luciano Campos; to observe fruit crop and forage production in the United States; \$3,000;

## **COLOMBIA**

**DR. CANUTO CARDONA ALVAREZ**, Colombian Institute of Agriculture, Bogotá: to attend the meetings of the American Phytopathological Society in Miami, Florida, and to observe plant pathology work and administrative organization at the University of Florida, Gainesville; \$600;

**ROCKEFELLER FOUNDATION** International Cooperative Program in Agricultural Sciences: Colombian program; *see International, above*;

**UNIVERSITY OF VALLE**, Cali: nutrition research program directed by Dr. Alberto Pradilla; \$33,500 for a two-year period;

## **COSTA RICA**

**DR. LUIS C. GONZALEZ**, University of Costa Rica, San José: to study new techniques for the rapid characterization of plant viruses, at the University of California, Berkeley; \$1,700;

**ING. MARIO GUTIERREZ JIMENEZ**, Latin American Association of Plant Science, San José: to travel in Latin America and the United States, and to attend the International Association of Agricultural Librarians and Documentalists conference in Washington, D.C.; \$1,750;

## **ETHIOPIA**

**HAILE SELASSIE I UNIVERSITY**, Addis Ababa:

Development of radio and television techniques for the dissemination of agricultural research information; \$7,500;

Support of research seminars and participation in scientific meetings by staff members; \$5,000;

## **GERMANY**

**DR. HEINZ-DIETRICH MATHEKA**, Ministry of Agriculture, Tübingen: to enable him to serve at the Plum Island Animal Disease Laboratory, Long Island; \$1,200 through September, 1966;

## **GUATEMALA**

**DR. RICARDO BRESSANI**, Institute of Nutrition of Central America and Panama, Guatemala City: to participate in a symposium of the American Chemical Society; \$525;

**JOSE FELIPE DARDON AVILA**, Ministry of Agriculture, Guatemala City: to study potato seed certification procedures at the National Institute of Agricultural Research, Mexico; \$1,450;

**DR. EUGENIO SCHUEBER H., National Institute of Agriculture and Animal Husbandry, Guatemala City; to attend the meetings of the American Phytopathological Society in Miami, Florida; \$450;**

**UNIVERSITY OF SAN CARLOS, Guatemala City:**

Dean Felix Keller Mejia; to visit animal and veterinary science institutions in Latin America; \$1,600;

Dr. Benny B. Norman; to visit animal and veterinary science institutions in Latin America; \$1,600;

Dr. Luis Felipe Rosales P.; to observe the histopathology program at Oklahoma State University, Stillwater; \$1,430;

Dr. Francisco Rafael Vasquez T.; to observe the histology program at Oklahoma State University, Stillwater; \$1,430;

Dr. Oscar Emilio Galvez G.; to participate in an exchange of professors with Oklahoma State University, Stillwater, and to attend the World Congress of Veterinary Food Hygienists, in Lincoln, Nebraska; \$1,170;

Ing. Eduardo Delfino Goyzueta Valenzuela; to visit the Agrarian University, Lima, Peru, to study its organization and operation; \$725;

Ing. Mario Adolfo Martínez Gutiérrez; to visit the Agrarian University, Lima, Peru, to study its organization and operation; \$725;

Ing. Marco Tulio Urízar Montúfar; to visit the Agrarian University, Lima, Peru, to study its organization and operation; \$725;

Dr. Alvaro Adan Morales H.; to attend the World Congress of Veterinary Food Hygienists, in Lincoln, Nebraska; \$610;

Dr. Ernesto Villagrán C.; to participate in an exchange of professors with Oklahoma State University, Stillwater; \$560;

Dr. Otto Ramiro Melgar H.; to participate in an exchange of professors with Oklahoma State University, Stillwater; \$380;

**HONDURAS**

**COOPERATIVE AGENCY FOR RURAL DEVELOPMENT, Ministry of Natural Resources, Tegucigalpa; equipment for its food crop improvement program; \$915;**

**INDIA**

**CENTRAL POTATO RESEARCH INSTITUTE:**

*New Delhi*

Support of research; \$4,500;

*Simla*

Satish Kumar Bhatia; to visit potato research institutions in the United Kingdom, the United States, and Mexico, and to attend the meetings of the Potato Association of America in Mexico City; \$4,290;

Dr. Kishu Dass Paharia; to visit potato research institutions in the United Kingdom, the United States, and Mexico, and to attend the meetings of the Potato Association of America in Mexico City; \$4,290;

DR. AMRIK SINGH CHEEMA, Department of Agriculture of the Punjab, Chandigarh: to visit agricultural institutions in the Far East and South Asia; \$2,250;

**INDIAN AGRICULTURAL RESEARCH INSTITUTE, New Delhi:**

Dr. Shyamsundralal Pradhan; to visit entomological research institutions in the Middle East, Europe, North America, the Far East, and Australia; \$5,975;

Dr. Shrikrishan Sharma; to visit centers of research in agricultural extension and education in Europe and the United States; \$4,800;

Dr. B. R. Murty; to visit genetics research and sorghum improvement centers in the Middle East, Europe, and Africa, and to attend the Mendel Memorial Symposium on Genetics, in Czechoslovakia; \$4,450;

Shripad Pralhad Phadnis; to collect materials at libraries in Europe and the United States; \$2,380;

DR. S. KRISHNAMURTHI, Banana and Fruit Development Corporation, Madras: to visit agricultural institutions in the Middle East, Europe, the United States, the Far East, and Central and South America; \$900;

DR. G. S. MAHAJANI, vice-chancellor, University of Udaipur: to observe land-grant college systems in the United States; \$8,150;

DR. J. S. PATEL, vice-chancellor, Madhya Pradesh Agricultural University, Jabalpur: travel in Europe, the United States, and the Far East; \$7,550;

**PUNJAB AGRICULTURAL UNIVERSITY:**

*Hissar*

Dr. J. S. Kanwar; to visit agricultural institutions in the Far East and Southeast Asia; \$2,250;

*Ludhiana*

P. N. Thapar; to visit agricultural institutions in the Far East, the Middle East, Europe, and North America; \$6,075;

Dr. K. Kirpal Singh; to visit agricultural institutions in the Far East and Southeast Asia; \$2,250;

**ROCKEFELLER FOUNDATION** International Cooperative Program in Agricultural Sciences: Indian program; see *International, above*;

**ARJUN SINGH**, Government of Madhya Pradesh: to observe organizational and administrative procedures at agricultural institutions in Europe, the United States, and the Far East; \$6,650;

**SRI AVINASHILINGAM HOME SCIENCE COLLEGE**, Coimbatore: equipment for nutrition studies; \$11,000 for a three-year period;

**UNIVERSITY OF DELHI**: research in the Department of Botany; \$12,000 for a three-year period;

## **ISRAEL**

**HEBREW UNIVERSITY OF JERUSALEM**: research on ancient agricultural systems in the Negev desert; \$60,000 through June, 1968;

## **ITALY**

**FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS**, Rome: training in Latin America for cereal specialists from the Middle East; \$171,500 through January, 1971;

## **JAPAN**

**INSTITUTE FOR PLANT VIRUS RESEARCH**, Chiba: materials for the library; \$15,000 for a two-year period;

**JAPAN WOMEN'S UNIVERSITY**, Tokyo: library acquisitions; \$15,000 for a two-year period;

**KIHARA INSTITUTE FOR BIOLOGICAL RESEARCH**, Yokohama: support of the hybrid wheat research program; \$15,000 for a two-year period;

**Miss ETSUKO TAKEYOSHI**, International Rice Research Institute, Tokyo: to visit libraries in the United States, and to attend the International Association of Agricultural Librarians and Documentalists conference in Washington, D.C.; \$2,175;

## **KENYA**

**DR. H. R. BINNS**, director, East African Veterinary Research Organization, Muguga: to visit veterinary research and education centers in the United Kingdom and the United States; \$2,500;

**EAST AFRICAN COMMON SERVICES ORGANIZATION**, Nairobi: to enable foreign delegates to attend the Sorghum-Millet-Maize Workshop at Kitale; \$1,000;

**EGERTON COLLEGE**, Njoro:

Scholarships for East African students; \$15,000;

Toward the appointment of African staff members; \$15,000 through July, 1967;

**DR. ANTONIE M. HARTHOORN**, University College, Nairobi: to visit veterinary science centers in England and the United States; \$6,450;

**JAFRED SHALIMBA MUSISI**, Ministry of Agriculture, Nairobi: to visit West Virginia University, Morgantown, while in the United States, and to return to Kenya; \$900;

**LIBERIA**

**UNIVERSITY OF LIBERIA**, Monrovia: development of its horticultural program; \$30,000;

**MEXICO**

**INSTITUTE OF TECHNOLOGY AND ADVANCED STUDIES OF MONTERREY**: support of graduate studies in the School of Agriculture; \$333,000 for a five-year period;

**NATIONAL CENTER FOR ANIMAL RESEARCH**, Palo Alto:

Dr. Eduardo Rivera Cruz; to visit diagnostic laboratories in the United States; \$820;

Dr. Pedro Solana-Martagón; to visit animal disease research centers in the United States; \$745;

**NATIONAL INSTITUTE OF AGRICULTURAL RESEARCH**, Mexico City:

Ing. Leonardo Cabrera-Villa; to participate in the Twelfth Congress of the International Society of Sugar Cane Technologists, in San Juan, Puerto Rico; \$715;

Ing. Ricardo Méndez-Salas; to participate in the Twelfth Congress of the International Society of Sugar Cane Technologists, in San Juan, Puerto Rico; \$715;

Ing. Raul Flores Crespo; to visit potato research centers in the United States; \$500;

**NATIONAL INSTITUTE OF NUTRITION**, Mexico City: equipment for a research laboratory, to be directed by Dr. Federico Díes, in the Department of Clinical Physiology; \$10,000;

**ROCKEFELLER FOUNDATION** International Cooperative Program in Agricultural Sciences: Mexican program; *see International, above*;

## NATIONAL REPUBLIC OF CHINA

DR. T. H. SHEN, Joint Commission on Rural Reconstruction, Taipei: to visit agricultural centers in the Far East and the United States; \$7,250;

## NETHERLANDS

MARK SCHUILING, State Agricultural University, Wageningen: to study agricultural entomology at the National Institute of Agricultural Research, Mexico; \$1,800;

## NEW ZEALAND

D. A. CAMPBELL, Soil Conservation and Rivers Control Council, Wellington: to observe forage improvement and pasture management techniques in the United States, and to attend a meeting of the Soil Conservation Society of America, in Philadelphia, Pennsylvania; \$2,300;

## NIGERIA

DR. A. A. ADEGBOLA, University of Ife, Ibadan: to visit European centers of research on forage crops and pastures; \$2,130;

MISS P. M. J. EDWARDES, Ahmadu Bello University, Zaria: to visit libraries in Italy and the United States, and to attend the International Association of Agricultural Librarians and Documentalists conference in Washington, D.C.; \$2,025;

DR. D. G. GODFREY, Nigerian Institute for Trypanosomiasis Research, Vom: to visit research centers in the United States; \$1,925;

ROCKEFELLER FOUNDATION International Cooperative Program in Agricultural Sciences: Nigerian program; *see International, above*;

## UNIVERSITY OF IBADAN:

Research in rural pediatrics and nutrition, and extension of studies of agricultural production; Nigerian £34,000 (about \$95,200) through June, 1968;

Support of research on parasitic flowering plants; Nigerian £4,611 (about \$13,140);

Scholarships for use at the university's Institute of Librarianship; \$4,630 through July, 1967;

Dr. A. H. Parker; to visit entomological research centers in the United States; \$3,200;

## PAKISTAN

PROFESSOR MUHAMMAD ABDUL AZIZ, Ayub Agricultural Research Institute, Lyallpur: to visit wheat breeding stations in North America and Mexico; \$3,250;

## PHILIPPINES

MISS MARTA T. MORALES, Department of Agriculture and Natural Resources, Manila: to accept an assistantship at Michigan State University, East Lansing; \$700 through December, 1966;

MRS. TEOFILA V. REBAGAY, Mindanao Agricultural College, Musuan: to accept an assistantship at the University of Kentucky, Lexington; \$800;

ROCKEFELLER FOUNDATION International Cooperative Program in Agricultural Sciences: toward operating costs of the International Rice Research Institute, Los Baños; *see International, above*;

UNIVERSITY OF THE PHILIPPINES, Los Baños: agricultural scholarships for students from Southeast Asian countries; \$2,000;

## PORTUGAL

MISS SARA IVENS FERRAZ MAIA DE LOUREIRO, National Agronomic Station, Oeiras: to visit the Rockefeller Foundation potato research program in Mexico; \$1,000;

## RHODESIA

UNIVERSITY COLLEGE OF RHODESIA AND NYASALAND, Salisbury:

Research on the metabolism of the tsetse fly, directed by Professor E. Bursell; \$15,000 for a two-year period;

Study of the epidemiology of schistosomiasis, directed by Lee Husting; \$10,000;

## ST. LUCIA

PROJECTS IN SCHISTOSOMIASIS research and control; \$422,000;

DR. RONALD E. M. LEES, St. Lucia Health Service, Castries: to confer in the United States on schistosomal studies; \$600;

## SUDAN

### UNIVERSITY OF KHARTOUM:

Dr. Yusuf Fadl Hasan; to visit research centers in Africa, the United States, and the United Kingdom; \$4,750;

Dr. Mohamed Shazali Osman; to visit agricultural engineering institutions in the United States, Europe, and the United Arab Republic; \$4,300;

Izzel Din Mamoun Mohammad; to visit libraries in Europe and the United States, and to attend the International Association of Agricultural Librarians and Documentalists conference in Washington, D.C.; \$1,815;

## SWEDEN

DR. VILHELM RIKHARD UMAERUS, Swedish Seed Association, Svalof: to attend the meetings in Mexico City of the Potato Association of America; \$1,225;

## TANZANIA

DR. PETER JORDAN, East African Institute for Medical Research, Mwanza: to visit schistosomiasis research centers in the United States and St. Lucia, West Indies; \$1,400;

## THAILAND

DR. BANCHERD BALANKURA, Department of Land Development, Bangkok: to visit land development institutions in the United States; \$3,750;

### DEPARTMENT OF AGRICULTURE, Bangkok:

Dr. Riksh Syamananda; to visit pesticide research centers in the United States, Europe, and Japan; \$3,325;

Miss Churai Watanatada; to study pesticide residue analysis at Louisiana State University, Baton Rouge; \$700;

### KASETSART UNIVERSITY, Bangkok:

Miss Suri Vimollohakarn; to visit fishery libraries in the Far East, the United States, Europe, and South Asia; \$4,600;

Dr. Sorasith Vacharotayan; to observe developments in soil science in the Far East, the Middle East, South Asia, and the United States, and to attend a symposium, "The Use of Isotopes and Radiation in Soil-Plant Nutrition Studies," in Ankara, Turkey; \$4,575;

**Dr. Phaitoon Ingkasuwan**; to visit poultry centers in the Far East and the United States; \$4,100;

**Dr. Sanga Sabhasri**; to observe graduate school operations in the United States, Europe, and the United Arab Republic; \$3,700;

**GENERAL NETR KHEMAYODHIN**, Office of the Prime Minister, Bangkok: to visit educational institutions in the Far East, the United States, and Europe; \$6,350;

**THUAN KOMKRIS**, National Statistical Office, Bangkok: to visit the Far East, New Zealand, Australia, and the United States in order to learn methods of gathering, compiling, and disseminating agricultural data; \$4,600;

**DR. N. P. PARTHASARTHY**, Food and Agriculture Organization of the United Nations, Bangkok: to visit rice experiment stations in the United States; \$4,100;

## **TRINIDAD**

**DR. F. J. SIMMONDS**, Commonwealth Institute of Biological Control: to visit South Asian and Far Eastern centers of study of biological control of insects and weeds; \$5,025;

## **UNITED KINGDOM**

**COMMONWEALTH AGRICULTURAL BUREAUX**, Farnham Royal: purchase of Bureaux publications for agricultural libraries in Africa and India; \$6,050;

**DR. DAVID R. WIGHTMAN**, University of Birmingham: to visit the United States for consultations in connection with a study of the FAO World Food Program; \$1,760;

**UNIVERSITY OF GLASGOW**: study of the economics and organization of Soviet agriculture, by B. M. Vyunov and Professor A. Nove; \$7,000 for a two-year period;

## **UNITED STATES**

**AGRICULTURAL DEVELOPMENT COUNCIL**, New York: to enable Mrs. Pauline Sahertian-Bakhoven, Bibliotheca Bogoriensis, Bogor, Indonesia, to visit library and documentation centers in Europe; \$1,350;

**AMERICAN COMMITTEE for the Third World Congress of the International Association of Agricultural Librarians and Documentalists**, Washington, D.C.: to enable foreign participants to attend the congress; \$15,000;

**AMERICAN PHYTOPATHOLOGICAL SOCIETY**, Ithaca, New York: expenses of foreign participants in a symposium on the fungus *Rhizoctonia solani*; \$3,100;

**AMERICAN VETERINARY MEDICAL ASSOCIATION RESEARCH FUND**, Chicago, Illinois: symposium on veterinary medical education; \$11,000;

**AUBURN UNIVERSITY**, Alabama: research by the Farm Ponds Division on fish production in impounded waters; \$500,000 for a five-year period;

**DR. GLENN W. BURTON**, Georgia Coastal Plain Experiment Station, Tifton: to visit research projects in Africa and to attend the Sorghum-Millet-Maize Workers' Conference, Zaria, Nigeria; \$1,500;

**CORNELL UNIVERSITY**, Ithaca, New York:

Support of the Symposium on the Potentials of the Hot-Humid Tropics in Latin American Rural Development; \$7,000;

Dr. Robert J. Young; to conduct research on fat metabolism at laboratories in Europe; \$3,000;

Dr. Karl H. Fernow; to assist with potato virus investigations in Mexico; \$1,100;

Dr. William George Merrill; to visit research stations and farms in Europe; \$1,000;

**DR. MACK DRAKE**, University of Massachusetts, Amherst: to observe forage crop programs at universities in Japan; \$1,620;

**ESTES PARK CENTER FOR RESEARCH AND EDUCATION**, Colorado: support of a seminar on United States food policy in relation to world hunger; \$12,100;

**DR. ROBERT GENTRY**, Pennsylvania State University, University Park: to study the role of *Mycoplasma* in chronic respiratory diseases of poultry; \$1,300;

**DR. WILLIAM W. GIBSON**, Stephen F. Austin State College, Nacogdoches, Texas: to visit Mexico in order to complete a study of the insect collection at the National Institute of Agricultural Research; \$1,414;

**HARVARD UNIVERSITY**, Cambridge, Massachusetts: construction of that part of the new School of Public Health building which will house research and training on schistosomiasis; \$750,000;

**DR. EUGENE B. HAYDEN**, Jr., Crop Quality Council, Minneapolis, Minnesota: to visit wheat improvement programs in Latin America; \$1,875;

**JOHNS HOPKINS UNIVERSITY**, Baltimore, Maryland: facilities for research and training in schistosomiasis control in its School of Hygiene and Public Health; \$54,860;

KANSAS STATE UNIVERSITY ENDOWMENT ASSOCIATION, Manhattan: evaluation for insect resistance of germ plasm in Mexican and Colombian corn banks, by Dr. Reginald H. Painter; \$14,920;

MICHIGAN STATE UNIVERSITY, East Lansing:

To enable Dr. W. V. Single, New South Wales, Australia, to conduct research on the winter hardiness of cereals; \$3,000 for a one-year period beginning approximately January 1, 1966;

Dr. Abraham H. Halevy; to visit centers of research on water-plant relationships, in the United States; \$1,400;

Dr. John E. Graefius; to attend the Second Andean Region Corn Improvement Conference in Quito, Ecuador, and to visit corn improvement centers in Colombia; \$1,125;

OKLAHOMA STATE UNIVERSITY, Stillwater: research on ruminant animal nutrition; \$12,000;

PURDUE UNIVERSITY, Lafayette, Indiana:

Support of a conference on protein quality in maize; \$2,000;

Dean Erskine Morse; to observe at veterinary education and research institutions in Europe, and to attend the Second FAO/WHO Meeting on Veterinary Education, in Copenhagen, Denmark; \$1,120;

DR. H. F. ROBINSON, University of North Carolina at Raleigh: to visit corn improvement centers in Africa, the Middle and Far East, and South Asia, and to participate in a symposium, "The Impact of Mendelism on Agriculture, Biology, and Medicine," in New Delhi, India; \$4,275;

STANFORD UNIVERSITY, California: research by the Food Research Institute on the economic, cultural, and technical determinants of change in tropical African agriculture; \$179,000 through August, 1968;

DR. MATTHIAS STELLY, American Society of Agronomy, Madison, Wisconsin: to travel in the United States and Latin America in order to serve as an adviser to the Latin American Association of Plant Science, San José, Costa Rica; \$1,500;

TEXAS RESEARCH FOUNDATION, Renner: equipment for the Botanical Laboratory; \$9,500;

UNIVERSITY OF ARIZONA, Tucson: research on a unified approach to water, food, and power production in a coastal desert community; \$180,000 for a three-year period;

UNIVERSITY OF CALIFORNIA:

*Davis*

Dr. William A. Williams; to study the uses of farm-produced sources of nitrogen in tropical America; \$5,500;

Dr. Dewey John Raski; to visit nematology research centers in Sweden and the U.S.S.R., and to participate in a course in electron microscopy in Stockholm; \$2,175;

Norman Oliver Jones; to observe invertebrate morphological techniques at institutions in Europe and Canada, and to take a course in advanced ultra-microtomy in Stockholm; \$2,050;

*Riverside*

Program of graduate and post-doctoral training, interdepartmental research projects, and international research at the Dry-Lands Research Institute; \$400,000 for a two-year period;

To enable Dr. Walter Reuther to assist with the fruit culture program of the Colombian Institute of Agriculture, Bogotá; \$15,000 for a two-year period;

Dr. S. D. Van Gundy; to visit nematology research centers and attend the 8th International Symposium on Nematology in Antibes, France; \$3,600 through August, 1966;

Dr. R. C. Baines; to visit nematology centers in Europe, the Middle East, and the United States, and to attend the 8th International Symposium on Nematology, and the meetings of the Society of Phytopathology and Plant Disease Control of the Mediterranean Area, in France; \$1,650;

UNIVERSITY OF NEBRASKA, Lincoln:

Research on the physiology and biochemistry of plant responses to environmental stresses; \$14,600;

Support of the Fourth Symposium of the World Association of Veterinary Food Hygienists; \$8,650;

WEST VIRGINIA UNIVERSITY FOUNDATION, Morgantown: consultations in East Africa on agricultural library facilities, by the director of libraries; \$3,300;

WESTERN RESERVE UNIVERSITY, Cleveland, Ohio:

Compilation of a schistosomiasis bibliography; \$12,000;

Support of schistosomiasis research; \$8,000;

**VENEZUELA**

**NATIONAL ORGANIZATION FOR AGRICULTURAL RESEARCH:** equipment for the cooperative maize improvement project; \$6,000.

## PROBLEMS OF POPULATION

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### CHILE

UNIVERSITY OF CHILE, Santiago: population research and family planning programs, by the Department of Preventive Medicine; \$34,000 for a three-year period;

### COLOMBIA

UNIVERSITY OF THE ANDES, Bogotá: support of the Colombian Association for the Scientific Study of Population; \$4,700 through December, 1966;

UNIVERSITY OF VALLE, Cali:

Population studies under the direction of the University Committee for Population Studies (CUIP); \$15,000;

Dr. Gabriel Velázquez Palau; to attend a conference in Geneva, Switzerland, on family planning; \$1,235;

Dr. Guillermo Llanos; to study sampling techniques and demographic methods at the Yale University School of Medicine, New Haven, Connecticut; \$1,200;

Dr. Alfredo Aguirre Castaño; to take a course in motivation for family planning at the University of Chicago; \$760;

### INDIA

DR. HELEN GIDEON, All India Institute of Medical Sciences, New Delhi: to attend a conference in Geneva, Switzerland, on population problems; \$1,000;

DR. SHANTA S. RAO, Indian Cancer Research Centre, Bombay: to observe research on the physiology of reproduction, in Europe and Israel; \$2,400;

### PERU

PERUVIAN UNIVERSITY OF MEDICAL AND BIOLOGICAL SCIENCES, Lima: research on the biology of reproduction; \$30,000;

## PHILIPPINES

DR. PELAGIA S. BAYANI-SIOSON, University of the Philippines, Quezon City: to study human cytogenetics in Japan; \$1,230;

## SENEGAL

ASSOCIATION FOR THE ORGANIZATION of Dakar Medical Days and for the Development of Medical Research in West Africa: establishment of a rural health teaching and research field station for population studies, under the auspices of the Department of Preventive Medicine, University of Dakar; \$15,000;

## TANZANIA

DAR ES SALAAM SCHOOL OF MEDICINE: health survey of preschool children, directed by Dr. Christopher H. Wood; 30,000 East African shillings (about \$4,200);

## THAILAND

CHULALONGKORN UNIVERSITY, Bangkok: research in reproductive biology; \$10,000;

## UNITED KINGDOM

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE: support of a population control program, directed by Dr. D. Wolfers, at the University of Singapore; \$10,000;

## UNITED STATES

AMERICAN FRIENDS SERVICE COMMITTEE, Philadelphia, Pennsylvania: support of its family planning programs; \$300,000 for a five-year period;

COLUMBIA UNIVERSITY, New York: research on reversible vasectomy, in the Department of Urology, College of Physicians and Surgeons; \$75,000 for a three-year period;

INTERNATIONAL PLANNED PARENTHOOD FEDERATION—Western Hemisphere Region, New York: to prepare a teaching film in Jamaica, West Indies, on birth control; \$6,000 through December, 1966;

INTERNATIONAL UNION FOR THE SCIENTIFIC STUDY OF POPULATION, Washington, D.C.: travel to the World Population Conference in Belgrade, Yugoslavia, by Asian, African, and Latin American participants; \$15,000;

**PLANNED PARENTHOOD FEDERATION OF AMERICA**, New York:

Support of the overseas family planning programs of the International Planned Parenthood Federation; \$150,000 for a three-year period;

Survey of family planning curricula in United States schools of nursing; \$15,000;

To prepare French and Turkish translations of the teaching film "Fertility Control and the Physician," and to purchase prints of each; \$15,000;

**POPULATION COUNCIL**, New York: fellowships for training of population control workers; \$350,000 for a five-year period;

**PURCHASE OF PRINTS** of the Planned Parenthood-World Population documentary film, "Fertility Control and the Physician," for distribution to universities with which the Foundation is cooperating in Asia, Africa, and Latin America; \$1,500;

**UNIVERSITY OF MICHIGAN**, Ann Arbor: support of studies of the teaching of reproductive biology and family planning in professional schools; \$15,000;

**DR. HELEN M. WALLACE**, University of California, Berkeley: to visit family planning programs and population research centers in Asia; \$3,500.

# TOWARD EQUAL OPPORTUNITY

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## UNITED STATES

BROWN UNIVERSITY, Providence, Rhode Island: preparation and testing of a study course in standard English; \$206,000;

CENTER FOR URBAN EDUCATION, New York: organization and planning costs; \$15,000;

EDUCATIONAL SERVICES INCORPORATED, Watertown, Massachusetts: summer institutes for teachers from Negro colleges, in English, economics, and business administration, held respectively at Indiana University, Bloomington; Wayne State University, Detroit, Michigan; and New York University, New York; \$280,000;

EXPENSES RELATIVE to the recruitment of faculty under The Rockefeller Foundation's cooperative program with selected Negro colleges; \$5,000;

FISK UNIVERSITY, Nashville, Tennessee:

Development of its educational program; \$110,000;

Support of its Pre-College Center's program for high school students from disadvantaged families; \$15,000;

FRIENDS NEIGHBORHOOD GUILD, Philadelphia, Pennsylvania: educational counseling and assistance program for disadvantaged youths; \$150,000 through December, 1968;

HAMPTON INSTITUTE, Virginia: academic reinforcement and enrichment programs for entering students; \$300,000;

HARVARD UNIVERSITY, Cambridge, Massachusetts: special summer program in the Law School for Negro college students from the South; \$87,500 through June, 1966;

HAVERFORD COLLEGE, Pennsylvania: to enable selected graduates of Negro colleges to participate in an experimental, transitional year at Haverford or Bryn Mawr College prior to advanced study leading to possible teaching careers; \$15,000;

**LEONARD JEFFRIES, JR., Columbia University, New York:** research in Africa on the politics of development in the Ivory Coast; \$6,500;

**KNOXVILLE COLLEGE, Tennessee:** summer study-skills program directed by the Educational Counseling Service of the Board of National Missions of the United Presbyterian Church in the United States of America; \$100,000 through December, 1967;

**LINCOLN UNIVERSITY, Pennsylvania:** prefreshman summer session for entering students; \$15,000;

**MERCER UNIVERSITY, Macon, Georgia:** to supplement its financial aid program for disadvantaged students; \$60,000 for a five-year period;

**ROBERT R. MOTON MEMORIAL FOUNDATION, New York:** support of its conference center, Holly Knoll, in Capahosic, Virginia; \$50,000 on a part-matching basis;

**NATIONAL URBAN LEAGUE, New York:** toward purchase, with the United Negro College Fund, of a national headquarters building; \$250,000;

**OBERLIN COLLEGE, Ohio:** to enable selected graduates of Negro colleges to participate in an experimental, transitional year at Oberlin or other Midwestern colleges prior to advanced study leading to possible teaching careers; \$15,000;

**PENNSYLVANIA STATE UNIVERSITY, University Park:** research, directed by Professor Muzafer Sherif, on the performance and achievement goals of disadvantaged youths; \$15,000;

**PHILLIPS EXETER ACADEMY, Exeter, New Hampshire:** special program for urban children at its summer school; \$65,000 for a three-year period;

**DR. FRANCIS H. SHAW, Department of History, Oregon State University, Corvallis:** to accept a visiting appointment at Miles College, Birmingham, Alabama; \$4,700 through September, 1966;

**SOUTHERN REGIONAL COUNCIL, Atlanta, Georgia:** contribution toward its general program; \$50,000;

**TUSKEGEE INSTITUTE, Alabama:** academic reinforcement and enrichment programs for entering students; \$300,000 (includes \$250,000 allocated from a 1963 appropriation);

**UNIVERSITY OF CALIFORNIA, Riverside:** support of a study of the integration of minority group children into white public schools; \$15,000;

**VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg:** to supplement its financial aid program for disadvantaged students; \$100,000 for a five-year period;

**WAYNE STATE UNIVERSITY**, Detroit, Michigan: support of a cooperative program in nursing with Dillard University, New Orleans, Louisiana, and Tuskegee Institute, Alabama; \$11,000;

**WESLEYAN UNIVERSITY**, Middletown, Connecticut: to enable instructors from Negro colleges to attend its Graduate Summer School for Teachers; \$75,000 through September, 1967;

**YALE UNIVERSITY**, New Haven, Connecticut: to enable Dr. William Lee Miller to undertake an analysis of the changing role of American government with respect to disadvantaged citizens; \$10,000.

# UNIVERSITY DEVELOPMENT

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## INTERNATIONAL

### ROCKEFELLER FOUNDATION Cooperative Program in University Development:

Salaries, travel, and other expenses of Foundation field staff \$ 828,500

#### Program centers

Chile	\$60,000
Colombia	80,000
East Africa (Kenya, Tanzania, Uganda)	27,500
Nigeria	27,000
Philippines	27,500
Thailand	<u>86,500</u> 308,500
Development and other expenses	<u>51,000</u>
TOTAL—Appropriations for 1966	<u><u>\$1,188,000</u></u>

## CHILE

### CATHOLIC UNIVERSITY OF CHILE, Santiago:

Alberto C. Moletto, Faculty of Architecture; to study library planning and visit new libraries in the United States; \$1,704;

Miss María Teresa Sanz; to study library planning and visit new libraries in the United States; \$1,704;

ROCKEFELLER FOUNDATION International Cooperative Program in University Development: Chilean program; *see International, above*;

## COLOMBIA

ROCKEFELLER FOUNDATION International Cooperative Program in University Development: Colombian program; *see International, above*;

UNIVERSITY OF THE ANDES, Bogotá: training and research in political science;  
\$34,910;

### UNIVERSITY OF VALLE, Cali:

Salaries and salary supplements for university personnel; \$200,000 through December, 1969;

Toward the costs of visiting appointments; \$107,900; for the following positions:

Professor Luis Arturo Fuenzalida; to accept an appointment at the Center for Economic Research for the academic years 1965-1967;

Professor Carter Wheelock, University of Texas; to serve as consultant to the English language teaching program;

Visiting professorships in the Faculty of Economics for the academic years 1965-1967;

Postgraduate training awards, to enable non-Colombians to study at the university; \$30,000 through December, 1967;

Accounting equipment; \$27,900 through June, 1966;

Library materials; \$25,000 through December, 1966;

Equipment for the School of Nursing; \$18,000 through December, 1967;

Toward establishment of the Economic Research Center; \$15,000;

Equipment for the Department of Biology; \$10,000 through December, 1967;

Equipment for the language laboratory; \$10,000 through December, 1967;

Planning for construction of an addition to the library; \$10,000 through December, 1966;

Purchase of two vehicles for the School of Nursing; \$5,000;

Seminar on auxiliary nurse training in the State of Valle; \$5,000;

Salary supplements for library personnel; 37,200 Colombian pesos (about \$3,348);

Dean Harold Borrero Urrutia; to visit construction institutes in Europe and the Middle East, and to attend the CIB (Comité International de Bâtiment) World Congress in Copenhagen, Denmark; \$2,450;

Dr. Ernesto Zambrano; to attend a seminar in Bethel, Maine, on human relations and medical teaching; \$2,200;

Dr. Hernando Salazar-Navarro; research in Mexico on tissue ultrastructure, and attendance at the meeting of the American Association of Anatomists, in Miami, Florida; \$2,175;

Dean Oscar Gerardo Ramos Gómez; to visit educational centers in the United States; \$2,150;

Purchase of an organ for the Music Department; \$2,050;

Faculty recruitment; \$2,000 through December, 1968;

Miss Ines Durana; to attend the 13th Quadrennial Congress of the International Council of Nurses, in Frankfurt, Germany; \$1,850;

Miss Adela Sanabria; to visit libraries in Washington, D.C.; \$1,525;  
To enable Professors Luis Arturo Fuenzalida, Enrique Low, and Franklin E. Maiguashca to participate in an economics seminar in Mexico City; \$1,509;  
Dr. Carlos Alberto Acevedo; to observe at neurosurgery research and teaching centers in the United States; \$1,375;  
Dr. Eduardo Gaitan; to visit endocrinology centers in Europe; \$1,000;

## KENYA

EAST AFRICAN COMMON SERVICES ORGANIZATION, Nairobi: to enable the East African Veterinary Research Organization to undertake a teaching and research program with the University College, Nairobi; \$40,000 for a two-year period;

UNIVERSITY COLLEGE, University of East Africa, Nairobi (*see also Tanzania and Uganda*):

Support of the Faculty of Veterinary Science; 700,000 East African shillings (about \$200,100);

Support of research in economics; 159,400 East African shillings (about \$23,110) through June, 1967;

To enable Dr. John B. Polding to continue his comparative study of veterinary institutions; \$15,000;

Staff housing; 104,900 East African shillings (about \$15,000) through December, 1967;

Travel to colleges and universities in the United States by S. W. Karanja and David Wasawo; \$4,700;

To appoint Selby Mvusi as lecturer, Department of Art; £1,420 (about \$4,065);

Dr. Arthur T. Porter, principal; to visit institutions in the United Kingdom, the United States, and Africa; \$2,650;

D. A. R. Kemp; to visit centers of library training in North America; \$2,500;

Toward development of a program in government and administration; \$1,430;

## NIGERIA

ROCKEFELLER FOUNDATION International Cooperative Program in University Development: Nigerian program; *see International, above*;

UNIVERSITY OF IBADAN:

Toward the costs of visiting appointments; \$112,065; for the following persons for the academic year 1965-1966:

Dr. Wayne Bath, University of Minnesota, St. Paul; to serve as senior lecturer in extension education;

Dr. Edwin R. Dean, Columbia University, New York; to serve on the staff of the Nigerian Institute of Social and Economic Research for fifteen months;

Errol Hill, University of the West Indies, Mona, Jamaica; to accept a visiting appointment at the School of Drama;

Sir Arthur Lewis, Princeton University, New Jersey; to serve as professor in the Department of Economics;

Dr. Malcolm A. Murray, Miami University, Oxford, Ohio; to serve as senior lecturer in geography;

Dr. Lee C. Soltow, Ohio University, Athens; to serve as professor in the Department of Economics;

Preclinical veterinary teaching program, directed by Professor D. H. Hill; \$111,740;

Support of the rural health center at Igbo-Ora; £26,535 (about \$75,625);

Purchase of a mass spectrometer for the Department of Chemistry; \$60,000;

Toward the costs of appointments; \$54,400; to the following posts:

Agricultural economics lectureship;

Chief accountant;

Environmental engineer in the Department of Preventive and Social Medicine;

Medical librarian;

Support of the Department of Psychiatry, Neurology, and Neurosurgery; Nigerian £19,040 (about \$53,700);

Support of a program of population research; \$50,000;

Construction of faculty housing; \$39,709;

Research in the social sciences; \$24,000 through June, 1967;

Support of medical training posts; £8,386 (about \$23,900);

Additional construction at the Senior Staff School; \$15,000;

Stanford University, California; workshop on political and social change; \$15,000;

Support of the International School; \$15,000;

Support of the pasture and fodder research program; Nigerian £4,025 (about \$11,470);

Support of the maize improvement research program; Nigerian £2,700 (about \$7,695);

Equipment for the Department of Chemistry; \$5,843;

Northwestern University, Evanston, Illinois; development of library services in the African Department of the library and in the library of the University of Ibadan; \$5,700;

Research on bile acid absorption, by Dr. C. Nwokolo, Department of Medicine; \$4,330;

Dr. Asa J. Davis; to undertake research in Africa, the Middle East, Europe, and the United States on the development of the Ethiopian polity; \$3,425;

Research on the breeding of pasture grasses; \$2,500;

Mrs. Kofoworola Abeni Pratt, University Hospital; to visit hospitals and nursing schools in the United States; \$2,240;

Additional support for the Department of Arabic and Islamic Studies; \$1,540;

Dr. Everett Heath; to visit veterinary medical centers in Africa; \$1,250;

## PHILIPPINES

ROCKEFELLER FOUNDATION International Cooperative Program in University Development: Philippine program; *see International, above*;

UNIVERSITY OF THE PHILIPPINES, Quezon City:

Toward the costs of visiting appointments; \$102,810; for the following persons for the academic year 1965-1966:

Dr. Reginald E. Arragon; to serve as professor in the Department of Humanities;

Dr. Dante Germino, Department of Political Science, Wellesley College, Massachusetts; to serve as visiting professor;

Dr. Thomas L. Thorson, Department of Political Science, University of Wisconsin, Madison; to serve as visiting professor;

Dr. Richard H. Willis, Washington University, St. Louis, Missouri; to serve as visiting professor in the Department of Sociology;

Preparation of plans for utility systems; \$100,000 through December, 1966;

Development of the University Press; \$82,500 through December, 1967;

Equipment for the Department of Physiology; \$28,000;

Dr. José Encarnación, Jr.; research in the United States on national economic planning; \$15,000;

Primary source materials on Southeast Asia for the School of Economics; \$12,000 through June, 1968;

Preliminary architectural consultative services for the Natural Sciences Research Center; \$10,000;

American Library Association, Chicago, Illinois; to assist the establishment of a graduate library science program; \$9,212;

Dr. Ricardo Pascual; to undertake research in the United States and Europe in preparation for a book on the epistemology of scientific knowledge; \$8,725;

Toward construction of faculty housing; \$7,000 through December, 1966;

Dr. Gerardo P. Sicat; to visit the United States in connection with research on the growth and structure of Philippine manufacturing; \$3,800;

Dr. Ambrosio F. Tangco; to visit United States and other medical centers, and to attend the Third Institute on Administration of the Association of American Medical Colleges; \$3,800;

Conference on political science research and training in Southeast Asia; \$3,000;

John Ciardi, *Saturday Review*, New York; to participate in the Writers' Summer Workshop; \$2,500;

## SUDAN

### UNIVERSITY OF KHARTOUM:

Comparative study of the representation systems of the Sudan and neighboring states; \$13,700 for a 28-month period;

Support of the research and training program of the Sudan Unit; \$8,640;

El Nazeer Dafaalla, vice-chancellor; to observe university administration in the United States, and to attend the meetings of the International Association of Universities, in Tokyo, Japan; \$5,550;

Dr. Abdalla Ahmed Abdalla; to visit vegetable crops research centers in the United States and the West Indies; \$3,730;

Dr. Ibrahim Abdulla Ayed; to observe arid zone agriculture in the United States; \$3,725;

Abdel Rahman el Nasri; to visit library training schools in Europe, South Asia, and the Far East; \$3,695;

Abdul Quddus Khan, Faculty of Veterinary Science; to observe developments in microbiology in the United States; \$3,650;

Dr. El Iman El Khidir Mohammed Nour; to visit entomological centers in the United States; \$3,450;

Dean Mohamed Abdulla Nour; to visit agricultural centers in Africa; \$3,250;

Mohamed Ahmed Hassan; to visit university presses and graduate schools in the United States and the United Kingdom; \$3,000;

Dr. Ibrahim El Disougi Mustafa; travel to veterinary pathology centers in Europe; \$2,825;

Ahmad Abd al-Halim; to observe adult education programs at East and West African universities; \$2,300;

Training in France for students from the Department of European Languages; Sudanese £600 (about \$1,730);

Lecture series on political science by Professor Yousif Ibish, American University of Beirut, Lebanon, and by Dr. Malcolm Kerr, American University at Cairo, United Arab Republic; \$575;

## SWITZERLAND

PROFESSOR JACQUES FREYMOND, Graduate Institute of International Studies, Geneva: to consult with Latin American university and government officials; \$6,885;

## TANZANIA

UNIVERSITY COLLEGE, University of East Africa, Dar es Salaam (*see also Kenya and Uganda*):

Construction of faculty housing; 300,000 East African shillings (about \$42,750) through December, 1966;

Housing of the bindery and photographic laboratory; \$28,000 through December, 1966;

Oberlin College, Ohio; to enable Professor William F. Hellmuth, Jr., to assist in the development of an economic research program; \$6,804;

To invite Professor Glynne W. G. Wickham, University of Bristol, England, for consultations on theatre; 10,700 East African shillings (about \$1,555);

## THAILAND

### INSTITUTIONS IN BANGKOK:

#### *Kasetsart University*

Agricultural equipment and materials; \$60,000 through March, 1967;

Support of research in the agricultural, veterinary, and marine sciences; \$15,000;

Support of research on nutritive values of the Thai diet; \$4,500 through April, 1967;

### *Thammasat University*

Toward the costs of visiting appointments; \$123,793; for the following persons for the academic year 1965-1966:

Dr. W. David Maxwell, Tulane University of Louisiana, New Orleans; to serve as professor in the Faculty of Economics;

Professor Herbert P. Phillips, University of California, Berkeley; to serve in the Faculty of Liberal Arts;

Dr. Paul B. Trescott, Kenyon College, Gambier, Ohio; to serve for two years as professor in the Faculty of Economics;

Preparation of Thai-language economics teaching materials, under the direction of Dean Puey Ungphakorn; 100,000 baht (about \$5,000) through December, 1967;

Journals for the Faculty of Economics library; \$3,000 through December, 1967;

### *University of Medical Sciences*

Architectural consultative services for the Faculty of Medical Sciences; \$26,374 through December, 1967;

Research in nutritional biochemistry; \$13,000;

To enable Dr. Jajaval Osathanondh, rector, and Dr. Stang Mongkulsuk, dean, Faculty of Medical Sciences, to visit the United States and the United Kingdom in connection with the planning of new science buildings; \$7,200;

ROCKEFELLER FOUNDATION International Cooperative Program in University Development: Thai program; *see International, above*;

### **UGANDA**

ROCKEFELLER FOUNDATION International Cooperative Program in University Development: East African program; *see International, above*;

UGANDA NATIONAL CULTURAL CENTRE TRUST, Kampala: experimental training program at the National Theatre of Uganda; 10,800 East African shillings (about \$1,565);

UNIVERSITY OF EAST AFRICA (*see also Kenya and Tanzania*):

Toward the costs of visiting appointments; \$26,716; for the following persons for the academic year 1965-1966:

Professor Henry L. Bretton, University of Michigan, Ann Arbor; to serve as professor of political science at the University College, Nairobi, Kenya;

Professor Robert W. Clower, Northwestern University, Evanston, Illinois; to serve as professor of economics at Makerere University College, Kampala;

Professor A. Paul Hare, Haverford College, Pennsylvania; additional expenses incurred while serving as lecturer in sociology at Makerere University College, Kampala;

Professor F. S. Northedge, London School of Economics and Political Science, University of London; to serve as professor of international relations at Makerere University College, Kampala;

Dr. Helmut Viesel, University of California, Los Angeles; to serve in the Department of Mathematics at Makerere University College, Kampala;

Study of the administrative procedures of the university and its constituent colleges; £601.10s.2d (about \$1,745);

University of California, Davis; to enable Dunstan Ireri to continue advanced training in agricultural economics; \$4,055;

#### **MAKERERE UNIVERSITY COLLEGE, University of East Africa, Kampala:**

Support of the teaching and research program of the Faculty of Agriculture; £17,153 (about \$49,000);

Support of the political science research program of the East African Institute of Social Research; 230,000 East African shillings (about \$32,800);

Development of the Kasangati field research and training center; \$22,030 through December, 1967;

Research in Swahili literature by John Allen; 103,200 East African shillings (about \$15,000) for a 15-month period;

Professor Ali A. Mazrui, Department of Political Science and Public Administration; study and research in the United States; \$11,300 through August, 1966;

Y. K. Lule, principal; to visit universities in Europe and North America; \$3,075;

Professor Noel Q. King, Department of Religious Studies; travel in South Asia; \$2,100;

Professor Colin Leys, Department of Political Science and Public Administration; to visit universities in Nigeria and Ghana; \$1,150;

#### **UNITED KINGDOM**

Dr. G. C. AINSWORTH, Commonwealth Mycological Institute, Kew; to visit the Faculty of Agriculture, University of Khartoum, Sudan; \$1,070;

#### **UNIVERSITY OF OXFORD:**

Professor Max Beloff, All Souls College; to serve as visiting professor at the University of Delhi, India; \$3,220;

Nuffield College; research in Thailand on Thai price statistics, by Dr. Dan Usher; \$1,325;

SCHOOL OF ORIENTAL AND AFRICAN STUDIES, University of London: to enable David Forbes Watt to undertake research in northern Uganda on the economics of peasant subsistence agriculture; \$4,480;

## UNITED STATES

ASSOCIATION OF AMERICAN MEDICAL COLLEGES, Evanston, Illinois: support of the 1966 Institute of International Medical Education; \$15,000 for a two-year period;

BOSTON UNIVERSITY, Massachusetts: to enable Dr. Mark Karp to visit African studies centers in Europe; \$8,000;

CORNELL UNIVERSITY, Ithaca, New York: visiting appointments at the University of the Philippines, Quezon City, for scholars in the humanities and social sciences; \$300,000 for a seven-year period;

DUKE UNIVERSITY, Durham, North Carolina: to enable Professor John S. McGee to study, in Africa, the economics of African wildlife management; \$3,668;

PROFESSOR TERENCE K. HOPKINS, Columbia University, New York: to determine the feasibility of undertaking a sociological study of the Uganda government's Ankole District cattle ranching project; \$1,700;

PRINCETON UNIVERSITY, New Jersey: to enable scholars to accept university development assignments in Asia, Africa, and Latin America; \$250,000 through June, 1970;

SAN DIEGO STATE COLLEGE, California: investigation of the national legislator's role in Mexico, by Dr. L. Vincent Padgett, visiting professor of political science at the University of Valle, Cali, Colombia; \$2,000;

UNIVERSITY OF FLORIDA, Gainesville: to enable scholars to accept university development assignments at the University of Valle, Cali, Colombia; \$230,000 through August, 1969;

UNIVERSITY OF ROCHESTER, New York: to enable President W. Allen Wallis to visit universities in Southeast Asia; \$1,755;

UNIVERSITY OF WISCONSIN, Madison: to enable senior staff to accept university development assignments at African universities; \$150,000 through June, 1969;

WESLEYAN UNIVERSITY, Middletown, Connecticut: study of agricultural development in Kenya by Professor William J. Barber; \$4,942.

## ALLIED INTERESTS

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MNS: *Medical and Natural Sciences*; AS: *Agricultural Sciences*;  
HSS: *Humanities and Social Sciences*; IP: *Inter-Program*

### INTERNATIONAL

#### ROCKEFELLER FOUNDATION Cooperative Program in Virus Research:

Salaries, travel, and other expenses of Foundation field staff	\$ 490,500
Virus laboratories	
Brazil	\$ 42,800
Colombia	43,500
India	67,000
United States	<u>164,500</u>
	<u>317,800</u>
TOTAL—Appropriations for 1966	<u>\$ 808,300 (MNS)</u>

#### ROCKEFELLER FOUNDATION Cooperative Program in Field Research in Medical Sciences, Nutrition, and Population Problems:

Salaries, travel, and other expenses of Foundation field staff and other program costs	\$ 829,000
India	<u>53,200</u>
TOTAL—Appropriations for 1966	<u>\$ 882,200 (MNS)</u>

ROCKEFELLER FOUNDATION Inter-Program Centers	<u>\$ 235,000</u>
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### ARGENTINA

TORCUATO DI TELLA INSTITUTE, Buenos Aires: support of the Latin American Center for Advanced Musical Studies; \$150,000 for a four-year period; (HSS)

### AUSTRALIA

AUSTRALIAN NATIONAL UNIVERSITY, Canberra: to enable Dr. David C. Corbett to undertake research on Australian foreign aid in Southeast Asia; \$5,320; (HSS)

## BELGIUM

COLLEGE OF EUROPE, Bruges; to enable Dr. Gordon L. Weil, Commission of the European Economic Community, to undertake a study of the possibility of developing a political community in Western Europe; \$13,500 for a 15-month period beginning approximately September, 1966; (HSS)

## BRAZIL

MISS AMELIA HOMOBONO PAES DE ANDRADE, Evandro Chagas Institute, Belém: special studies at the arbovirus research laboratory, University of Ibadan, Nigeria; \$2,800; (MNS)

FOR PROJECTS IN GENETICS research and training at Brazilian institutions:

*University of São Paulo*

Support of the Laboratory of Animal Genetics; \$10,000; (MNS)

Support of the Laboratory of Human Genetics; \$8,000; (MNS)

*University of Brasília*; equipment for the Department of Genetics; \$15,000 for a two-year period; (MNS)

*University of Rio Grande do Sul, Pôrto Alegre*

Support of the Laboratory of Human Genetics; \$5,000 for a two-year period; (MNS)

Support of the Laboratory of Molecular Genetics; \$4,500; (MNS)

Support of the Laboratory of Animal Genetics; Cr. 6,000,000 and \$110 (about \$4,310); (MNS)

*University of Paraná*, Curitiba; research in the Laboratory of Human Genetics; Cr. 20,520,000 and \$1,800 (about \$13,720); (MNS)

*Brazilian Society of Genetics*, São Paulo; toward expenses of the 1965 meeting, and for the promotion of inter-laboratory cooperation; \$9,400; (MNS)

ROCKEFELLER FOUNDATION International Cooperative Program in Virus Research: Belém Virus Laboratory; see *International, above*;

## CANADA

CANADIAN FORESTRY EDUCATION STUDY GROUP, Quebec; study of professional and technical forestry education; \$10,000 for a two-year period; (AS)

MISS ELIZABETH LOGAN, McGill University, Montreal: to observe nursing schools and health agencies in Ghana and Nigeria; \$1,800; (MNS)

UNIVERSITY OF TORONTO: to enable Professor Edward McWhinney to undertake a study of legal institutions and values from the point of view of the uncommitted countries; \$10,000 for a two-year period; (HSS)

## CANAL ZONE

PEDRO GALINDO, Gorgas Memorial Laboratory: to study collections of *Culex* and *Melanoconion* mosquitoes in the United States and Brazil; \$3,725 through December, 1967; (MNS)

## CHILE

CATHOLIC UNIVERSITY OF CHILE, Santiago: toward the additional costs of a trans-portable tent theatre for its Teatro de Ensayo; \$7,000; (HSS)

SUPPORT OF AN INTER-PROGRAM development project in Santiago, Chile, with the University of Chile, the Catholic University of Chile, and the Agricultural Research Institute; \$246,600; (IP)

UNIVERSITY OF CHILE, Santiago:

Professor Eugenio Pereira Salas; historical research in the United States and Europe; \$9,450; (HSS)

Research by Dr. Frank Marcus, Department of General Biochemistry; \$5,000; (MNS)

Professor Alvaro Jara; to undertake research on the mining industry in Latin America; \$2,190; (HSS)

UNIVERSITY OF CONCEPCION: to enable Dr. Harold E. Hollands, Oregon State University, Corvallis, to assist in the agricultural economics program of the Faculty of Agronomy, Chillán; \$15,000 for a two-year period; (AS)

## COLOMBIA

COLOMBIAN ASSOCIATION OF FACULTIES OF MEDICINE, Bogotá: support of its program; \$15,000; (MNS)

ROCKEFELLER FOUNDATION International Cooperative Program in Virus Research: virus studies at the University of Valle, Cali; see *International, above*;

DR. CARLOS SANMARTIN, University of Valle, Cali: to visit virus centers in the United States; \$1,225; (MNS)

UNIVERSITY OF ANTIOQUIA, Medellín: continued development of its school of library science; \$200,000 through December, 1970; (IP)

## CONGO

LOVANIUM UNIVERSITY, Leopoldville:

Special projects in the Medical School; \$80,000; (MNS)

Research in Europe by Antoine Wembi on relations between government and political institutions in Africa; \$9,150 through June, 1966; (HSS)

Equipment for the Laboratory for Research on African Termites; \$6,000; (MNS)

## DENMARK

MISS MAJA FOGET, National Health Service of Denmark, Copenhagen: to visit nursing education centers in North America; \$2,410; (MNS)

## HONG KONG

CHINESE UNIVERSITY OF HONG KONG: staff development and recruitment; \$15,000; (IP)

## INDIA

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, New Delhi: toward construction and development of a teaching hospital; \$500,000; (MNS)

D. L. MAZUMDAR, India International Centre, New Delhi: to visit Asia, North America, and Europe in connection with program planning; \$4,075; (HSS)

MISS LUCY PETERS, College of Nursing, Trivandrum: to visit nursing education centers in North America, Europe, and Asia; \$3,560; (MNS)

ROCKEFELLER FOUNDATION International Cooperative Program in Medical Sciences: New Delhi field office and Ballabhgarh program; *see International, above*;

ROCKEFELLER FOUNDATION International Cooperative Program in Virus Research: Virus Research Centre, Poona; *see International, above*;

PROFESSOR S. N. VARMA, University of Delhi: to visit centers of African studies in the United States, Asia, Europe, and Africa; \$6,625; (HSS)

## ITALY

VILLA SERBELLONI, Bellagio: expenses in 1966 of the International Conference and Study Center of The Rockefeller Foundation; \$215,000; (IP)

## JAMAICA

### UNIVERSITY OF THE WEST INDIES:

Support of the Trinidad Regional Virus Laboratory and of arbovirus studies in the Department of Microbiology; \$305,000 for a three-year period; (MNS)

To enable members of the medical faculty to exchange visits with the University of Valle medical faculty, Cali, Colombia; \$2,960; (MNS)

## JAPAN

HITOTSUBASHI UNIVERSITY, Tokyo: to enable the Institute of Economic Research to prepare English translations of basic data on Japanese economic development; \$8,000; (HSS)

## LEBANON

AMERICAN UNIVERSITY OF BEIRUT: research on the international relations of the Arab countries, directed by Professor Walid Khalidi; \$54,936 for a four-year period; (HSS)

## LIBERIA

CUTTINGTON COLLEGE AND DIVINITY SCHOOL, Suacoco: support of a research program in economics; \$7,500 for a three-year period; (HSS)

## MEXICO

UNIVERSITY OF GUANAJUATO, León: equipment for the Department of Physiology; \$8,500 through December, 1966; (MNS)

UNIVERSITY OF NUEVO LEON, Monterrey: faculty training and the acquisition of research materials for the Faculty of Economics; \$14,500; (HSS)

## NEW ZEALAND

UNIVERSITY OF OTAGO, Dunedin: support of the Fiji virus research program; \$4,500 for a three-year period; (MNS)

## **PERU**

**DR. WILLIAM FLORES**, University of San Marcos, Lima: to conduct serological studies at the Yale Arbovirus Research Unit, New Haven, Connecticut; \$2,475; (MNS)

**DR. JOSE SANTOS MADALENGOITIA**, National Institute of Health, Lima: to conduct serological studies at the Yale Arbovirus Research Unit, New Haven, Connecticut; \$2,475; (MNS)

## **PHILIPPINES**

**RAMON MAGSAYSAY AWARD FOUNDATION**, Manila: development of its Asian library collection; \$15,000; (HSS)

## **PORTUGAL**

**DR. MANUEL R. PINTO**, Institute of Tropical Medicine, Lisbon: to visit virus laboratories in the United States; \$2,140; (MNS)

## **SENEGAL**

### **UNIVERSITY OF DAKAR:**

Research in the Laboratory of Medical Biochemistry; \$7,000 through June, 1966; (MNS)

Dr. René Baylet; to visit public health and medical teaching centers in Latin America; \$1,800; (MNS)

## **SWITZERLAND**

**INTERNATIONAL PRESS INSTITUTE**, Zurich: toward the costs of its Asian program; \$164,700 through April, 1968; (HSS)

## **UGANDA**

**JAMES M. ELICE**, East African Virus Research Institute, Entebbe: to study animal feeding and handling at the University of Texas, Dallas; \$1,070; (MNS)

## **UNITED KINGDOM**

**CHURCHILL COLLEGE**, University of Cambridge: to enable Captain S. W. Roskill to continue a study of naval policy and strategy from 1918 to 1939; \$840 for a two-year period; (HSS)

DITCHLEY FOUNDATION, Enstone: conferences on the needs of developing countries; \$15,000 for a three-year period; (IP)

EXPENSES OF CONSULTATIONS on research on medical care, to be conducted jointly by Queen's College, University of St. Andrews, Dundee; Boston University, Massachusetts; and Thayer Hospital, Waterville, Maine; \$1,600; (MNS)

INSTITUTE OF ADVANCED LEGAL STUDIES, University of London: studies in medieval law, by Professor George O. Sayles; \$25,000 through September, 1967; (HSS)

INSTITUTE FOR STRATEGIC STUDIES, London: to enable Alastair Buchan, director, to undertake a study of the causes, nature, and possible effects of modern warfare; \$7,500 through December, 1967; (HSS)

ROYAL ECONOMIC SOCIETY, Cambridge: commissioning and publishing articles on economic theory; £1,230 (about \$3,444); (HSS)

#### UNIVERSITY OF OXFORD:

All Souls College; research in contemporary Indian history, by Dr. S. Gopal, Ministry of External Affairs, New Delhi, India; \$10,000; (HSS)

St. Antony's College; study of West Germany's future in the context of East-West relations, by Philip Windsor; \$7,600; (HSS)

Charles Elton, Bureau of Animal Population; to visit virus research laboratories in the Caribbean area and Latin America; \$2,950; (MNS)

Nuffield College; research on British voting behavior by David E. Butler; \$3,600; (HSS)

UNIVERSITY OF YORK, Heslington: study of international public finance, by Douglas Dosser; \$4,500 for a 14-month period; (HSS)

#### UNITED STATES

ASSOCIATION OF AMERICAN UNIVERSITIES, Washington, D.C.: to send a delegation of university presidents to the International Association of Universities conference in Tokyo, Japan; \$80,000; (IP)

DR. JOHN Z. BOWERS, president, Josiah Macy, Jr., Foundation, New York: to attend a meeting of the advisory committee of the Study of Training and Utilization of Health Personnel for Underdeveloped Countries, in Dakar, Senegal; \$1,600; (MNS)

BRANDEIS UNIVERSITY, Waltham, Massachusetts: research on the operating logic of the American political party system, by Dr. John P. Roche; \$11,500; (HSS)

CENTER FOR ADVANCED STUDY IN THE BEHAVIORAL SCIENCES, Stanford, California:  
study of the politics of the United States House of Representatives, by Dr.  
Nelson W. Polsby; \$5,500; (HSS)

COLORADO STATE UNIVERSITY, Fort Collins: to enable Dr. J. Leo Cefkin to serve  
as visiting lecturer in political science at the University College of Rhodesia and  
Nyasaland, Salisbury; \$11,000; (HSS)

COLUMBIA UNIVERSITY, New York:

Research in the United States and Europe on Isaac Babel, by Miss Patricia Blake;  
\$10,500 for an 18-month period; (HSS)

To enable Ambassador Shabtai Rosenne, Ministry for Foreign Affairs, Israel, to  
undertake research in the United States and Europe on the modern law of  
treaties; \$10,000; (HSS)

CORNELL UNIVERSITY, Ithaca, New York:

Research in Europe on the evolution of executive power in France and Italy since  
1945, by Professor Mario Einaudi; \$12,500; (HSS)

Research in France on Rousseau's political philosophy, by Professor Walter E.  
Berns; \$7,000; (HSS)

Dr. James A. Perkins, president; to visit academic institutions in Europe, the  
Middle East, and Asia; \$6,110; (IP)

HARVARD UNIVERSITY, Cambridge, Massachusetts:

Study of the origins of representative government, by Dr. Harvey C. Mansfield,  
Jr.; \$8,900; (HSS)

Study of the "Kennedy round" of the General Agreement on Tariffs and Trade  
negotiations, by John W. Evans, United States Mission to International Organiza-  
tions, Geneva, Switzerland; \$8,500; (HSS)

HOSPITALITY AND INFORMATION SERVICE, Washington, D.C.: support of the pro-  
gram to assist foreign diplomats; \$3,000; (IP)

INDIANA UNIVERSITY, Bloomington: study of relations between Soviet Russia and  
Poland from 1917 to 1921, by Dr. Piotr Stefan Wandycz; \$3,000; (HSS)

LIBRARY OF CONGRESS, Washington, D.C.: establishment of a microfilming labora-  
tory at New Delhi, India; \$11,000; (HSS)

MICHIGAN STATE UNIVERSITY, East Lansing:

Dr. John A. Hannah, president; to attend the meetings of the International Associa-  
tion of Universities, in Tokyo, Japan, and to visit universities in the Far East  
and Southeast Asia; \$6,200; (IP)

To enable Dr. Mordechai E. Kreinin to undertake research in Europe on the impact of the European Economic Community on Israel's economy; \$2,800; (HSS)

NATIONAL ACADEMY OF SCIENCES, Washington, D.C.: support of exploratory studies in environmental science; \$35,000; (IP)

NATIONAL HEALTH COUNCIL, New York: development of uniform accounting and reporting by national voluntary health and community welfare agencies, undertaken jointly with the National Social Welfare Assembly, New York; \$105,000 through January, 1967; (IP)

NEW SCHOOL FOR SOCIAL RESEARCH, New York: research in Latin America and Asia on the effects of Western expansion, by I. Robert Sinai; \$9,750; (HSS)

NEW YORK STATE HISTORICAL ASSOCIATION, Cooperstown: to enable Raymond B. Fosdick to prepare a book on the Secretaries General of the League of Nations and the United Nations; \$10,000 for a three-year period; (IP)

NEW YORK UNIVERSITY, New York:

Completion of *A Critical and Historical Corpus of Florentine Painting*, by Professor Emeritus Richard Offner; \$15,000 for a two-year period; (ARTS)

Completion of the first volume of the *International Affairs Codex*, by Professor Alfred de Grazia, Department of Government; \$10,000; (HSS)

OVERSEAS EDUCATION FUND OF THE LEAGUE OF WOMEN VOTERS, Washington, D.C.: training in citizenship education, chiefly for Latin American women; \$25,000 through June, 1968; (IP)

PAN AMERICAN SANITARY BUREAU, Washington, D.C.: Latin American regional training program at the Institute of Microbiology, University of Brazil, Rio de Janeiro; \$15,000 on a matching basis; (MNS)

PRINCETON UNIVERSITY, New Jersey:

Study of political and economic development in Asia, by Dr. William W. Lockwood, Woodrow Wilson School of Public and International Affairs; \$25,000 for a 26-month period; (HSS)

Support of research on the economic effects of patent protection in developing countries; \$15,000; (HSS)

Study, in Southeast Asia, the Middle East, and Africa, of charismatic leadership in new states, by Dr. Ann Ruth Willner, Center of International Studies; \$6,475; (HSS)

PRINCETON UNIVERSITY PRESS, New Jersey: toward publication of a book by Raymond B. Fosdick on the League of Nations; \$1,500 through December, 1966; (IP)

PURCHASE AND DISTRIBUTION of copies of *Planning Academic and Research Library Buildings*, by Dr. Keyes D. Metcalf, to institutions which have received Foundation library development assistance; \$1,800; (1P)

ROCKEFELLER FOUNDATION International Cooperative Program in Virus Research: virus studies at Berkeley, California, and New York, New York; see *International, above*;

SAN FRANCISCO STATE COLLEGE, California: examination of anti-political philosophies in relation to democratic politics in the United States, by Dr. John H. Bunzel; \$12,785; (HSS)

SMITHSONIAN INSTITUTION, Washington, D.C.: field studies in Brazil on the relationship of birds to arthropod-transmitted virus disease, directed by Dr. Philip S. Humphrey, United States National Museum; \$3,583; (MNS)

STUDY OF TRAINING and Utilization of Health Personnel for Underdeveloped Countries, New York: general expenses; \$5,000; (MNS)

SYRACUSE UNIVERSITY, New York: to enable Dr. Frank J. Munger to undertake research on the emergence of constitutional democracy in the Republic of Ireland; \$7,000; (HSS)

UNITED HEALTH FOUNDATIONS, New York: supplement to its administrative budget; \$8,000; (MNS)

UNIVERSITY OF CALIFORNIA:

*Berkeley*

Preparation by Professor Emeritus Hans Kelsen of an intellectual history of his life and times; \$3,500; (HSS)

Study in Europe of Western thought concerning the forms of conflict comprising the Cold War, by Dr. Paul Seabury; \$3,300; (HSS)

Professor Henry Rosovsky; to visit the University of Delhi, India, for lectures and consultations in Japanese economic history; \$1,315; (HSS)

*Los Angeles*

To enable Professor Hans H. Baerwald to conduct research on the role of the Diet in Japanese politics; \$7,500 through August, 1967; (HSS)

UNIVERSITY OF CHICAGO, Illinois:

To enable Professor Kenneth W. Dam to undertake a study of the relationship between supranational organizations and the private economy; \$15,000; (HSS)

Study of revolutionary strategy in relation to Chinese foreign policy, by Dr. Tang Tsou; \$13,500; (HSS)

Critical study of current conceptions about peace and war, by Dr. Gustav Ichheiser; \$5,000; (HSS)

Support of an economic research program on international trade and technical change, directed by Professor Harry G. Johnson; \$2,380 through August, 1966; (HSS)

UNIVERSITY OF FLORIDA, Gainesville: to enable Dr. Irmgard Johnson to participate in the Stephens College Summer Asian Studies Seminar; \$1,500; (HSS)

UNIVERSITY OF HAWAII, Honolulu: support of a seminar on the improvement of library education programs in developing countries; \$10,000; (IP)

UNIVERSITY OF MICHIGAN, Ann Arbor: comparison of legislative representation in the United Kingdom and the United States, by Dr. Donald E. Stokes, Survey Research Center; \$8,670 for an 18-month period; (HSS)

UNIVERSITY OF PENNSYLVANIA, Philadelphia: to enable Dr. Chong-Sik Lee to undertake research on the development of the Korean Communist movement; \$9,500; (HSS)

UNIVERSITY OF SAN FRANCISCO, California: to enable Father Robert A. Graham, S.J., to undertake research in the Vatican archives on Vatican diplomacy during World War II; \$3,500 for an 18-month period; (HSS)

UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles: to enable Dr. Donald E. Queller to complete manuscripts in the field of diplomatic history; \$1,000; (HSS)

UNIVERSITY OF TEXAS, Austin: to enable Dr. Daniel Cosío Villegas to complete a *History of Modern Mexico*; \$45,000 for a three-year period; (HSS)

UNIVERSITY OF VIRGINIA, Charlottesville: study of arms control and disarmament policy under President de Gaulle, by Dr. Edward A. Kolodziej; \$5,000; (HSS)

UNIVERSITY OF WASHINGTON, Seattle:

To enable Dr. Roger M. Smith to undertake a study of the interstate relations of Indochina; \$12,400 for a 16-month period; (HSS)

Study of the development of Malaysia, by Sir Richard Allen, visiting research professor; \$10,000; (HSS)

UNIVERSITY OF WISCONSIN:

*Madison*

To enable Dr. John A. DeNovo to undertake a study of United States relations with the Middle Eastern powers from 1939 to 1950; \$13,550; (HSS)

*Milwaukee*

Investigation of the political and social significance of organized crime in the United States, by Dr. Harold L. Nieburg; \$11,500; (HSS)

VOLUNTEERS FOR INTERNATIONAL TECHNICAL ASSISTANCE, Schenectady, New York: expansion of its program of helping emerging nations solve technical problems; \$72,000 for a three-year period; (IP)

YALE UNIVERSITY, New Haven, Connecticut:

Support of the Yale Arbovirus Research Unit, Department of Epidemiology and Public Health; \$327,000; (MNS)

Research on problems of conflict, consensus, and pluralistic democracy, directed by Professor Robert A. Dahl; \$50,000 for a seven-year period; (HSS)

William L. Twining, University College, Dar es Salaam, Tanzania; to serve as senior fellow of the Yale University Law School; \$7,500;

Support of a training program in virology for medical students; \$5,000 for one year beginning July, 1966; (MNS)

To enable Robert E. Hudec to continue research in Europe on the impact on the General Agreement on Tariffs and Trade, of increased participation by developing countries; \$5,000; (HSS)

Thomas E. Lovejoy, III; laboratory and field work in Brazil on arboviruses and avifauna; \$1,650. (MNS)

**FELLOWS AND SCHOLARS • 1965**



## FELLOWS AND SCHOLARS

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*F: Fellow; S: Scholar; MNS: Medical and Natural Sciences;  
AS: Agricultural Sciences; HSS: Humanities and Social Sciences*

### ARGENTINA

JUAN CARLOS COLAZO Ing.Agr., School of Agriculture, Salesiana, 1949. Plant Science — Genetics and Breeding. Appointed from Pergamino Agricultural Experiment Station. Place of study: Mexico. s-AS

### BOLIVIA

JOSE DANIEL CANDIA ZEBALLOS M.S., Cornell University, 1963. Entomology. Appointed from Agricultural Experimental Station of the Llanos, Santa Cruz. Place of study: U.S.A. s-AS

### BRAZIL

ELISEU ROBERTO DE ANDRADE ALVES B.S., Rural University of the State of Minas Gerais, 1954. Economics. Appointed from Credit and Technical Assistance Association, Belo Horizonte. Place of study: U.S.A. s-HSS

CLAUDIO LUCIO COSTA Agronomist, Agricultural University, Itagui, 1960. Entomology. Appointed from Institute of Agronomy of the State of São Paulo, Campinas. Place of study: England. s-AS

GEORGES DANIEL LANDAU LL.B., University of Brazil, 1960. International Law and Administration. Appointed from University of Brasilia. Place of study: U.S.A. s-HSS

ANGELO BARBOSA MONTEIRO MACHADO M.D., University of Minas Gerais, 1958. Neuroendocrinology. Appointed from University of Minas Gerais. Place of study: U.S.A. F-MNS

ANTONIO CELSO NOVAES DE MAGALHAES Eng.Agr., University of São Paulo, Piracicaba, 1960. Plant Science — Physiology. Appointed from Institute of Agronomy of the State of São Paulo, Campinas. Place of study: U.S.A. s-AS

**WALMOR CARLOS DE MELLO** M.D., University of Brazil, 1955. Physiology. Appointed from University of Brazil. Place of study: England. **F-MNS**

**LOURIVAL CARMO MONACO** M.S., University of California, Davis, 1961. Plant Science — Genetics and Breeding. Appointed from Institute of Agronomy of the State of São Paulo, Campinas. Place of study: U.S.A. **S-AS**

**JOSE PASTORE** M.S., University of São Paulo, São Paulo, 1963. Sociology. Appointed from University of São Paulo. Place of study: U.S.A. **S-HSS**

**HELCIO ULHOA SARAIVA** B.A., University of Minas Gerais, 1963. Sociology. Appointed from University of Minas Gerais. Place of study: U.S.A. **S-HSS**

**WILLIAM JOSE DA SILVA** Eng.Agr., University of São Paulo, Piracicaba, 1962. Plant Science — Genetics and Breeding. Appointed from Institute of Agronomy of the State of São Paulo, Campinas. Place of study: U.S.A. **S-AS**

**HELIO TOLLINI** M.S., Rural University of the State of Minas Gerais, 1964. Economics. Appointed from Rural University of the State of Minas Gerais. Place of study: U.S.A. **S-HSS**

**PEDRO TUCCORI** M.S., Purdue University, 1960. Economics. Appointed from University of Brasilia. Place of study: U.S.A. **S-HSS**

**ROLAND VENCovsky** Eng.Agr., University of São Paulo, Piracicaba, 1958. Biometry. Appointed from University of São Paulo. Place of study: U.S.A. **S-AS**

## **BRITISH GUIANA**

**ALLAN SLADE HOPKINSON** B.A., University of the West Indies, Mona, Jamaica, 1955. Drama. Appointed from University of Guyana. Place of study: U.S.A. **S-HSS**

## **CHILE**

**PAUL ALDUNATE VALDES** M.S., Purdue University, 1965. Economics. Appointed from Catholic University of Chile. Place of study: U.S.A. **S-HSS**

**JORGE ANTIGAS COCH** M.S., Ohio State University, 1960. Entomology. Appointed from University of Concepción. Place of study: U.S.A. **S-AS**

**ALONSO BRAVO MARTINEZ** Agronomist, Catholic University of Chile, 1962. Plant Science — Agronomy. Appointed from Catholic University of Chile. Place of study: U.S.A. **S-AS**

**XIMENA BUNSTER** M.A., Columbia University, 1957. Anthropology. Appointed from University of Chile, Santiago. Place of study: U.S.A. s-hss

**HERNAN CHAIMOVICH GURALNIK** M.S., University of Chile, Santiago, 1962. Biochemistry. Appointed from University of Chile. Place of study: U.S.A. s-mns

**DANIEL CLARO MIMICA** Ing.Agr., University of Chile, Santiago, 1962. Animal Science – Nutrition and Physiology. Appointed from Agricultural Research Institute. Place of study: New Zealand. s-as

**MARIO A. CORBO LIOI** M.A., University of Chicago, 1963. Economics. Appointed from Catholic University of Chile. Place of study: U.S.A. s-hss

**ROBERTO ECHEVERRIA PIFFRE DE VAUBAN** Ing.Agr., University of Chile, Santiago, 1964. Economics. Appointed from University of Chile. Place of study: U.S.A. s-hss

**CARLOS FONCK O'BRIEN** M.S., Cornell University, 1965. Economics. Appointed from University of Chile, Santiago. Place of study: U.S.A. s-hss

**LUCIO GELLER** Comm.Eng., University of Rosario, Argentina, 1959. Economics. Appointed from University of Chile, Santiago. Place of study: England. s-hss

**OMAR M. HENRIQUEZ (FUENTES)** D.V.M., University of Chile, Santiago, 1955. Biometry – Statistics. Appointed from University of the South. Place of study: U.S.A. s-as

**FLAVIO LEVINE CONTRERAS** Comm.Eng., University of Chile, Santiago, 1965. Economics. Appointed from University of Chile. Place of study: U.S.A. s-hss

**ERNESTO LEZAETA HUERTA** Civ.Eng., Catholic University of Chile, 1953. Economics. Appointed from Catholic University of Chile. Place of study: U.S.A. s-hss

**RODRIGO MUJICA ATEAGA** Agronomist, Catholic University of Chile, 1965. Economics. Appointed from Catholic University of Chile. Place of study: U.S.A. s-hss

**IGNACIO RAMIREZ ARAYA** M.S., Washington State University, 1963. Plant Science – Genetics and Breeding. Appointed from Agricultural Research Institute. Place of study: U.S.A. s-as

**THOMAS REICHMANN MULLER** Comm.Eng., University of Chile, Santiago, 1965. Economics. Appointed from University of Chile. Place of study: U.S.A. s-hss

**HERNAN RIVADENEIRA ARENAS** Agronomist, Catholic University of Chile, 1963.  
Plant Science — Agronomy. Appointed from Agricultural Research Institute.  
Place of study: U.S.A. s-as

**IGNACIO RUIZ (NUNEZ)** Agronomist, Catholic University of Chile, 1960. Plant Science —  
Agronomy. Appointed from Agricultural Research Institute. Place of  
study: U.S.A. s-as

**JORGE PEDRO SILVA FUENTES** M.S., University of Kentucky, 1960. Plant Science —  
Agronomy. Appointed from Agricultural Research Institute. Place of study:  
U.S.A. s-as

**RAMON VALDES (LAMAR)** Ing.Agr., University of Chile, Santiago, 1961. Plant Sci-  
ence — Agronomy. Appointed from University of Chile. Place of study: U.S.A.  
s-as

**ANTHONY WYLIE WALBAUM** Agronomist, Catholic University of Chile, 1965. Plant  
Science — Horticulture. Appointed from Catholic University of Chile. Place of  
study: U.S.A. s-as

## **COLOMBIA**

**LUIS EDUARDO ACOSTA HOYOS** Lic., University of Antioquia, 1961. Library Sci-  
ence. Appointed from University of Antioquia. Place of study: U.S.A. s-hss

**HECTOR ENRIQUE ALVAREZ GARCIA** D.V.M., University of Caldas, 1964. Animal  
Science — Poultry Husbandry. Appointed from Colombian Institute of Agricul-  
ture. Place of study: U.S.A. s-as

**NORMANDO ARBELAEZ** Lic. in Bacteriology and Natural Sciences, University of  
the Andes, Bogotá, 1964. Epidemiology. Appointed from University of Valle.  
Place of study: U.S.A. s-mns

**HORATIO AYALA** D.V.M., National University of Colombia, Bogotá, 1963. Animal  
Science — Physiology and Nutrition. Appointed from Colombian Institute of Agri-  
culture. Place of study: U.S.A. s-as

**VICTOR BELTRAN** B.A., University of Valle, 1965. Economics. Appointed from  
University of Valle. Place of study: U.S.A. s-hss

**JULIAN ALBERTO BUITRAGO ARBELAEZ** D.V.M., National University of Colombia,  
Bogotá, 1962. Animal Science — Nutrition and Physiology. Appointed from Col-  
ombian Institute of Agriculture. Place of study: U.S.A. s-as

**FABIO BUSTAMANTE** Ing.Agr., National University of Colombia, Medellín, 1961.  
Engineering. Appointed from National University of Colombia. Place of study:  
U.S.A. s-as

**ELKIN BUSTAMANTE ROJAS** Ing.Agr., National University of Colombia, Medellín,  
1960. Plant Science – Pathology. Appointed from Colombian Institute of Agri-  
culture. Place of study: U.S.A. s-as

**JOSE JOAQUIN CASTANO** M.S., University of Minnesota, 1955. Plant Science –  
Pathology. Appointed from Colombian Institute of Agriculture. Place of study:  
U.S.A. s-as

**GILBERTO CORREA** B.A., University of Valle, 1965. Economics. Appointed from  
University of Valle. Place of study: U.S.A. s-hss

**VICENTE DAVILA-SUAREZ** Ing.Agr., National University of Colombia, Bogotá,  
1964. Plant Science – Agronomy. Appointed from Colombian Institute of Agri-  
culture. Place of study: U.S.A. s-as

**LUIS HEBER FAJARDO** LL.D., University of Rome, Italy, 1956. Sociology. Ap-  
pointed from University of Valle. Place of study: U.S.A. s-hss

**ANIBAL GOMEZ R.** B.A., University of Valle, 1965. Economics. Appointed from  
University of Valle. Place of study: U.S.A. s-hss

**FOCION GONZALEZ HENAO** D.V.M., National University of Colombia, Bogotá, 1961.  
Animal Science – Animal Husbandry. Appointed from Colombian Institute of  
Agriculture. Place of study: U.S.A. s-as

**ANTONIO GUERRA** M.D., National University of Colombia, Bogotá, 1963. Pharma-  
cology. Appointed from University of Valle. Place of study: U.S.A. f-mns

**RODRIGO GUERRERO-VELASCO** M.D., University of Valle, 1962. Public Health.  
Appointed from University of Valle. Place of study: U.S.A. f-mns

**ERNESTO HUERTAS VEGA** D.V.M., National University of Colombia, Bogotá, 1963.  
Animal Science – Physiology. Appointed from Colombian Institute of Agricul-  
ture. Place of study: U.S.A. s-as

**FRANCISCO LINARES NINO** M.D., National University of Colombia, Bogotá, 1960.  
Clinical Nutrition. Appointed from University of Valle. Place of study: U.S.A.  
f-mns

**GUSTAVO MANRIQUE LONDONO** D.V.M., University of Caldas, 1959. Veterinary  
Science – Microbiology. Appointed from Colombian Institute of Agriculture.  
Place of study: U.S.A. s-as

**FRANKLIN EMERSON MAIGUASHCA GUEVARA** M.A., University of Texas, 1961. Economics. Appointed from University of Valle. Place of study: U.S.A. s-HSS

**OTTO MARIO MARIN RAMIREZ** D.V.M., National University of Colombia, Bogotá, 1963. Animal Science – Poultry Husbandry. Appointed from Colombian Institute of Agriculture. Place of study: U.S.A. s-AS

**BENJAMIN GERARDO OTERO GARCIA** Dipl., Pedagogical and Technological University of Colombia, Tunja, 1957. Linguistics. Appointed from University of Valle. Place of study: U.S.A. s-HSS

**EDMUNDO PEREZ MONTENEGRO** Ing.Agr., National University of Colombia, Bogotá, 1954. Plant Science – Genetics and Breeding. Appointed from Colombian Institute of Agriculture. Place of study: Mexico. s-AS

**JAIME EDUARDO PINEDA MORALES** D.V.M., National University of Colombia, Bogotá, 1965. Animal Science – Dairy Husbandry. Appointed from Colombian Institute of Agriculture. Place of study: U.S.A. s-AS

**ALI ROMERO** B.A., University of Valle, 1965. Economics. Appointed from University of Valle. Place of study: U.S.A. s-HSS

**DANIEL SABRIA** Ing.Agr., National University of Colombia, Palmira, 1949. Plant Science – Genetics and Breeding. Appointed from Colombian Institute of Agriculture. Place of study: Mexico. s-AS

**JOSE S. SERRANO MOLINA** M.D., University of Seville, Spain, 1961. Pharmacology. Appointed from University of Valle. Place of study: U.S.A. F-MNS

**JULIO CESAR TORO MEZA** Ing.Agr., University of Paraná, Curitiba, Brazil, 1961. Plant Science – Agronomy. Appointed from Colombian Institute of Agriculture. Place of study: U.S.A. s-AS

## **CONGO**

**ANDRE R. ILUNGA KABONGO** Lic. (Law), Lovanium University, 1964. Political Science. Appointed from Lovanium University. Place of study: U.S.A. s-HSS

**ETIENNE NDONGALA** Lic., Lovanium University, 1963. Economics. Appointed from Lovanium University. Place of study: France. s-HSS

## **COSTA RICA**

**JOSE LUIS VEGA** B.A., Brandeis University, 1965. Sociology. Appointed from University of Costa Rica, San José. Place of study: U.S.A. s-HSS

## DENMARK

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## ECUADOR

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## ETHIOPIA

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## GUATEMALA

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Biometry. Appointed from University of San Carlos. Place of study: Mexico. s-as

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Plant Science – Genetics and Breeding. Appointed from National Agricultural Institute, La Aurora. Place of study: Mexico. s-as

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## INDIA

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Histochemistry. Appointed from All India Institute of Medical Sciences. Place of study: U.S.A. f-mns

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## **IRAN**

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## J A P A N

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## K E N Y A

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AHMED MOHIDDIN MOHAMED M.A., University of Saskatchewan, Canada, 1963. Political Science. Appointed from University College, Nairobi. Place of study: Canada. S-HSS

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FRANCIS MBUGUA MWILILA M.A., University of Pittsburgh, 1965. Economics. Appointed while studying at University of Pittsburgh. Place of study: U.S.A. S-HSS

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## M A L A Y S I A

MOHAMED ZAIN BIN HAJI ABDUL KARIM M.S., University of New Zealand, Christchurch, 1962. Plant Science – Physiology. Appointed from University of Malaya. Place of study: U.S.A. S-AS

## M E X I C O

CARLOS ARELLANO SOTA D.V.M., National University of Mexico, 1964. Veterinary Science – Virology. Appointed from National Center for Livestock Research. Place of study: U.S.A. S-AS

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S-AS

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Research. Place of study: U.S.A. S-AS

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ture. Place of study: U.S.A. S-AS

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S-AS

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## NATIONAL REPUBLIC OF CHINA

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## NICARAGUA

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## NIGERIA

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## PAKISTAN

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## PERU

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## PHILIPPINES

GEMINO HENSON ABAD B.A., University of the Philippines, Quezon City, 1963.  
Literature. Appointed from University of the Philippines. Place of study: U.S.A.  
S-HSS

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Botany and Bacteriology. Appointed from University of the Philippines. Place  
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S-AS

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Plant Science - Horticulture. Appointed from University of the Philippines. Place  
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Virology. Appointed from University of the Philippines. Place of study: U.S.A.  
S-MNS

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Mathematics. Appointed from University of the Philippines. Place of study:  
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**LAURA SARMIENTO PARGAS** M.A., University of the Philippines, Quezon City, 1962.  
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Health. Appointed from University of the Philippines. Place of study: U.S.A.  
F-MNS

**VICENTE FERRER POBLETE, JR.** M.D., University of the Philippines, Quezon City,  
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**ROGER R. POSADAS** B.S., University of the Philippines, Quezon City, 1964. Physics.  
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s-as

**SIGRID SCHMIDT RODOLFO** M.S., Western Reserve University, 1959. Chemistry.  
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Chemistry. Appointed from University of the Philippines. Place of study: U.S.A.  
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Zoology. Appointed from University of the Philippines. Place of study: U.S.A.  
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Political Science. Appointed from University of the Philippines. Place of study:  
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## R H O D E S I A

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## S I E R R A L E O N E

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## S U D A N

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**ABDEL WAHAB ABDEL RAHIM** M.A., Victoria University of Manchester, England, 1963. Economic History. Appointed from University of Khartoum. Place of study: England. s-hss

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## TANZANIA

**MOHAMED HASSAN ABDULAZIZ** B.A., University of London, England, 1962. Literature. Appointed from University College, Dar es Salaam. Places of study: Tanzania, England. s-hss

**YASH PAL GHAI** LL.M., Harvard University, 1963. Political Science. Appointed from University College, Dar es Salaam. Places of study: India, Nigeria, England. s-hss

**ADOLFO CARIDADE MASCARENHAS** B.A., Makerere University College, Kampala, Uganda, 1961. Geography. Appointed from University College, Dar es Salaam. Place of study: U.S.A. s-hss

## THAILAND

**AROON CHANTANAQ** M.S., Oregon State University, 1960. Plant Science – Nematology. Appointed from Kasetsart University. Place of study: U.S.A. s-as

**ANONG CHANTARASRIKUL** M.S., University of Wisconsin, Madison, 1957. Plant Science – Pathology. Appointed from Ministry of Agriculture. Place of study: U.S.A. s-as

**KASETSIRI CHARNVIT** B.A., Thammasat University, 1964. Political Science. Appointed from Thammasat University. Place of study: U.S.A. s-hss

**CHIRAVAT SADAVONGVIVAD** B.S., University of Medical Sciences, 1964. Pharmacology. Appointed from University of Medical Sciences. Place of study: U.S.A. s-MNS

**VIDHURN HONGSUMALYA** M.S., Oregon State University, 1958. Physics. Appointed from Kasetsart University. Place of study: U.S.A. s-AS

**SIRIPHONG INTRAMA** M.S., University of Minnesota, 1959. Plant Science – Pathology. Appointed from Kasetsart University. Place of study: U.S.A. s-AS

**KOVIT KOVITVADHI** M.S., Clemson University, 1961. Entomology. Appointed from Ministry of Agriculture. Place of study: U.S.A. s-AS

**LADAWAN WANACHAMRAS** B.A., Chulalongkorn University, 1960. English Education. Appointed from University of Medical Sciences. Place of study: U.S.A. s-MNS

**PAH-YAP KAMNERDRATANA** B.S., Kasetsart University, 1958. Forestry. Appointed from Kasetsart University. Place of study: U.S.A. s-AS

**SUWIT PIAKIJAGUM** B.S., University of Medical Sciences, 1965. Biochemistry. Appointed from University of Medical Sciences. Place of study: U.S.A. s-MNS

**PINIT RATANAKUL** M.A., Chulalongkorn University, 1964. Philosophy. Appointed from Thammasat University. Place of study: U.S.A. s-HSS

**SERIN PUNNAHITANOND** M.A., University of New Hampshire, 1958. Sociology. Appointed from Chulalongkorn University. Place of study: U.S.A. s-HSS

**CHOOMPHOL SWASDIYAKORN** M.P.A., Syracuse University, 1957. Public Administration. Appointed from Chulalongkorn University. Place of study: U.S.A. s-HSS

## UGANDA

**WEDSON V. C. CHIPETA** B.S., Makerere University College, 1965. Economics. Appointed from Makerere University College. Place of study: U.S.A. s-HSS

**ALI HUSSEIN DARWISH** D.F.A., University of London, England, 1963. History. Appointed from Makerere University College. Place of study: England. s-HSS

**JOSEPH IGNATIUS FERNANDEZ** B.S., Makerere University College, 1965. Solar Physics. Appointed from Makerere University College. Place of study: U.S.A. s-MNS

**DHARAM PAL GHAI** M.A., Yale University, 1961. Economics. Appointed from Makerere University College. Place of study: U.S.A. s-HSS

BENSON KATELA KANTAI B.A., Makerere University College, 1965. History. Appointed from University of East Africa, Kampala. Place of study: England. s-HSS

SOLOMON MBABI-KATANA L.R.A.M., University of London, England, 1958. Music. Appointed from Makerere University College. Place of study: U.S.A. s-HSS

RICHARD MAZENGO B.S., Makerere University College, 1964. Chemistry. Appointed from Makerere University College. Place of study: England. s-MNS

PHILEMON MAGHIMBI MSUYA M.Sc., Wayne State University, 1962. Biochemistry. Appointed from Makerere University College. Place of study: U.S.A. s-MNS

PAULO EDWARD MUGAMBI M.S., University of Southampton, England, 1963. Physics. Appointed from Makerere University College. Place of study: U.S.A. s-MNS

JOHN NJUKIA B.S., Makerere University College, 1965. Economics. Appointed from Makerere University College. Place of study: England. s-HSS

DHIRAJ VELJI TANNA B.S., Makerere University College, 1965. Economics. Appointed from Makerere University College. Place of study: U.S.A. s-HSS

## UNITED STATES

JOHN HERMAN BLAKE B.A., New York University, 1960. Sociology. Appointed from University of California, Berkeley. Place of study: U.S.A. s-HSS

RONALD SCOTT MILNER Literature. Place of study: U.S.A. F-HSS

## WEST INDIES

ERROL GASTON HILL M.F.A., Yale University, 1962. Drama. Appointed from University of the West Indies, Port-of-Spain. Places of study: U.S.A., Caribbean region. s-HSS



## **FINANCIAL STATEMENTS • 1965**

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**Summary of Appropriations and Payments 185**

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**Payments 192**

## FINANCIAL SUMMARY FOR 1965

THE TRUSTEES OF The Rockefeller Foundation approved \$35.9 million in new appropriations during 1965.

The Foundation's five major areas of interest received a total of \$20.4 million, allocated as follows: Toward the Conquest of Hunger—\$8.5 million; University Development—\$2.6 million; Problems of Population—\$3.1 million; Toward Equal Opportunity—\$2.8 million; Aiding Our Cultural Development—\$3.4 million. For projects closely related to these five program areas, \$4.9 million was appropriated. Grants in aid were funded with \$2.9 million, and fellowships with \$3.2 million. Appropriations of \$2.2 million were made for supporting services and \$2.3 million for administrative costs, bringing total appropriations to \$35.9 million.

These new commitments bring to a total of \$869.9 million the appropriations of The Rockefeller Foundation during the 52 years of its existence.

Payments during 1965 on current and prior appropriations were \$30.3 million. These payments were made from the Foundation's income for the year of \$29.1 million and from \$1.2 million of principal. By the end of 1965, the Foundation's total payments for the 52-year period were \$799 million, of which \$664.9 million was paid from income, while \$134.1 million was paid from principal.

At December 31, commitments for future payments aggregated \$70.9 million.

The Foundation continued the diversification of its investments by the sale of 75,400 shares of Standard Oil Company (New Jersey) capital stock. The proceeds, together with the proceeds from the sales of other securities, were reinvested in other common stocks, including two issues not previously represented in the portfolio.

The financial statements, and the opinion of Haskins & Sells, independent public accountants, are presented in the following pages.

# ACCOUNTANTS' OPINION

HASKINS & SELLS

CERTIFIED PUBLIC ACCOUNTANTS

TWO BROADWAY  
NEW YORK 10004

February 18, 1966

Board of Trustees,  
The Rockefeller Foundation,  
111 West 50th Street,  
New York.

Dear Sirs:

We have examined the balance sheet of The Rockefeller Foundation, including the schedule of marketable securities, as of December 31, 1965 and the related statement of income and appropriations, statement of principal fund, summary of appropriations and payments, and summary of transactions in marketable securities for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying financial statements and schedule present fairly the financial position of the Foundation at December 31, 1965 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Yours truly,

*Haskins & Sells.*

BALANCE SHEET • DECEMBER 31, 1965

**A S S E T S**

**INVESTMENTS:**

Marketable securities—at cost or market value at date of gift or receipt (quoted market value, \$832,694,772)	\$240,478,335
Interest-bearing cash deposits	18,172,980
	<hr/>
	258,651,315

CASH ON HAND AND ON DEPOSIT	1,650,235
ADVANCES AND ACCOUNTS RECEIVABLE	1,549,310
PROPERTY—at nominal or depreciated amount	134,193
	<hr/>
<b>TOTAL</b>	<b>\$261,985,053</b>
	<hr/>

**F U N D S   A N D   O B L I G A T I O N S**

PRINCIPAL FUND	\$190,751,658
UNPAID APPROPRIATIONS	70,875,635
ACCOUNTS PAYABLE	223,567
PROPERTY FUND	134,193
	<hr/>
<b>TOTAL</b>	<b>\$261,985,053</b>
	<hr/>

# STATEMENT OF INCOME AND APPROPRIATIONS

FOR THE YEAR ENDED DECEMBER 31, 1965

## INCOME:

Dividends	\$ 27,260,354
Interest on bonds	1,259,174
Interest on cash deposits	617,587
	<hr/>
	29,137,115

## APPROPRIATIONS:

During the year	\$35,936,896
Less refunds and lapses of unexpended balances	2,061,227
	<hr/>
EXCESS OF APPROPRIATIONS OVER INCOME FOR THE YEAR CHARGED TO PRINCIPAL FUND	33,875,669
	<hr/>
	\$ 4,738,554
	<hr/>

## STATEMENT OF PRINCIPAL FUND

FOR THE YEAR ENDED DECEMBER 31, 1965

BALANCE, JANUARY 1, 1965	\$185,849,416
ADD:	
Excess of proceeds from sales of securities over ledger amount	9,615,711
Contributions received	25,085
	<hr/>
	195,490,212
DEDUCT: Excess of appropriations over income for the year	4,738,554
BALANCE, DECEMBER 31, 1965	<hr/> \$190,751,658
	<hr/>

## SUMMARY OF APPROPRIATIONS AND PAYMENTS

FOR THE YEAR ENDED DECEMBER 31, 1965

UNPAID APPROPRIATIONS, JANUARY 1, 1965	\$ 67,313,549
APPROPRIATIONS:	
During the year	\$35,936,896
Less refunds and lapses of unexpended balances	2,061,227
	<hr/>
	101,189,218
PAYMENTS DURING THE YEAR	30,313,583
UNPAID APPROPRIATIONS, DECEMBER 31, 1965	<hr/> \$ 70,875,635
	<hr/>

**SUMMARY OF TRANSACTIONS IN  
MARKETABLE SECURITIES**

**FOR THE YEAR ENDED DECEMBER 31, 1965**

Ledger Amount of Securities, January 1, 1965		\$238,417,406
Purchased	\$20,095,686	
Otherwise Acquired	3,729,063	23,824,749
		262,242,155
Sold	11,111,302	
Redeemed at Maturity	6,919,363	
Otherwise Disposed Of	3,729,063	
Amortization of Bond Premiums	4,092	21,763,820
Ledger Amount of Securities, December 31, 1965		\$240,478,335

**TRANSACTIONS IN MARKETABLE SECURITIES**

**FOR THE YEAR ENDED DECEMBER 31, 1965**

<b>PURCHASED:</b>		<b>LEDGER AMOUNT</b>
\$ 3,000,000	U. S. Treasury Bills	\$ 2,960,244
19,200	shares Aluminum Company of America	1,213,867
8,200	" American Home Products Corporation	620,202
15,000	" Consumers Power Company	857,673
5,000	" Corning Glass Works	1,024,071
37,750	" Crown Zellerbach Corporation	1,901,089
10,000	" DuPont (E. I.) de Nemours and Company	2,341,178
12,000	" General Motors Corporation	1,204,050
9,700	" Great American Insurance Company	621,273
16,200	" Hanna Mining Company	874,114
14,700	" International Paper Company	490,872
20,000	" Minnesota Mining & Manufacturing Company	1,228,269
19,700	" Owens-Corning Fiberglas Corporation	1,173,502
24,500	" Philips Gloeilampenfabrieken	1,047,950
21,000	" Pittsburgh Plate Glass Company	1,478,043
30,000	" Scott Paper Company	1,059,289
		\$ 20,095,686

**TRANSACTIONS IN MARKETABLE SECURITIES *continued***  
**FOR THE YEAR ENDED DECEMBER 31, 1965**

OTHERWISE ACQUIRED:		LEDGER AMOUNT
1,028	shares Dow Chemical Company received as a stock dividend on 51,448 shares owned of record March 16, 1965	—
59,300	" Eastman Kodak Company received in a stock split on 59,300 shares owned of record April 27, 1965	—
97,500	" General Motors Corporation received in exchange for 30,000 shares Christiana Securities Company owned of record January 4, 1965 in accordance with Exchange Offer	\$ 3,729,063
41,600	" McGraw-Edison Company received in a stock split on 41,600 shares owned of record March 18, 1965	—
721	" Monsanto Company received as a stock dividend on 36,060 shares owned of record November 5, 1965	—
1,250	" National Cash Register Company received as a stock dividend on 25,000 shares owned of record November 5, 1965	—
2,462	" Philips Gloeilampenfabrieken received as a stock dividend on 49,255 shares owned of record May 5, 1965	—
5,833	" Security First National Bank (Los Angeles) received in a stock split on 23,332 shares owned of record April 21, 1965	—
5,833	" Security First National Bank (Los Angeles) received as a stock dividend on 29,165 shares owned of record April 21, 1965	—
30,000	" Union Carbide Corporation received in a stock split on 30,000 shares owned of record May 6, 1965	—
		<hr/>
		\$ 3,729,063
		<hr/>

SOLD:		PROCEEDS	LEDGER AMOUNT
\$ 3,000,000	U. S. Treasury Bills	\$ 3,000,000	\$ 3,000,000
57,800	shares First National Bank of Chicago	3,451,968	1,153,433
32,000	" National Union Fire Insurance Company	1,157,840	1,374,434
24,500	" Philips Gloeilampenfabrieken	776,709	943,015
25,000	" Richardson-Merrell Incorporated	1,829,954	1,211,366
75,400	" Standard Oil Company (New Jersey)	6,378,041	390,271
90,000	" Westinghouse Electric Corporation	4,132,374	3,038,703
	Fractional shares	127	80
		<hr/>	<hr/>
		\$ 20,727,013	\$ 11,111,302
		<hr/>	<hr/>

TRANSACTIONS IN MARKETABLE SECURITIES *concluded*

FOR THE YEAR ENDED DECEMBER 31, 1965

## REDEEMED AT MATURITY:

\$ 7,000,000	U. S. Treasury Bills	PROCEEDS	LEDGER AMOUNT
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\$ 6,919,363	\$ 6,919,363
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## OTHERWISE DISPOSED OF:

30,000	shares Christiana Securities Company owned of record January 4, 1965, ex- changed for 97,500 shares General Motors Corporation in accordance with Exchange Offer	PROCEEDS	LEDGER AMOUNT
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\$ 3,729,063	\$ 3,729,063
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**SCHEDULE OF MARKETABLE SECURITIES**

**DECEMBER 31, 1965**

BONDS	PAR	LEDGER AMOUNT	MARKET VALUE
<i>United States Government Obligations:</i>			
<i>Treasury Bills:</i>			
March 10, 1966	\$ 1,000,000	\$ 980,148	\$ 980,148
<i>Treasury Bonds:</i>			
3½%-May 15, 1968	1,000,000	995,000	975,000
2½%-December 15, 1964-69	12,000,000	11,556,563	11,077,500
<i>Treasury Notes:</i>			
3½%-February 15, 1967	12,000,000	11,957,198	11,831,250
<b>Total U. S. Government Obligations</b>	<b>26,000,000</b>	<b>25,488,909</b>	<b>24,863,898</b>
<i>Other Bonds:</i>			
American Telephone & Telegraph Co. 3½% 34 yr. Deb. July 1, 1990	2,000,000	2,040,497	1,730,000
Dallas Power & Light Co. 4¼% 1st Mtge. December 1, 1986	500,000	502,971	460,000
General Motors Acceptance Corp. 5% 20 yr. Deb. August 15, 1977	1,000,000	975,000	1,015,000
Illinois Bell Telephone Co. 4¼% 1st Mtge. Series "E" March 1, 1988	1,000,000	1,010,162	917,500
International Bank for Reconstruction and Development 3½% October 15, 1971	1,000,000	980,000	927,500
Michigan Bell Telephone Co. 4¾% 35 yr. Deb. December 1, 1991	1,000,000	1,016,847	927,500
The Mountain States Telephone & Telegraph Co. 4¾% 31 yr. Deb. February 1, 1988	1,000,000	1,009,272	933,750
Pacific Gas & Electric Co. 4½% 1st and Ref. Mtge. "AA" December 1, 1986	1,000,000	1,010,508	952,500
Public Service Electric & Gas Co. 4¾% 1st and Ref. Mtge. November 1, 1986	1,000,000	1,008,815	935,000
<b>Total Other Bonds</b>	<b>9,500,000</b>	<b>9,554,072</b>	<b>8,798,750</b>
<b>Total Bonds</b>	<b>\$ 35,500,000</b>	<b>\$ 35,042,981</b>	<b>\$ 33,662,648</b>

**SCHEDULE OF MARKETABLE SECURITIES *continued***  
**DECEMBER 31, 1965**

Stocks	SHARES	LEDGER AMOUNT	MARKET VALUE
Aluminum Company of America	19,200	\$ 1,213,867	\$ 1,471,200
American Electric Power Company, Inc.	132,392	1,074,601	5,792,150
American Home Products Corporation	38,200	2,563,482	3,232,675
American Smelting & Refining Company	66,000	1,894,808	4,719,000
American Telephone & Telegraph Company	155,928	3,549,940	9,472,504
Consolidated Natural Gas Company	300,000	3,603,294	21,225,000
Consumers Power Company	49,700	2,509,303	2,795,625
Continental Insurance Company	48,875	2,064,961	3,616,750
Continental Oil Company	300,000	2,015,418	21,375,000
Corning Glass Works	35,000	4,728,113	7,997,500
Crown Zellerbach Corporation	62,500	2,492,257	3,031,250
Dow Chemical Company	52,476	2,527,688	4,047,212
DuPont (E. I.) de Nemours and Company	10,000	2,341,178	2,392,500
Eastman Kodak Company	118,600	7,790,263	13,920,675
Firestone Tire & Rubber Company	30,000	1,284,393	1,338,750
Ford Motor Company	492,891	22,948,266	26,800,948
General Electric Company	184,000	11,176,137	21,712,000
General Motors Corporation	167,832	8,077,167	17,370,612
Goodrich (B. F.) Company	50,000	1,839,893	2,837,500
Great American Insurance Company	29,700	1,887,135	1,956,488
Hanna Mining Company	69,075	3,172,463	4,161,769
Hartford Fire Insurance Company	102,000	2,178,528	8,109,000
Hooker Chemical Corporation	70,860	2,681,249	3,675,862
Inland Steel Company	30,000	749,508	1,338,750
Insurance Company of North America	50,000	2,411,908	4,281,250
International Business Machines Corporation	24,813	4,786,660	12,381,687
International Nickel Company of Canada, Ltd.	110,000	2,767,560	9,927,500
International Paper Company	251,402	2,861,119	7,730,612
Kennecott Copper Corporation	30,000	1,756,180	3,678,750
Marathon Oil Company	212,241	3,708,384	11,965,086
McGraw-Edison Company	83,200	1,635,791	3,244,800
Minnesota Mining & Manufacturing Company	100,000	6,312,717	6,800,000
Monsanto Company	36,781	792,461	3,140,178
National Cash Register Company	26,250	1,821,986	2,027,813
National Steel Corporation	80,000	3,541,514	4,990,000
Owens-Corning Fiberglas Corporation	40,000	2,530,742	2,680,000

**SCHEDULE OF MARKETABLE SECURITIES *concluded***  
**DECEMBER 31, 1965**

**STOCKS — *concl'd***

	SHARES	LEDGER AMOUNT	MARKET VALUE
Peoples Gas Light & Coke Company	84,000	\$ 1,057,373	\$ 3,580,500
Phelps Dodge Corporation	45,000	1,186,128	3,341,250
Philips Gloeilampenfabrieken	27,217	1,047,594	853,933
Pittsburgh Plate Glass Company	61,800	3,981,579	4,472,775
Scott Paper Company	123,000	4,064,000	4,704,750
Security First National Bank (Los Angeles)	34,998	1,655,686	1,566,160
Socony Mobil Oil Company, Inc.	300,000	7,778,152	29,025,000
Southern Company (The)	26,000	1,016,586	1,735,500
Standard Oil Company of California	231,525	1,893,562	18,493,059
Standard Oil Company (Indiana)	2,000,000	14,184,718	94,750,000
Standard Oil Company (New Jersey)	4,224,349	21,865,257	339,532,051
Travelers Corporation (The)	100,000	856,385	4,312,500
Union Carbide Corporation	60,000	2,973,773	4,110,000
Union Tank Car Company	100,000	593,187	6,550,000
United States Steel Corporation	55,000	2,797,695	2,873,750
Upjohn Company	50,000	2,529,555	3,762,500
Western Bancorporation	60,000	2,057,273	2,167,500
Weyerhaeuser Company	150,000	2,805,917	5,962,500
 Total Stocks		 \$205,435,354	 \$799,032,124

**S U M M A R Y**

Bonds:	LEDGER AMOUNT	MARKET VALUE
U.S. Government Obligations	\$ 25,488,909	\$ 24,863,898
Other Bonds	9,554,072	8,798,750
	<hr/>	<hr/>
	35,042,981	33,662,648
Stocks	205,435,354	799,032,124
Total	<hr/>	<hr/>
	\$240,478,335	\$832,694,772
	<hr/>	<hr/>

## PAYMENTS • 1965

Approximately 80 per cent of all 1965 payments were made in the United States, including expenditures for equipment and supplies purchased for shipment to foreign grantees.

Payments marked ( ) represent refunds.

### INTERNATIONAL

#### Cooperative programs of The Rockefeller Foundation

Conquest of Hunger — field staff in the Agricultural Sciences	\$1,657,593
University Development — Program development and field staff in the Humanities and Social Sciences	443,302
Virus Research Program — field staff	489,173
Field Research in Medical Sciences, Nutrition, and Population Problems	475,375
Documentary Film — Cooperative program in Agricultural Sciences	3,492

#### Organization of American States

##### *Inter-American Institute of Agricultural Sciences, Costa Rica*

Secretariat for Latin American Association of Plant Science	10,113
Latin American Association of Plant Science, Sixth International Symposium	19,309
Meeting on Latin American graduate training programs in agricultural sciences	3,597

#### Pan American Sanitary Bureau

##### *Latin American Regional Training Program, Rio de Janeiro*

15,000

#### United Nations

##### *Economic Commission for Asia and the Far East*

Expanded demographic program 50,000

##### *Food and Agriculture Organization, Italy*

Veterinary and animal husbandry education for Latin America (15,000)

Training awards for Middle Eastern wheat specialists 36,800

### ALGERIA

Fellowships and scholarships for individuals 129

PAYMENTS • 1965

**ARGENTINA**

Institute of Biochemical Investigations		
Contribution toward fellowship operations	\$	1,000
National University of Córdoba		
Institute of Pharmacology, development		1,239
Torcuato di Tella Institute		
Support of the International Center for Comparative Social Research		29,000
Support of the Latin American Center for Advanced Musical Studies		51,867
University of Buenos Aires		
Study of architecture and civic design in the United States		845
Development of the Faculties of Medical Sciences, Pharmacy and Chemistry, and Exact and Natural Sciences		15,175
University of Cuyo		
Development of the Faculty of Medical Sciences		50,703
Other support		
Fellowships, scholarships, and travel grants to individuals		87,651

**A U S T R A L I A**

Australian National University		
Research on arboviruses in New Guinea		7,500
Study of Australian foreign aid in Southeast Asia		5,320
Queensland Institute of Medical Research		
Research on arboviruses		15,000
University of Adelaide		
Equipment for the Waite Agricultural Research Institute		15,000
University of New England		
Contribution toward fellowship operations		1,000
University of Queensland		
Support of the Heron Island Research Station of the Great Barrier Reef Committee		28,618
Victoria State Forest Commission		
Equipment for the Forests Pathology Laboratory		186
Other support		
Fellowships, scholarships, and travel grants to individuals		15,165

PAYMENTS • 1965

**AUSTRIA**

Academy for Music and Performing Arts	
Program for Hungarian refugee students	\$ (115)
University of Technology, Vienna	
Contribution toward fellowship operations	500

**BAHAMAS**

Travel grants to individuals	81
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**BELGIUM**

Catholic University of Louvain	
Contribution toward fellowship operations	1,000
Other support	
Fellowships and scholarships for individuals	7,082

**BOLIVIA**

Fellowships and scholarships for individuals	3,037
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**BRAZIL**

Brazilian Society of Genetics	
Support of research in genetics	5,000
Campaign for the Improvement of Higher Education	
Personnel	
Support of research	8,169
Faculty of Medical and Biological Sciences of Botucatú	
Support of research in the Laboratory of Animal Genetics	2,068
Faculty of Philosophy, Sciences, and Letters of Rio Claro	
Studies on bee genetics, management, and behavior	2,850
Institute of Agronomy of the State of São Paulo	
Development	7,518
Paulista School of Medicine	
General development	2,727
São Paulo State Secretariat of Agriculture	
Research at the Animal Nutrition Research Center	26,947
Expenses of the Ninth International Grasslands Congress	5,653

PAYMENTS • 1965

Research equipment for the museum of the Department of Zoology	\$ 4,484
<b>University of Bahia</b>	
Support of research in the Laboratory of Human Genetics	1,000
Study of the government and politics of Brazil	2,555
<b>University of Brasilia</b>	
Support of research in the Department of Genetics	9,720
<b>University of Brazil</b>	
Research equipment	4,533
<b>University of Minas Gerais</b>	
Research in the Institute of General Biology	1,781
Development of the Faculty of Medicine	22,328
<b>University of Paraná</b>	
Catalogue of neotropical bees	5,081
Support of research in the Laboratory of Human Genetics	9,440
<b>University of Rio Grande do Sul</b>	
Support of research in the Laboratory of Human Genetics	364
Support of research in the Laboratory of Animal Genetics	3,349
Support of research in the Laboratory of Molecular Genetics	2,500
Research equipment for the Department of Pathology	12,481
Support of the Faculty of Medicine and Institute of Natural Sciences	794
<b>University of São Paulo</b>	
Contribution toward fellowship operations	1,000
Equipment for the Department of Physiology	400
Support of research in the Laboratory of Medical Genetics	406
Support of research in the Laboratory of Animal Genetics	8,133
Support of research in the Laboratory of Human Genetics	1,000
Research at the School of Agriculture, Piracicaba	2,500
Research on the biochemistry of chromosomes	8,118
Research in the Laboratory of Electron Microscopy	565

PAYMENTS • 1965

**BRAZIL (cont'd)**

Cooperative program	
Belém Virus Laboratories	\$ 51,107
Other support	
Fellowships, scholarships, and travel grants to individuals	202,446
Miscellaneous	37

**BRITISH GUIANA**

Fellowships and scholarships for individuals	3,976
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**CANADA**

McGill University

Contribution toward fellowship operations	4,000
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McMaster University

Contribution toward fellowship operations	500
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University of Manitoba

Research on Triticale, a wheat-rye hybrid	13,500
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University of Toronto

Travel to observe nursing programs in the United States and Canada	(306)
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Other support

Travel grants to individuals	1,504
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**CEYLON**

University of Ceylon

Development of language teaching	19,667
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Other support

Travel grants to individuals	(3)
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**CHILE**

Catholic University of Chile

Support of the Faculty of Agronomy	26,475
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Development in neurology, marine biology, and nuclear medicine	6,496
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Equipment for the Laboratory of Physiology	285
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Equipment for the Pro Musica Antigua	5,355
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Equipment for the Teatro de Ensayo	14,774
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PAYMENTS • 1965

Research in the Center of Economic Studies	\$ 14,500
To enable a faculty member to serve as Visiting Professor at the University of Valle	8,000
Toward the expenses of a Visiting Professor in the Department of Sociology	800
<b>University of Chile</b>	
Contribution toward fellowship operations	2,000
Development of the Center of Graduate Studies on American History	673
Research in the Graduate School of Economics	22,545
Library improvement in the Faculty of Agronomy	8,031
Population research and family planning programs	14,064
Research in biochemistry	5,944
Equipment for the Faculty of Chemistry and Pharmacy	11,176
Research on malnutrition in infants and preschool children	15,000
Research program on American history	32,482
Faculty of Medicine research committee	33,274
<b>University of Concepción</b>	
Research in the Faculty of Agronomy	15,793
<b>Cooperative programs</b>	
Chilean Agricultural Program	84,814
International Development Center, Santiago	2,447
Equipment for research stations at Santiago and Temuco	6,071
<b>Other support</b>	
Fellowships, scholarships, and travel grants to individuals	250,090
Miscellaneous	46
<b>COLOMBIA</b>	
<b>Colombian Association of Faculties of Medicine</b>	
General support	10,000
Seminar on medical pedagogy	(298)
<b>National University of Colombia</b>	
Support of the Faculty of Veterinary Medicine	87,552
Research equipment for the Faculty of Sociology	8,000
<b>University of the Andes</b>	
Support of the Department of Biology and the premedical program	104,555
Training and research in political science	30,982

PAYMENTS • 1965

**University of the Andes (*cont'd*)**

Support of the Colombian Association for the Scientific Study of Population	\$ 4,700
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**University of Antioquia**

Development of the School of Library Science	26,881
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**University of Valle**

Contribution toward fellowship operations	1,000
Development and equipment for the library	43,632
Development of the medical school and of medical research	398,469
Development of administrative services	56,315
General development	202,000
Other departmental and research support	44,607
General support and equipment for the School of Nursing	33,409
Population studies	15,000
Postgraduate training awards for non-Colombians	30,000
Visiting Professor in biology	8,000
Support of visiting professors and research in economics	112,972

**Xavier University**

Equipment for the Department of Biochemistry	246
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**Cooperative programs**

Colombian and Andean Centers	274,550
Field Office, Cali	6,341
International Center for Corn and Wheat Improvement, activities in Colombia	5,589
Virus Laboratories, Cali	23,081
University Development Program Center (University of Valle)	25,550

**Other support**

Fellowships, scholarships, and travel grants to individuals	483,548
Miscellaneous	(83)

**CONGO**

**Lovanium University**

Special projects in the Medical School	80,000
Research in the Medical School and School of Agriculture	2,000
Research and training in political science	6,250
Research on the relations between government and political institutions in Africa	4,575

PAYMENTS • 1965

**Other support**

Fellowships and scholarships for individuals	\$ 4,940
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**COSTA RICA**

Fellowships, scholarships, and travel grants to individuals	54,612
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**DENMARK**

University of Copenhagen Research on Tibet	5,146
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**Other support**

Fellowships, scholarships, and travel grants to individuals	12,186
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**ECUADOR**

**Central University**

Research in the Faculty of Agronomy and Veterinary Medicine	6,016
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National Agricultural Research Institute Laboratory equipment	39,747
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**Other support**

Fellowships and scholarships for individuals	31,235
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**EL SALVADOR**

**University of El Salvador**

Equipment for the Department of Microbiology	2,770
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<b>Other support</b>	63
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**ETHIOPIA**

**Haile Selassie I University**

Support of the Central Agricultural Experiment Station, Debre Zeit	20,973
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Library improvement	(880)
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**Other support**

Fellowships and scholarships for individuals	47,768
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**FINLAND**

**University of Helsinki**

Virus research	9,167
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PAYMENTS • 1965

**FINLAND (cont'd)**

**Other support**

Travel grants to individuals	\$ 125
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**FRANCE**

**National Center of Scientific Research**

Research in physiological genetics	588
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**National Foundation of Political Sciences**

Contribution toward fellowship operations	1,000
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Research and training on Latin America	11,590
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**Practical School of Higher Studies**

Contribution toward fellowship operations	1,000
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**University of Aix-Marseilles**

Research in biochemistry	1,571
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**University of Paris**

Contribution toward fellowship operations	1,000
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**Other support**

Fellowships and scholarships for individuals	8,636
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**GERMANY**

**Fridericiana Technical University**

Contribution toward fellowship operations	500
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**University of Hamburg**

Contribution toward fellowship operations	1,000
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**Other support**

Fellowships and scholarships for individuals	3,046
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**GHANA**

**Kwame Nkrumah University of Science and Technology**

Research in the School of Agriculture	22,944
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**University of Ghana**

Equipment for the Institute of African Studies	13,867
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Study of economic growth in the Lower Volta	15,000
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**Other support**

Fellowships and scholarships for individuals	9,383
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PAYMENTS • 1965

**GUATEMALA**

National Institute of Agriculture and Animal Husbandry Development	\$ 829
University of San Carlos	
Research in the Faculties of Veterinary Medicine and Agronomy and Institute of Animal Husbandry	15,218
Other support	
Fellowships, scholarships, and travel grants to individuals	36,061
Miscellaneous	10

**HAITI**

Fellowships and scholarships for individuals	1,736
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**HONDURAS**

Pan American Agricultural School Development	16,728
Other support	
Fellowships and scholarships for individuals	13,311
Miscellaneous	(13)

**HONG KONG**

Chinese University of Hong Kong General development	15,000
Other support	

Travel grants to individuals	750
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**ICELAND**

Fellowships and scholarships for individuals	620
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**INDIA**

Agricultural College and Research Institute, Coimbatore Research equipment	438
All India Institute of Medical Sciences Teaching and research equipment	160,085
Birla College of Agriculture Research equipment	617

PAYMENTS • 1965

**INDIA (cont'd)**

Central Potato Research Institute	
Research equipment	\$ 8,980
Christian Medical College, Vellore	
Research equipment	18,705
Training of medical record department staff	2,623
India International Centre	
General support	23,787
Indian Agricultural Research Institute	
Library development	2,102
Indian Cancer Research Centre	
Biophysics research	5,054
Indian Council of Medical Research	
Research at the Nutrition Research Laboratories, Hyderabad	29,207
Indian Institute of Science	
Research on amino acids and protein nutrition	669
Medical College, Pondicherry	
Research in virology	310
Medical College, Trivandrum	
Program development in the School of Nursing	5,273
Punjab Agricultural University	
Development of experiment station facilities	109,568
Seth Gordhandas Sunderdas Medical College	
Teaching and research program	10,659
Sri Avinashilingam Home Science College	
Equipment for nutrition studies	1,499
University of Delhi	
Advanced library training	19,214
University of Lucknow	
Research and training in the Medical School	721
Uttar Pradesh Agricultural University	
Development of an experiment station	20,216
Cooperative programs	
Ballabhgarh Rural Health Centre	95,576
Indian Program Center	80,975

PAYMENTS • 1965

Indian Agricultural Program	\$ 423,456
International Center for Corn and Wheat Improvement, activities in India	5,322
Virus Research Centre, Poona	76,263
<b>Other support</b>	
Fellowships, scholarships, and travel grants to individuals	352,051
Miscellaneous	180
<b>INDONESIA</b>	
Gadjah Mada University	
Equipment for the Faculty of Agriculture	711
<b>Other support</b>	
Fellowships and scholarships for individuals	21,907
<b>IRAN</b>	
Fellowships and scholarships for individuals	117
<b>IRELAND</b>	
University of Dublin	
Contribution toward fellowship operations	500
<b>ISRAEL</b>	
Hebrew University of Jerusalem	
Research on arboviruses	190
Research on ancient agricultural systems in the Negev	19,964
Research in political theory	1,600
Research on the status of the Arab minority in Israel	3,860
Research on the diversities and breakdowns of modernization	3,711
<b>Other support</b>	
Fellowships, scholarships, and travel grants to individuals	836
<b>ITALY</b>	
Malaria Control Program, Sardinia	
Review of the malaria control program	167
University of Milan	
Study of foreign policy and public opinion in Italy	(139)

PAYMENTS • 1965

**ITALY (cont'd)**

University of Palermo	
Research in embryology and physiology	\$ 5,229
University of Pisa	
Research in neurophysiology	1,398
University of Rome	
Contribution toward fellowship operations	1,000
University of Turin	
Research on human genetics	2,806
Research in the Institute of Political Science	3,000
Villa Serbelloni	
International Conference and Study Center of The Rockefeller Foundation	188,523
Other support	
Travel grants to individuals	4,600
Miscellaneous	(3)

**JAMAICA**

University of the West Indies	
Travel to observe entomology centers in the United States	1,445
Appointment of a faculty member to the University of Ibadan, Nigeria	7,500

**JAPAN**

Hitotsubashi University	
English translations of basic data in publications on Japanese economic development	8,000
Hokkaido University	
Contribution toward fellowship operations	1,000
Research on forage crop production	6,994
International Christian University	
Study of the effects of higher education	9,245
Keio University	
Research in biochemistry	11,367
Kihara Institute for Biological Research	
Research on hybrid wheat	4,000
Kokugakuin University	
Support of the Institute for Japanese Culture and Classics	(226)

PAYMENTS • 1965

<b>Kyoto University</b>	
Studies of the genetics of wheat	\$ 6,280
<b>Nagoya University</b>	
Biochemical research	551
<b>National Institute of Agricultural Sciences</b>	
Appointment of a Consulting Virologist to the International Rice Research Institute, Philippines	(1,063)
<b>National Institute of Genetics</b>	
Research on the origin of cultivated rice	13,900
<b>National Institute of Health</b>	
Research in virology and rickettsiology	17,443
<b>Okayama University</b>	
Research in enzyme chemistry	10,180
<b>Tokyo University of Agriculture and Technology</b>	
Study of biologic specialization	2,000
<b>University of Tokyo</b>	
Contribution toward fellowship operations	1,000
<b>Other support</b>	
Fellowships, scholarships, and travel grants to individuals	42,977
Miscellaneous	80

**KENYA**

<b>Egerton College</b>	
Development of African staff	9,038
Expanded program in agricultural education	7,368
Scholarship program for East African students	15,000
<b>Ministry of Agriculture and Animal Husbandry</b>	
Maize improvement program	10,190
<b>Other support</b>	
Fellowships, scholarships, and travel grants to individuals	63,622
<b>University of East Africa</b>	
<b>University College, Nairobi</b>	
Contribution toward fellowship operations	1,000

PAYMENTS • 1965

*University College, Nairobi (cont'd)*

Support of research and teaching in economics	\$ 21,149
Meeting of a select group of agricultural economists	2,804
Research in economics and related social sciences	18,934
Toward the acquisition of staff housing	14,686
Support for the Faculty of Veterinary Science	125,716
Development of research in the basic sciences	63,431
Appointment of an additional staff member to the Department of History	(2,876)
Appointment of a Lecturer in the Art Department	3,960
Study of faculty and curriculum development in veterinary institutions	9,526

KOREA

Ministry of Foreign Affairs

Purchase of works on international relations	192
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LEBANON

American University of Beirut

General support	465,805
Research on international relations of the Arab countries	26,008

Other support

Fellowships and scholarships for individuals	6,688
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LIBERIA

Cuttington College and Divinity School

Program in economics and business administration	15,559
Faculty development	458
Program of undergraduate research in economics	2,500

University of Liberia

Development of a horticultural program	15,000
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Other support

Travel grants to individuals	15
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MALAWI

Ministry of External Affairs

Purchase of a collection of basic works in international relations	4,012
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PAYMENTS • 1965

**Other support**

Fellowships and scholarships for individuals	\$ 4,546
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**MALAYSIA**

Fellowships and scholarships for individuals	14,053
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**MEXICO**

**Children's Hospital, Mexico City**

Medical education and research	26,000
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**Colegio de México**

Contribution toward fellowship operations	1,000
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Development of the Center for International Studies	9,591
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Development of a program in humanities and social sciences	5,000
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Graduate history program	14,907
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Teaching and research in linguistics and Spanish American literature	15,827
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**Institute of Technology and Advanced  
Studies of Monterrey**

Development of agricultural education and research	240
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Extension of graduate studies in the School of Agriculture	480
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**Mexican Center of Writers**

Support of the program to encourage creative writing	9,000
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**National Institute of Agricultural Research**

Development of the National Agricultural Center, Chapino	70,642
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Inter-American seminar on agricultural communications	3,755
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Support of a meeting of the Potato Association of America	9,986
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**National Institute of Nutrition**

Support of the Hospital for Nutritional Diseases	10,843
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Research in biochemistry and nutrition	10,900
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**National School of Agriculture**

General development of the Graduate School	119,713
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**National University of Mexico**

Graduate training in chemistry and biochemistry	55,173
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Research in the Department of Biochemistry	1,032
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Visiting lecturers and library materials for the Law School	7,400
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PAYMENTS • 1965

**MEXICO (cont'd)**

**University of Guadalajara**

Development of the Faculty of Medicine \$ 18,142

**University of Nuevo León**

Training and research in the Faculty of Economics 14,500

**University of San Luis Potosí**

Support of the School of Medicine 1,200

**University of the State of Veracruz**

Training and research in the Faculty of Veterinary Medicine and Animal Husbandry 3,005

Development of faculty teaching and research 1,807

**Cooperative programs**

International Center for Corn and Wheat Improvement 181,858

Mexican research centers 239,494

**Other support**

Fellowships, scholarships, and travel grants to individuals 343,996

Miscellaneous (41)

**MOROCCO**

Fellowships and scholarships for individuals 4,953

**NATIONAL REPUBLIC OF CHINA, TAIWAN**

Fellowships, scholarships, and travel grants to individuals 21,301

**NETHERLANDS**

**Hague Academy of International Law**

Support of the Center for Studies and Research in International Law and International Relations 237,561

Lecture series on international law 3,000

**Netherlands Economic Institute**

Contribution toward fellowship operations 500

Economic research and analysis for educational planning 2,820

**University of Amsterdam**

Contribution toward fellowship operations 1,000

**University of Leyden**

Research on Tibet (245)

PAYMENTS • 1965

<b>Other support</b>	
Travel grants to individuals	\$ 1,885
<b>NEW ZEALAND</b>	
University of Canterbury	
Contribution toward fellowship operations	500
<b>Other support</b>	
Travel grants to individuals	1,859
<b>NICARAGUA</b>	
Fellowships and scholarships for individuals	9,267
<b>NIGER</b>	
Kolo Agronomy Station	
For the purchase of equipment	368
<b>NIGERIA</b>	
Ahmadu Bello University	
Cereal research program	68,499
Federal Experiment Station	
Study of plant nematode distribution in Nigeria	(132)
University of Ibadan	
Contribution toward fellowship operations	1,000
Equipment for the Department of Botany	12,945
Appointment of a Lecturer in agricultural economics	(4,800)
Development of the Faculty of Medicine	30,447
Research programs of the Faculty of Agriculture	12,425
Research in rural pediatrics and nutrition	36,423
Library materials in economics, social sciences, and American history	939
Support of a program of population research	50,000
Development of the drama program	92,517
Research on bile acid absorption	4,330
Equipment for the Department of Chemistry	5,755
Appointment of a Chief Accountant	14,038
Toward the construction of an Assembly Hall and Gymnasium	15,000
General support of the International School	15,000

PAYMENTS • 1965

**University of Ibadan (*cont'd*)**

Scholarships in the Institute of Librarianship	\$ 2,315
Training in the Data Processing Centre	1,880
Appointment of an environmental engineer in the Department of Preventive and Social Medicine	8,336
Toward the establishment of an Institute of African Studies	74,057
Support of medical training posts	24,937
Development of the medical library	8,314
Research on the role of the higher public service in Nigeria	800
Research in sociology	2,500
Development of the social sciences	2,750
Research in economics	1,400
Research in animal husbandry	30,993
Research in veterinary medicine	39,000
Toward the construction of staff housing	39,709
Support of a lectureship in agricultural economics	7,298
Research in the social sciences	24,000
Preclinical veterinary teaching program	71,413
Appointment of Visiting Professors in the Department of Economics	50,091
Support of the rural health training and teaching center at Igbo-Ora	91,189
Support of the Department of Arabic and Islamic Studies	1,540
Support of maize improvement research	986
Appointment of a Visiting Professor of Geography	21,627
Appointment of a senior lecturer in extension education	9,699
Research on the breeding of pasture grasses	2,112

**University of Ife**

Library materials for the Faculty of Agriculture	277
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**Cooperative programs**

Planning for an international institute of tropical agricultural research	3,293
University Development Program Center (University of Ibadan)	25,801
Research in arbovirus diseases	421

**Other support**

Fellowships, scholarships, and travel grants to individuals	189,905
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PAYMENTS • 1965

**NORWAY**

Fellowships and scholarships for individuals \$ 2,444

**PAKISTAN**

Central Institute of Islamic Research

Support of research 6,175

Other support

Fellowships, scholarships, and travel grants to individuals 12,029

**PANAMA**

Fellowships and scholarships for individuals 7,188

**PERU**

Agrarian University

Postgraduate instruction and research 1,111

Cooperative research with the Agricultural Research and Extension Service 18,786

Agricultural Research and Extension Service

Cooperative program with the Agrarian University 105

Peruvian University of Medical and Biological Sciences

Equipment for the Department of Biochemistry 11,326

Research in the biology of reproduction 28,945

General support 6,481

University of San Marcos

Development of the Faculty of Medicine 10,308

Support of the Faculty of Veterinary Medicine 20,075

Other support

Fellowships, scholarships, and travel grants to individuals 115,700

**PHILIPPINES**

Ateneo de Manila University

Equipment for the Department of Chemistry 14,823

Ramon Magsaysay Award Foundation

Development of its library on Asia 15,000

University of the Philippines

Scholarships for students from Southeast Asia in the College of Agriculture 18,636

PAYMENTS • 1965

<b>University of the Philippines (cont'd)</b>	
Training and research in economics	\$ 27,609
For staff travel, consultation, and study	903
Faculty research	40,850
Development of the University Press	500
To enable a faculty member to undertake research in the United States and Europe and other centers	18,131
Support of a conference sponsored by the Department of Political Science	3,000
Appointment of Visiting Professors in the Humanities and Social Sciences	39,216
Survey and engineering plans for a utility system	31,000
To provide the services of a Visiting Professor in the Department of Sociology	21,663
Faculty development in the social sciences	6,809
Development of the faculty of the Division of Natural Sciences	12,500
To strengthen library facilities in the Department of English and Comparative Literature	2,209
Equipment for an irrigation system	5,573
Research equipment for the Department of Medicine	20,786
Toward construction of an International Center	28,069
Support of the Institute of Hygiene	(103)
Research equipment for the Department of Physiology	26,681
Equipment for the cooperative corn improvement project	4,249
Construction of faculty houses	7,000
Research equipment for the Institute of Hygiene	8,572
Toward costs of an International Center and of faculty housing	108,434
<b>Cooperative programs</b>	
International Rice Research Institute	780,000
University Development Program Center (University of the Philippines)	37,791
<b>Other support</b>	
Fellowships, scholarships, and travel grants to individuals	407,115
Miscellaneous	28

PAYMENTS • 1965

**POLAND**

Veterinary Institute of Pulawy

Research on environmental stress and animal disease	\$ 198
Virus research equipment	1,300

Other support

Fellowships, scholarships, and travel grants to individuals	11,757
Miscellaneous	77

**PORTUGAL**

Travel grants to individuals	3,060
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**RHODESIA**

Rhodesian Academy of Music

Program in African music	1,446
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University College of Rhodesia and Nyasaland

Teaching and research in zoology	25,634
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Research on the history of Central Africa	16,187
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Study of the epidemiology of schistosomiasis	2,058
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Study of economic development in Rhodesia and East Africa	2,521
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Research on African history	854
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Research on the Eur-African community of Rhodesia	910
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Socio-historical study of political and economic developments in Malawi	756
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Research on tsetse metabolism	7,658
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Other support

Fellowships, scholarships, and travel grants to individuals	12,600
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**ST. LUCIA**

Cooperative program in schistosomiasis research and control	16,474
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Other support

Travel grants to individuals	517
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**SENEGAL**

Association for the Organization of Dakar Medical Days and for the Development of Medical Research in West Africa	
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Establishment of a rural health teaching and research field station	15,000
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PAYMENTS • 1965

**SENEGAL (cont'd)**

University of Dakar	
Equipment for the Laboratory of Medical Biochemistry	\$ 6,226
Other support	
Travel grants to individuals	1,523

**SIERRA LEONE**

Fellowships and scholarships for individuals	4,090
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**SINGAPORE**

University of Singapore	
Research in virus diseases	5,162

**SOUTH AFRICA**

Fellowships and scholarships for individuals	5,444
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**SUDAN**

University of Khartoum	
Teaching and research programs	6,297
General development	121,608
Equipment for the central library	3,491
Library materials for the Department of Geography	1,934
Lecture series in the Department of Political Science	215
Research on representation systems of the Sudan and neighboring states	8,000
Research and training program of the Sudan Unit	8,670
Other support	
Fellowships, scholarships, and travel grants to individuals	91,992

**SWEDEN**

Karolinska Institute	
Research in enzyme chemistry	870
Other support	
Travel grants to individuals	1,225

**SWITZERLAND****Graduate Institute of International Studies**

General support	\$ 5,000
Training and research in international organization and relations	20,929

**International Press Institute**

Program for the Asian press	66,400
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**SYRIA**

Fellowships and scholarships for individuals	5,252
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**TANZANIA****College of Agriculture**

Development and general support	46,794
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**Dar es Salaam School of Medicine**

Health survey of preschool children	4,200
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**Ministry of Agriculture**

Library materials	566
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**Ministry of Health and Labour**

Training program for rural physicians	11,741
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**University of East Africa*****University College, Dar es Salaam***

Appointment of cataloguers in the library	1,175
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Appointment of a law cataloguer in the library	4,466
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Consultations on theatre	1,503
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Research in Swahili literature	14,500
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Toward construction of staff housing	42,150
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Visual aids equipment	8,750
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**Other support**

Fellowships, scholarships, and travel grants to individuals	13,256
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**THAILAND****Chulalongkorn University**

Research in biochemistry in the Faculty of Science	11,653
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**Kasetsart University**

Library materials for the Faculty of Veterinary Science	446
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PAYMENTS • 1965

**Kasetsart University (*cont'd*)**

Teaching and research materials in the agricultural sciences	\$ 8,475
Research on nutritive values of foods in the Thai diet	1,500
Support of the Thai cooperative corn improvement project	10,393
Research in the agricultural, veterinary, and marine sciences	15,000

**Thammasat University**

Appointment of two Visiting Professors in the Faculty of Economics	55,829
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**University of Medical Sciences**

Development of plans for a new science building	6,918
Research in nutritional biochemistry at the Faculty of Medical Sciences	12,508
Architectural consulting services for the Faculty of Medical Sciences	7,825

**Cooperative programs**

Agricultural sciences program in Thailand	4,743
University Development Program Center, Bangkok	29,716

Miscellaneous	69
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**Other support**

Fellowships, scholarships, and travel grants to individuals	208,192
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**TRINIDAD**

**University of the West Indies**

Administrative development	20,288
Research in virology	54,383

**Cooperative program**

Trinidad Regional Virus Laboratory	744
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**Other support**

Fellowships, scholarships, and travel grants to individuals	2,844
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**TUNISIA**

Travel grants to individuals	(5)
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**TURKEY****Robert College**

Training of Turkish personnel	\$ 52,349
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**University of Ankara**

Development of the Hacettepe Faculty of Medicine	159,391
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Library materials for the Institute of International Relations	2,341
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**Other support**

Fellowships, scholarships, and travel grants to individuals	34,628
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**UGANDA****Commonwealth Institute of Biological Control**

Establishment of a control station	4,468
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**East African Common Services Organization**

Sorghum research program	69,762
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Travel of delegates to the Sorghum-Millet-Maize Workshop	1,000
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**Uganda National Cultural Centre Trust**

Training program in the National Theatre of Uganda	8,512
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**University of East Africa**

Meetings of the Committee on Special Lectureships	1,132
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Consultation on the development of the university	11,764
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Development of a Special Lectureship program	2,811
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Appointment of a Planning Officer	2,797
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***Makerere University College, Kampala***

Contribution toward fellowship operations	500
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Appointment of a tutor to assist in library training	5,928
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Teaching and research programs of the Faculty of Agriculture	48,028
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Appointment of a Research Lecturer on the politics of resource allocation	10,942
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Development of the Kasangati field research and training center	20,793
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Development of the Master of Arts program in African Studies	26,040
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Research and training in African music	10,089
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Research on economic development problems of East Africa	42,431
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Establishment of a teaching post in international relations	6,327
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PAYMENTS • 1965

*Makerere University College (cont'd)*

Research in political science at the East African Institute of Social Research	\$ 32,200
Research on industrialization	2,036
Travel expenses for a faculty member	1,900
Library materials for the Department of Sociology	511
 Cooperative program	
University Development Program Center, Entebbe	26,317
 Other support	
Fellowships, scholarships, and travel grants to individuals	82,891

UNITED ARAB REPUBLIC

Fellowships and scholarships for individuals	7,185
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UNITED KINGDOM

*England*

Commonwealth Agricultural Bureaux	
Purchase of bureaux publications for selected agricultural libraries	6,035
Institute for Strategic Studies	
Research on strategic problems in non-Atlantic areas	25,000
Medical Research Council	
Research on X-ray crystallography of proteins	8,535
National Institute for Medical Research	
Contribution toward fellowship operations	500
Rothamsted Experimental Station	
Protein extraction from vegetable matter	(137)
Royal Economic Society	
To commission and publish articles on economic theory	3,439
Royal Institute of International Affairs	
Studies of Islamic society and the West	4,193
University of Cambridge	
Contribution toward fellowship operations	5,500
Support of the <i>Journal of African History</i>	1,074
Economic research on capital formation and technological change	13,971

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PAYMENTS • 1965

Research on the biochemistry of reproduction	\$ 3,810
Research in sensory physiology of invertebrate animals in the Department of Zoology	2,795
Study of naval policy and strategy, 1918-1939	1,410
University of Liverpool	
Contribution toward fellowship operations	1,000
University of London	
Contribution toward fellowship operations	1,000
Research in biophysics	13,948
Bilharziasis research	27,285
Research in human genetics	10,446
To enable a staff member to serve one term at Makerere University College, Uganda	2,100
Research on contemporary Turkish literature in the School of Oriental and African Studies	6,000
Publication of selected writings of Jeremy Bentham	6,386
Fellowships in the Institute of Advanced Legal Studies	5,585
Research on the medieval background of the common law	18,104
Research by scholars from the Far East, the Middle East, and Africa in economics and political science	2,867
University of Oxford	
Contribution toward fellowship operations	2,000
Research on Thai price statistics	5,792
Research in the United States on voting behavior in the British General Election of 1964	3,257
Research on contemporary Indian history	3,000
Study of the possible effects of an East-West detente upon German relations with Eastern Europe	7,600
Research, graduate training, and library acquisitions for Nuffield College	27,102
Support of visiting fellows and scientists at St. Catherine's College	21,359
University of York	
Research on problems of international public finance	4,500
Victoria University of Manchester	
Contribution toward fellowship operations	500
Other support	
Fellowships, scholarships, and travel grants to individuals	25,427
Miscellaneous	(5)

PAYMENTS • 1965

UNITED KINGDOM (*cont'd*)

*Scotland*

University of Edinburgh

Contribution toward fellowship operations	\$ 1,500
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University of Glasgow

Study of economics and organization of Soviet agriculture	4,000
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UNITED STATES

*Alabama*

Auburn University

Research on fresh-water pond fish culture	42,000
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Tuskegee Institute

Academic enrichment for freshmen	300,000
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*Alaska*

Alaska Festival of Music

Performance and instruction by professional musicians	10,000
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University of Alaska

Studies of grass and legume species	6,636
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*Arizona*

University of Arizona

Contribution toward fellowship operations	1,000
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Research on unified water, food, and power production in a coastal desert community	44,500
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Research on water resources	24,865
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*California*

California College of Medicine

Development of a medical school	50,000
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California Institute of Technology

Contribution toward fellowship operations	500
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Investigation of responses of plants to climate	15,000
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Study of the High Commission territories	3,000
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Mills College

Development of a chamber music ensemble in residence	15,000
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Occidental College

Discovery and support of talented minority group students	42,481
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PAYMENTS • 1965

Rand Corporation

Research on native African agricultural productivity \$ (280)

San Diego State College

Research on the nature of the national legislator's role in Mexico 2,000

San Francisco Tape Music Center Incorporated

Experimental work in the performing and visual arts 15,000

Stanford University

Contribution toward fellowship operations 4,000

Establishment of a professional theatre and a program for the M.F.A. degree 50,000

Study of the determinants of change in tropical African agriculture 25,606

Research on natural product chemistry 44,100

Development of the School of Medicine 131,812

Investigations of the agricultural economy of Colombia (977)

Workshop, in cooperation with the University of Ibadan, Nigeria, on political and social change 15,000

University of California

*Berkeley*

Contribution toward fellowship operations 61,500

Comparative studies in Latin American demography 52,218

Cooperation with the Center of Economic Research, Athens, Greece 20,000

Research and teaching in political science at selected universities in Africa, Asia, and Latin America 25,802

To enable a faculty member to serve as Visiting Professor at Thammasat University, Thailand 31,398

A study of Western thought on the Cold War 3,300

Supplies for the Department of Soils and Plant Nutrition 225

To enable Professor Emeritus Hans Kelsen to prepare an intellectual history of his life and times 3,500

Research in virology 8,595

*Davis*

For advanced training in agricultural economics 4,055

*Los Angeles*

Improvement of language teaching in the Philippines 83,168

Training in Oriental music 10,193

PAYMENTS • 1965

**University of California (*cont'd*)**

A study of British defense policy	\$ 11,270
Research on Oriental dance	3,741

*Riverside*

Support of the Dry-Lands Research Institute	132,950
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**University of Southern California**

Training for music critics	84,384
The university orchestra program with the Los Angeles Philharmonic Orchestra	20,000

**Cooperative program**

Research in virology	27,080
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**Fellowships, scholarships, and travel grants  
to individuals**

17,443
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*Colorado*

**Colorado State University**

Contribution toward fellowship operations	6,000
To appoint a faculty member as Visiting Lecturer at the University College of Rhodesia and Nyasaland	11,000

**Estes Park Center for Research and Education**

Seminar on United States food policy in relation to world hunger	12,100
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**University of Colorado**

Contribution toward fellowship operations	500
International activities of the Biological Sciences Curriculum Study	(379)

**University of Denver**

Assignment of social science scholars to universities abroad	10,300
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**Travel grants to individuals**

1,390
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*Connecticut*

**Connecticut College**

Experimental dance productions	10,200
Summer school program for talented disadvantaged high school students	50,000

**Hotchkiss School**

Summer school program for talented disadvantaged high school students	62,027
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PAYMENTS • 1965

**University of Connecticut**

Research and writing on the New American Cinema	\$ 6,500
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**University of Hartford**

The university orchestra program with the Hartford Symphony Orchestra	10,500
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**Wesleyan University**

Contribution toward fellowship operations	1,000
Study of agrarian reform in Kenya	4,942
Creative writing project	4,500
To enable young college instructors to attend its Graduate Summer School for Teachers	25,000

**Yale University**

Contribution toward fellowship operations	7,500
Research in Europe on a history of Germany	600
Appointment of a Senior Fellow in the Law School	7,500
A study of international law with respect to the nationalization of property	5,000
A study of contemporary Western European political theory	1,000
Operation of the Yale Arbovirus Research Unit	497,000
Research and training in electro-mechanical techniques in the theatre	4,800
Research on international protection of human rights	5,000
Research on problems of conflict, consensus, and pluralistic democracy	5,000
Research on the history of the British Parliament	4,380
Travel grants to individuals	1,650

*District of Columbia*

American Committee for the Third World	
Congress of the International Association of Agricultural Librarians and Documentalists	
Travel of foreign participants	15,000
American Educational Theatre Association	
General support	15,000
American Historical Association	
Studies of the history of South Asia	(622)
Association of American Universities	
Support of the Fourth General Conference of the International Association of Universities	75,008

PAYMENTS • 1965

UNITED STATES (*cont'd*)

Association of State Universities and  
Land-Grant Colleges

Coordination of programs for rural  
development in foreign countries \$ 11,588

Catholic University of America

Contribution to fellowship operations 2,500

Folger Shakespeare Library

Creative writing project 3,000

Georgetown University

Contribution to fellowship operations 2,000

George Washington University

Bibliography on sorghum and millet, and  
bibliographic training 25,527

Hospitality and Information Service

Program for foreign diplomats stationed in  
Washington 3,000

International Union for the Scientific Study  
of Population

Travel of participants in the World  
Population Conference 11,581

Library of Congress

Establishment of a microfilming laboratory  
at the American Libraries Book Procurement  
Center, New Delhi, India 11,000

National Academy of Sciences

To prepare publications on pest control 5,000

Publication of bulletins on the races of maize  
in Ecuador and Venezuela (1,041)

Exploratory studies in environmental science 35,000

Overseas Education Fund of the League of  
Women Voters

Citizenship education for women from  
Latin American countries 24,121

Population Association of America

Travel of participants to the World Population  
Conference 15,000

Population Reference Bureau

Latin American educational program 10,000

PAYMENTS • 1965

**Smithsonian Institution**

Field studies in Brazil on arthropod-transmitted virus diseases	\$ 3,438
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**Washington Drama Society**

Training for the Arena Stage company	11,750
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**Travel grants to individuals**

86
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*Florida*

**American Phytopathological Society**

Travel of foreign participants in a symposium	3,084
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**Central Florida Junior College**

Support for library consultant at Chulalongkorn University, Thailand	1,101
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**University of Florida**

Contribution toward fellowship operations	6,000
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Research on the Caribbean area	2,270
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Participation in an Asian Studies Seminar	1,500
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**Travel grants to individuals**

1,050
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*Georgia*

**Atlanta University**

General development	300,000
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Development of the joint library	75,000
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Support of the School of Library Service	37,675
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**Emory University**

Student assistance program	47,320
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**Morehouse College**

Support of study programs for talented high school students	64,092
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**Southern Regional Council**

General support	50,000
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**University of Georgia**

Contribution toward fellowship operations	1,000
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**Travel grants to individuals**

1,500
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*Hawaii*

**Oceanic Foundation**

Research on brackish-water fish culture	140,734
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**University of Hawaii**

Scholarships for agricultural students	(4,866)
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PAYMENTS • 1965

UNITED STATES (*cont'd*)

*Illinois*

American Library Association

Graduate training in library science at the University of the Philippines	\$ 7,345
Support of the Office of International Relations	60,393
To provide a cataloguer for the University of East Africa	(252)
Preparation of an English edition of the <i>Guide to Japanese Reference Books</i>	15,000

American Veterinary Medical Association

Research Fund

Symposium on Veterinary Medical Education	11,000
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Association of American Medical Colleges

Support of the 1966 Institute of International Medical Education	7,500
Support of the Division of International Medical Education	50,000
Establishment of a secretariat for the Pan-American Federation of Associations of Medical Schools	15,000
Travel of foreign medical educators	(130)

Illinois State University

Assignment of a Visiting Professor of Entomology to the Institute of Technology and Advanced Studies of Monterrey, Mexico	(305)
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Northwestern University

Contribution toward fellowship operations	2,000
Development of the African Department of its library and the library of the University of Ibadan, Nigeria	5,700

Southern Illinois University

Contribution toward fellowship operations	1,000
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University of Chicago

Contribution toward fellowship operations	9,000
Establishment of a Section of Nuclear Medicine	46,145
Research on international water resources in Africa	13,482
Research on economic effects of national agricultural policies	35,000
Research in the Center for the Study of American Foreign and Military Policy	8,388
Research in the Middle East and North Africa on problems of modernization	31,500

PAYMENTS • 1965

Study of the relation of international trade and economic development	\$ 9,885
Editing of the papers of James Madison	10,000
Study of the Chicago poverty program	5,000
The university orchestra program with the Chicago Symphony Orchestra	7,500
Study of Congressional representation	5,000
Research on the nature and development of American penal policy	10,000
Research on revolutionary strategy and Peking's foreign policy	13,500
Research on Menshevism and Bolshevism	(1,509)
Assessment of the economic and cultural development of Chicago	15,000
Study of supranational organizations and the private economy	15,000
Study of current conceptions of the basic issues of peace and war	5,000
 University of Illinois	
Contribution toward fellowship operations	9,000
Travel grants to individuals	8,816
 <i>Indiana</i>	
 Indiana University	
Contribution toward fellowship operations	2,500
Consortium on the future custody and use of the Polish Library, Paris	(4,145)
Study of relations between Soviet Russia and Poland, 1917-1921	3,000
Support of the Latin-American Music Center	36,969
 Purdue University	
Contribution toward fellowship operations	16,500
Study of political and military crises	(277)
Conference on protein in maize	1,608
Creative writing project	6,000
Payment of thesis expenses	300
 University of Notre Dame	
Research on the theology of the Hellenic city state	(2,099)
Latin American research and training program in the social sciences and humanities	70,000
Research on modern diplomacy in Europe and North America	13,500
Travel grants to individuals	1,839

**PAYMENTS • 1965**

**UNITED STATES (cont'd)**

*Iowa*

**Grinnell College**

Discovery and support of talented minority group students	\$ 16,039
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**Iowa State University**

Contribution toward fellowship operations	15,500
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**University of Iowa**

Contribution toward fellowship operations	1,000
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*Kansas*

**Kansas State University**

Contribution toward fellowship operations	5,000
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**Kansas State University Endowment Association**

Research on corn germ plasm	14,920
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**Kansas University Endowment Association**

The university orchestra program with the Kansas City Philharmonic Orchestra	21,945
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*Kentucky*

**Actors Theatre of Louisville**

Support of its artistic staff	15,000
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**University of Kentucky**

Contribution toward fellowship operations	1,000
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Creative writing project	7,500
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*Louisiana*

**Louisiana State University**

Contribution toward fellowship operations	2,500
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Research on genetic relationships in rice	12,000
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**Tulane University of Louisiana**

Contribution toward fellowship operations	6,500
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The university orchestra program with the New Orleans Philharmonic Symphony Orchestra	11,869
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Latin American legal and social science research and training	15,500
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Student assistance program	55,526
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Developmental program of the <i>Tulane Drama Review</i>	10,750
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Epidemiological field studies in Uganda	(1,745)
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Training program for foreign fellows	36,984
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PAYMENTS • 1965

Travel grants to individuals	\$ 1,600
<i>Maine</i>	
<b>Colby College</b>	
Support of the Summer School of Music for string players	5,000
<i>Maryland</i>	
<b>Goucher College</b>	
The college orchestra program with the Baltimore Symphony Orchestra	17,233
<b>Johns Hopkins University</b>	
Contribution toward fellowship operations	3,500
Study of the quality of obstetrical care by nurse-midwives and interns	27,318
Research in the School of Advanced International Studies	58,161
Completion of a book on international health administration	(236)
Annual seminars for young diplomats from developing countries	5,000
<b>University of Maryland</b>	
Contribution toward fellowship operations	1,000
Travel grants to individuals	(32)
<i>Massachusetts</i>	
<b>Amherst College</b>	
Contribution toward fellowship operations	1,000
<b>Boston University</b>	
Contribution toward fellowship operations	1,500
Travel to African studies centers in Europe	4,000
Joint study with Queen's College, University of St. Andrews, Scotland, and Thayer Hospital, Waterville, Maine	1,600
<b>Brandeis University</b>	
Research on the operating logic of the American political party system	11,500
<b>Children's Hospital Medical Center</b>	
Contribution toward fellowship operations	500
<b>Educational Services Incorporated</b>	
Summer institutes in English, economics, and business administration for teachers from Negro colleges, at selected universities	280,000

PAYMENTS • 1965

UNITED STATES (*cont'd*)

Harvard University

Contribution toward fellowship operations	\$ 21,000
Research on social and political development in new nations	30,974
Visiting fellowships in international affairs	36,864
Economic research on input-output techniques	38,448
International legal studies and advanced training for Africans	8,801
Research on the control of armaments	(4,822)
Study in family planning in Santiago, Chile	13,247
Research and training in radiobiology	17,632
Study of the General Agreement on Tariffs and Trade negotiations	8,500
Special program in the Law School for Negro college students from the South	81,120
Research on political theory in 18th century America	8,000
Exchange program for hospital residents with the University of Ibadan, Nigeria	2,435

Massachusetts Institute of Technology

Contribution toward fellowship operations	4,000
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Mount Holyoke College

Summer school program for talented high school students, in cooperation with Spelman College	25,000
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Opera Group, Boston

Creative costs of a television production of an opera	15,000
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Radcliffe College

Creative writing project	4,790
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Theatre Company of Boston

Program of new plays	4,800
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University of Massachusetts

Contribution toward fellowship operations	1,000
Study of German nationalism and the Cold War problem	(1,144)

Williams College

Contribution toward fellowship operations	1,000
Development program in music education and performance	6,000

Travel grants to individuals

4,831

PAYMENTS • 1965

*Michigan*

Michigan State University

Contribution toward fellowship operations	\$ 12,500
Publication of a review of the <i>Cicadulina</i>	500

University of Michigan

Contribution toward fellowship operations	6,000
Studies on the teaching of reproductive biology and family planning	15,000
Study of parliamentary representation in Britain	13,475
Seminar on Islamic art and architecture	2,367
Comparative analysis of legislative representation in Britain and the United States	5,600
To enable a faculty member to serve as Visiting Professor at University College, Kenya	13,000

Wayne State University

Contribution toward fellowship operations	9,000
Analysis of international monetary cooperation and reform	(702)

Fellowships, scholarships, and travel grants to individuals

12,757

*Minnesota*

Carleton College

Discovery and support of talented minority group students	27,583
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Minnesota Theatre Company Foundation

Training for teachers of voice for theatre	38,950
Instruction in speech and stage movement	15,000

St. Olaf College

To enable a faculty member to serve as Visiting Professor at the University of the Philippines	2,127
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University of Minnesota

Contribution toward fellowship operations	10,500
Advanced creative work in the theatre	33,289
Professional theatre training	13,496

Travel grants to individuals	1,817
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*Mississippi*

Mississippi State University

Contribution toward fellowship operations	4,000
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PAYMENTS • 1965

UNITED STATES (*cont'd*)

*Missouri*

University of Missouri

Contribution toward fellowship operations	\$ 3,500
Creative writing project	12,000

Washington University

Contribution toward fellowship operations	1,000
The university orchestra program with the St. Louis Symphony Orchestra	14,999

Travel grants to individuals

678

*Nebraska*

University of Nebraska

Contribution toward fellowship operations	11,500
Research in agricultural economics	2,524
Support of the Fourth Symposium of the World Association of Veterinary Food Hygienists	8,650
Research in corn genetics	10,311

*New Hampshire*

Dartmouth College

Experimental summer school program for talented disadvantaged high school students	50,000
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Phillips Exeter Academy

Special urban program in the summer school	15,704
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Travel grants to individuals

57

*New Jersey*

Princeton University

Contribution toward fellowship operations	3,000
Study of the international monetary system	( 15,000)
Research on the economic effects of patent protection in developing countries	15,000
Support of the Office of Population Research	515,750
Summer school program for talented disadvantaged high school students	53,710
Studies of political and economic development in Asia	12,500
Assignment of scholars to universities abroad	26,000

Princeton University Press

Publication of a book on the League of Nations	1,500
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Rutgers, the State University

Contribution toward fellowship operations	1,000
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PAYMENTS • 1965

Establishment of the Contemporary Chamber Ensemble as a group-in-residence	\$ 58,350
Creative writing project	10,000
<b>Woodrow Wilson National Fellowship Foundation</b>	
Teaching internship program	205,211
<i>New Mexico</i>	
<b>Opera Association of New Mexico</b>	
Training for young singers and conductors	15,000
<i>New York</i>	
<b>Academy of American Poets</b>	
Development of poetry programs outside New York	2,950
<b>Actors Studio</b>	
Experimental work, and training	10,000
<b>African-American Institute</b>	
Workshops in journalism and broadcasting in Ethiopia, Tanzania, and Nigeria	(3,250)
<b>Agricultural Development Council</b>	
Travel to library and documentation centers in Europe	1,350
<b>American Academy of Dramatic Arts</b>	
Contribution toward fellowship operations	500
<b>American Council of Learned Societies</b>	
Development of historical studies on Chinese society and culture	5,000
<b>American Economic Association</b>	
Commissioning and publishing analytical survey articles	(1,625)
<b>American Place Theatre</b>	
Support of creative, experimental, and operational activities	49,880
<b>American Symphony Orchestra</b>	
Additional rehearsals of Charles Ives' Fourth Symphony	7,200
<b>American Universities Field Staff</b>	
Study of freedom and development	15,000
<b>Asia Society</b>	
Support of country councils program	78,061

PAYMENTS • 1965

UNITED STATES (*cont'd*)

Brooklyn College of the City University of New York	
Research on the constitutional tradition in America	\$ 7,000
To enable faculty members to serve as Visiting Professors at the University of the Philippines	22,013
Development of a college talent search project	72,500
Carnegie Endowment for International Peace	
Training program for Foreign Service officers	107,356
Center for Urban Education	
General support	15,000
Cold Spring Harbor Laboratory of Quantitative Biology	
Biological research program	25,500
Columbia University	
Contribution toward fellowship operations	10,000
Consulting service for the Graduate School of Library Service	8,500
To enable a faculty member to serve on the staff of the University of Ibadan, Nigeria	14,947
Creative writing project	8,725
Research on Isaac Babel in the United States and Europe	10,500
Research by the Institute of Nutrition Sciences	15,000
Research in the Russian Institute	57,500
Research on international organization in the School of International Affairs	32,804
Training of Indonesian librarians	16,931
Research on the physiology of reproduction	25,000
Program in electronic music	(237)
Cornell University	
Contribution toward fellowship operations	26,000
Symposium on Latin American rural development	7,000
Research on Rousseau's political philosophy	7,000
Research on the evolution of executive power in France and Italy since 1945	12,500
Research in biochemistry	1,077
Graduate orientation course in the clinical fields for foreign fellows	27,000
Orientation course for foreign graduate students in agriculture	10,000
Council on Religion and International Affairs	
Seminars for postgraduate scholars from abroad	2,500

**PAYMENTS • 1965**

Educational Broadcasting Corporation	
Program development	\$ 250,000
<i>Encyclopaedia of the Social Sciences</i>	(3,164)
Festival Orchestra Society	
Support of 1964-1965 season	15,000
Fordham University	
Contribution toward fellowship operations	1,000
Institute for Advanced Studies in the Theatre Arts	
Program in world drama	1,703
Institute of Economics	
Purchase of books	(1,202)
Institute of International Education	
International student exchange and services	50,000
International Planned Parenthood Federation	
Preparation of a documentary and educational film	6,000
Juilliard School of Music	
Contribution toward fellowship operations	1,000
Development of the American Opera Center for Advanced Training	10,000
Marine Biological Laboratory	
General support	35,000
National Health Council	
Study of uniform accounting and reporting with the National Social Welfare Assembly	65,000
National Repertory Theatre Foundation	
Development of community support and educational programs	31,000
National Urban League	
Leadership development program	75,000
Toward the purchase of a headquarters building	250,000
New School for Social Research	
Research on the West's expansion throughout the world	9,750
New York Pro Musica Antiqua	
Presentations of music composed before 1700	2,250

PAYMENTS • 1965

UNITED STATES (*cont'd*)

New York State Historical Association

Preparation of a book on the League of Nations and the United Nations	\$ 6,000
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New York University

Contribution toward fellowship operations	2,500
Completion of the first volume of <i>International Affairs Codex</i>	10,000
Completion of <i>A Critical and Historical Corpus of Florentine Painting</i>	7,500
Research program on radiation hazards	25,781
Establishment of an art conservation center	38,150
Creative writing project	10,000

Philharmonic-Symphony Society of New York

Preparation of electronic music production	500
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Planned Parenthood Federation of America

Preparation of French and Turkish translations of a teaching film	15,000
Development of overseas programs	150,000
Survey of curricula in family planning in selected United States schools of nursing	15,000

Population Council

Fellowship program for technical assistance personnel	35,000
Research on population problems	44,178

Research Foundation of the State of New York

Contribution toward fellowship operations for the College of Forestry at Syracuse University and the State University of New York at Stony Brook	3,500
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Robert R. Moton Memorial Foundation

Development of conference center	25,000
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Rockefeller University

Contribution toward fellowship operations	1,500
Virus laboratory expenses	125,000

State University of New York at Buffalo

Creative writing project	12,000
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Syracuse University

Contribution toward fellowship operations	2,500
Research on constitutional democracy in the Republic of Ireland	7,000

PAYMENTS • 1965

<b>United Health Foundations</b>		
General support	\$	8,000
<b>University of Buffalo Foundation</b>		
Establishment of a center of performing and creative arts		5,000
<b>University of Rochester</b>		
Contribution toward fellowship operations		5,000
Travel to universities in Southeast Asia		1,803
<b>Young Men's and Young Women's Hebrew Association</b>		
Study of theatre groups and university drama programs		3,090
<b>Cooperative program</b>		
New York Virus Laboratories		258,396
<b>Rockefeller Foundation — New York Office</b>		
Administration		2,008,554
Medical and Natural Sciences		434,779
Agricultural Sciences		306,976
Humanities and Social Sciences		328,139
Arts		124,326
Inter-Program		717,802
<b>Fellowships, scholarships, and travel grants to individuals</b>		
		39,828
<i>North Carolina</i>		
<b>Arts Councils of America, Incorporated</b>		
Establishing a national headquarters and professional staff		7,500
<b>Duke University</b>		
Contribution toward fellowship operations		2,500
Studies in forest hydrology		8,655
Student assistance program		33,969
Research in international law		(8,000)
<b>University of North Carolina</b>		
<i>Chapel Hill</i>		
Contribution toward fellowship operations		1,500
Research in mathematical and experimental genetics		3,232
Studies of the changing position of the Negro in American society		(392)
<i>Raleigh</i>		
Contribution toward fellowship operations		24,000
Research on maize genetics		25,244

PAYMENTS • 1965

UNITED STATES (*cont'd*)

Travel grants to individuals	\$ 3,510
<i>North Dakota</i>	
North Dakota State University	
Contribution toward fellowship operations	5,500
<i>Ohio</i>	
Antioch College	
Discovery and support of talented minority group students	47,500
Oberlin College	
Development of economic research at University College, Tanzania	6,506
Special program for graduates of Negro colleges	9,000
Summer school program for talented disadvantaged high school students	43,361
Discovery and support of talented minority group students	72,000
Ohio State University	
Contribution toward fellowship operations	3,500
University of Cincinnati	
The university orchestra program with the Cincinnati Symphony Orchestra	18,400
Western Reserve University	
Contribution toward fellowship operations	2,000
Compilation of a schistosomiasis bibliography	20,000
Travel grants to individuals	1,284
<i>Oklahoma</i>	
Oklahoma State University	
Contribution toward fellowship operations	2,000
Research and teaching in the university's program in Ethiopia	(6,871)
Travel grants to individuals	214
<i>Oregon</i>	
Oregon State University	
Contribution toward fellowship operations	5,500
Research on elimination of infection in seeds	8,000
Reed College	
Study of Federal field organization	(137)

PAYMENTS • 1965

Discovery and support of talented minority group students	\$ 38,113
University of Oregon	
Contribution toward fellowship operations	500
Travel grants to individuals	4,464
<i>Pennsylvania</i>	
American Philosophical Society	
Study of philanthropy in Western society	(11,083)
Carnegie Institute of Technology	
Training in theatre	115,000
Research on the economics of the arts	2,100
Friends Neighborhood Guild	
Counseling and assistance for youth in disadvantaged neighborhoods	30,000
Haverford College	
Special program for graduates of Negro colleges	15,000
Jefferson Medical College of Philadelphia	
Contribution toward fellowship operations	1,000
Lincoln University	
Special program for selected entering students	15,000
Pennsylvania State University	
Contribution toward fellowship operations	3,000
Philadelphia Council for the Performing Arts	
Support of the artistic staff of the Theatre of the Living Arts	14,681
Swarthmore College	
Discovery and support of talented minority group students	29,313
United States National Student Association	
Strengthening of Latin American operations	4,000
University of Pennsylvania	
Contribution toward fellowship operations	2,500
Research on the monetary diplomacy of the United States	2,500
Study of Argentine nationalism	1,304
Research on the Korean Communist movement	1,500

PAYMENTS • 1965

UNITED STATES (*cont'd*)

*University of Pittsburgh*

Contribution toward fellowship operations	\$ 1,000
Research and training in radiation health	50,000

*Fellowships, scholarships, and travel grants  
to individuals*

10,209

*Puerto Rico*

*University of Puerto Rico*

Contribution toward fellowship operations	1,000
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*Rhode Island*

*Brown University*

Preparation of a course on standard English	65,565
Improvement of the teaching of English in the United Arab Republic	98,804

*Tennessee*

*Fisk University*

General development	9,129
Special program for the Pre-College Center	5,000

*George Peabody College for Teachers*

Contribution toward fellowship operations	1,000
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*Knoxville College*

Southeastern regional summer study-skills program	63,600
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*University of Tennessee*

Analysis of <i>de facto</i> changes in the Charter of the United Nations	10,000
Exchange program with the Faculty of Medicine of the University of Valle, Colombia	32,703

*Vanderbilt University*

Contribution toward fellowship operations	1,000
Study of regional integration and cooperation in Southeast Asia	5,000
Research on secret intelligence organizations	13,775
Student assistance program	42,500

*Texas*

*Dallas Symphony Orchestra*

The orchestra universities program	19,464
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*Texas A & M University*

Contribution toward fellowship operations	8,000
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PAYMENTS • 1965

Studies in the nutrition of ruminant animals	\$ 7,610
Research on feral oats of Texas and Mexico	5,000
<b>Texas Research Foundation</b>	
Equipment for the Botanical Laboratory	9,500
<b>University of Texas</b>	
Contribution toward fellowship operations	3,000
Preparation of guides to Latin American historical sources	5,098
Research in the Institute of Latin American Studies	15,000
Travel grants to individuals	1,900
<i>Utah</i>	
<b>University of Utah</b>	
Contribution toward fellowship operations	1,000
The university orchestra program with the Utah Symphony Orchestra	8,000
Program in modern dance	6,375
To enable a faculty member to serve as professor at the University of Ibadan, Nigeria	648
<b>Utah State Symphony Orchestra Association</b>	
Preparation and performance of rarely heard works by Darius Milhaud and Edgard Varèse	5,000
<b>Utah State University</b>	
Contribution toward fellowship operations	2,500
<i>Vermont</i>	
<b>Marlboro School of Music</b>	
Contemporary composers program	9,852
Travel grants to individuals	467
<i>Virginia</i>	
<b>Hampton Institute</b>	
Academic enrichment programs for entering freshmen	300,000
<b>University of Virginia</b>	
Contribution toward fellowship operations	1,000
Study of arms control and disarmament policy under de Gaulle	5,000
<b>Virginia Polytechnic Institute</b>	
Contribution toward fellowship operations	2,000

PAYMENTS • 1965

UNITED STATES (*cont'd*)

*West Virginia*

West Virginia University

Recruitment of professors in agriculture to serve in East Africa	\$ 19,487
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West Virginia University Foundation

Library materials on East Africa for the university library	2,500
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Consultations in East Africa on agricultural library facilities	3,157
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*Washington*

Seattle Repertory Theatre

Development of the resident company	(612)
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University of Washington

Contribution toward fellowship operations	3,000
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The university orchestra program with the Seattle Symphony Orchestra	1,600
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Study of the present problems and future prospects of Malaysia	10,000
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Establishment of a training program for students in music performance	7,500
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Washington State University

Contribution toward fellowship operations	3,000
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Fellowships, scholarships, and travel grants to individuals

553
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*Wisconsin*

American Society of Agronomy

Publication costs of a Spanish version of a bulletin	445
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Marquette University

Exchange program with the Medical University of Budapest, Hungary	(353)
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University of Wisconsin

Contribution toward fellowship operations	14,500
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Establishment of a program in international theatre	6,000
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Travel of a consultant in theatre arts to the University of Helsinki, Finland	(168)
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Research and training in the Department of Pediatrics	1,450
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Research and training in the breeding, genetics, and pathology of the potato	7,788
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**PAYMENTS • 1965**

Research on the utilization of solar energy	\$ 9,773
Graduate program in economic history	5,645
Research on organized crime in the United States	11,500
Travel grants to individuals	2,391
Net payments to U. S. institutions, less than \$100	(114)

**URUGUAY**

Research Institute of Biological Sciences	
Fellowships and research equipment	3,704
University of the Republic	
Contribution toward fellowship operations	1,500
Research in obstetrical physiology	3,150
Other support	
Fellowships and scholarships for individuals	7,944

**V I E T N A M**

Fellowships and scholarships for individuals	5,968
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**ZAMBIA**

Office of the Prime Minister	
Purchase of a collection of basic works in international relations	2,031

<b>TOTAL — 1965 Net Payments</b>	<b><u>\$30,313,583</u></b>
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# SUMMARY OF FUNDS APPROPRIATED • 1965

## 1965 APPROPRIATIONS AND ALLOCATIONS

(pp. 109-156) \$23,371,333

### LESS ALLOCATIONS AND GRANTS IN AID

#### FROM PRIOR YEAR APPROPRIATIONS

INCLUDED ABOVE 5,920,513 \$17,450,820

### APPROPRIATIONS FOR ALLOCATION BY

#### EXECUTIVE COMMITTEE OR OFFICERS

7,932,576

GRANTS IN AID (1966) 2,882,500

FELLOWSHIPS AND SCHOLARSHIPS (1966) 3,156,500

### NEW YORK BUDGETS (1966)

MEDICAL AND NATURAL SCIENCES 462,000

AGRICULTURAL SCIENCES 402,000

HUMANITIES AND SOCIAL SCIENCES 416,000

ARTS 165,500

INTER-PROGRAM 798,000

ADMINISTRATION 2,271,000 4,514,500

TOTAL APPROPRIATIONS, 1965 \$35,936,896

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