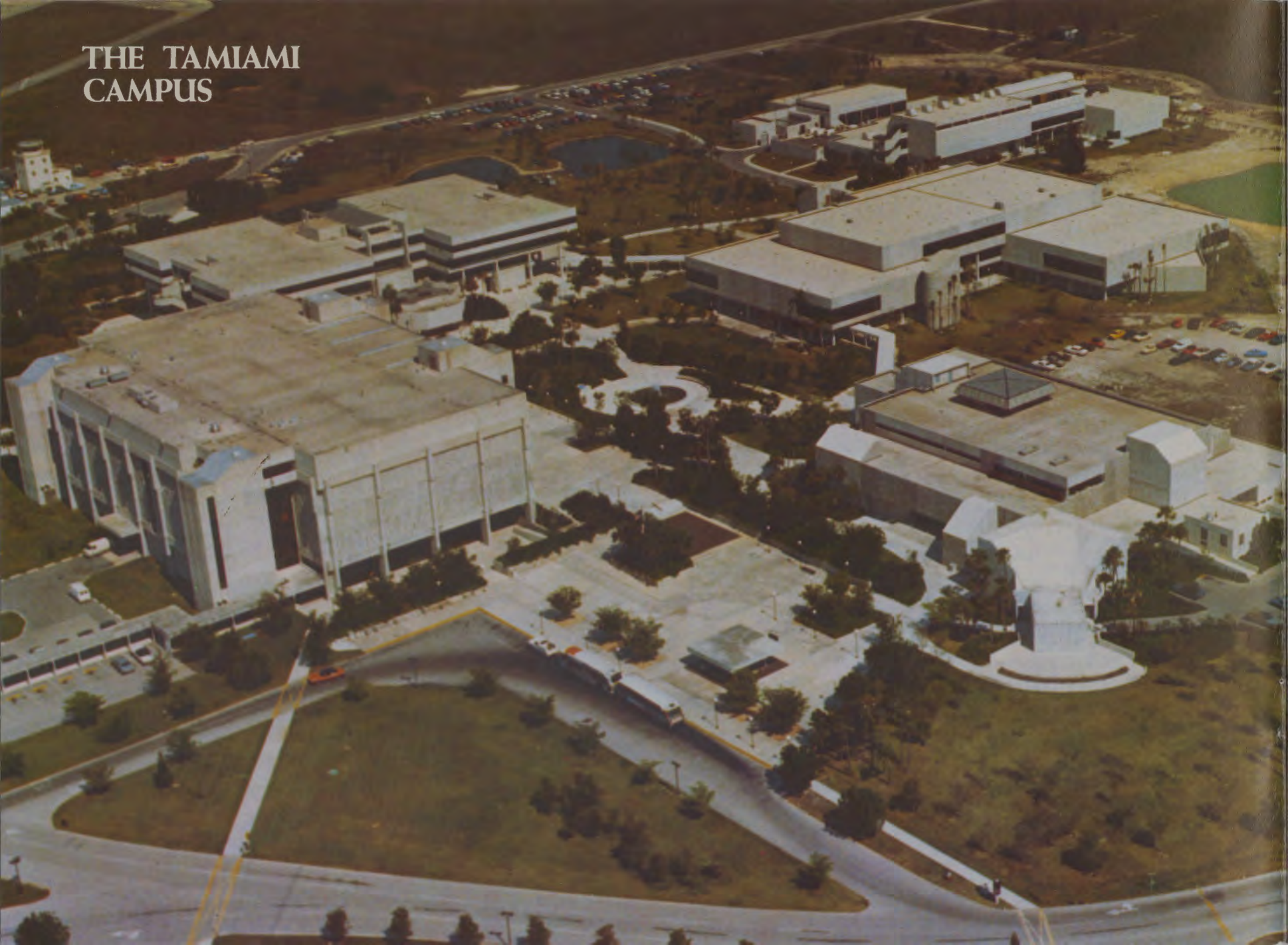


FLORIDA INTERNATIONAL UNIVERSITY
ANNUAL REPORT 1977

THE TAMAMI CAMPUS





OUR QUEST TO EXCEL

Florida International University's quest to excel has begun and success is both our history and our future. People lead the quest — our faculty and staff, our many friends and supporters. Together, they serve our community, our citizens and the world we all share.

A year of great advancement for the institution, 1977-78 also marks a year of change and challenge. This report outlines our status in authentic language spiced with personal human portraits of but a few, yet with the enthusiasm shared by so many in the Florida International University Community.

The annual report will update the development of our two campuses — Tamiami and North Miami — as well as preview the exciting potential of continued expansion of our educational opportunities beyond our multi-campus boundaries. We will highlight some exceptional programs in International Housing Science, Math and Computer Science, Economics, Education, Business, Physical Science and the quality people behind the quality programs. Our Centers for Cultural and Human Interaction, Drinking Water Quality Research and International Affairs will be explored in addition to the artistic vitality of our new Fine Arts Gallery in Primera Casa. Included also, is an exciting report on the progress of our FIU Foundation and statistical data reflecting the dramatic continuing development of the university. As a university brochure noted this year, we are "Growing Your Way."

We hope you will enjoy this brief glance at our people, their programs and our quest to excel. Florida International University can and will attain new heights in providing educational opportunities and community service, and in promoting the level of international understanding required for our region to assume its destined role among the Americas and the World. Please join us.

Harold Bryan Crosby
President



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A handwritten signature in black ink, which appears to read "H. B. Crosby". The signature is fluid and cursive, with a long horizontal line extending to the right.

Harold Bryan Crosby
President



THE NORTH MIAMI CAMPUS

On Tuesday, the 21st of June 1977, 1,332 students began attending classes on the North Miami Campus of Florida International University. A dream of more than 25 years had become a reality.

A full quarter of a century earlier a State Senator from Miami had proposed the establishment of a State University to serve the substantial and growing population in metropolitan Miami. It was not until 1964, however, that a State University began to be somewhat accessible with the opening of Florida Atlantic University at Boca Raton. But, for most Miamians that campus proved to be too far away for daily commuters, especially for evening students. Eight years later, in 1972, Florida International University opened its first campus on the Tamiami Trail reaching an enrollment of 11,000 within a few years, and highlighting a need that had long existed.

Still the largest and the most concentrated part of that population, north of the downtown area, found that the rapid growth of the city and its congested traffic were serious obstacles to commuting to a State University campus. Driving time during peak hours could be as much as 90 minutes each way.

The old Interama site on the northern tip of Biscayne Bay had long been identified as an excellent location for a university campus. Studies had shown that within a 25-minute driving range of that location resided a population of almost 1.2 million people, almost fifteen percent of the State's population, most of whom were not within a reasonable commuting distance of a State University campus. Good sense, the efficient use of resources to serve a large population, and equality of opportunity at last dictated the development of what has come to be called the North Miami Campus of Florida International University. Finally, with the strong support from the Greater North Miami community, the commitment of the State University System, financial support from the State Legislature and vigorous leadership from President Harold Crosby, that campus had come into being.

The North Miami Campus opened its doors in a building designed and constructed as a Trade Exhibition Center for the Interama Center Authority. It was renovated to accommodate classrooms, a bookstore, a media center, a computer center, student services' offices, business and financial services' offices and office space for faculty and administration. In addition, the building housed a library with a collection of 20,000 volumes plus ready access by shuttle service to the more than 250,000 volumes in the library on the Tamiami Campus. Six small modular buildings were constructed to provide additional classrooms.

Additional buildings have been planned and are being implemented. Ground was broken in June for an \$8,200,000 educational facility to provide classrooms, lecture halls, areas for student services, and faculty offices to be occupied in March, 1978. A \$4,600,000 student services' building has been funded and is now in an advanced planning stage. Additional buildings will be designed and constructed in accordance with the Master Plan approved in October, 1975. Academic II which will include a substantial commitment of space for scientific laboratories is already well into the planning cycle.

Of major importance to the large population served by the North Miami Campus is the academic program now being offered and plans for future expansion and development. Initially, twenty-two major programs in four Schools already approved and scheduled on the Tamiami Campus represent the ongoing program for the North Miami Campus in the Humanities, International Relations, Business Administration, including International Business, Teacher Education, Criminal Justice and Social Work. Both graduate and undergraduate degrees are being offered.

New programs to serve community needs and interest are being developed for the future. Among these are degrees in Mechanical Engineering Technology, Electrical Engineering Technology and Civil Engineering Technology. These programs will be offered in the



Academic II Building planned for occupancy in 1981. Included in the building there will be laboratories for chemistry, physics, and biology. Current plans call for a good many courses but likely no degree programs to be offered in these fields. In addition, an engineering consortium approved by the Board of Regents and consisting of Florida International University, Florida Atlantic University and the University of Miami has been established to offer engineering education in South Florida. The principal location of the consortium will be on the North Miami Campus. A degree program in Environmental Science will also be offered when Academic II is occupied. Plans for offering degree granting programs in the School of Hotel, Food and Travel Service will be implemented when construction of the University's Conference Center is completed. The Drinking Water Quality Research Center, described more

fully elsewhere in this report, is scheduled for operation on the North Miami Campus when a special building addition to Academic II is completed. Finally, plans are going forward to expand Elders' Institute which opened this fall. Programs will be generated and courses created and taught by retired citizens in the community to serve their fellow retirees. They will also design and offer counseling services. Academic programs for the North Miami Campus are responsive to community needs and community desires.

The North Miami Campus' service to its community is well worth noting. Aside from making higher education more accessible generally, the campus is making a special contribution to minority accessibility. Black student enrollment on a percentage basis is more than twice that of the Tamiami Campus. Special scheduling is designed to serve the large number of retired people living in the area.

Non-credit seminars of special interest have been offered by the University's Department of Conferences. A council of elders from the community has been coordinating special educational programs. The University's Women's Institute has formed a North Miami Campus branch and has scheduled a number of programs of special interest to women. A vicinity Citizens' Committee has been formed to stimulate an exchange of interest and concern between the community and the campus. In addition, art exhibits and other events will stimulate the cultural interests and opportunity in the area.

The central and abiding educational contribution being made by the North Miami Campus is underscored by several interesting statistics. During the seven-week period, beginning two weeks before the opening of the campus, on the 21st of June, 1977, 1,183 area residents visited the Student Services' offices for information and counseling while 780 residents telephoned for the same service, a total of almost 2,000 people. The long wait is over. The campus has arrived and the community is being served.



Oktay Ural

INTERNATIONAL HOUSING SCIENCE

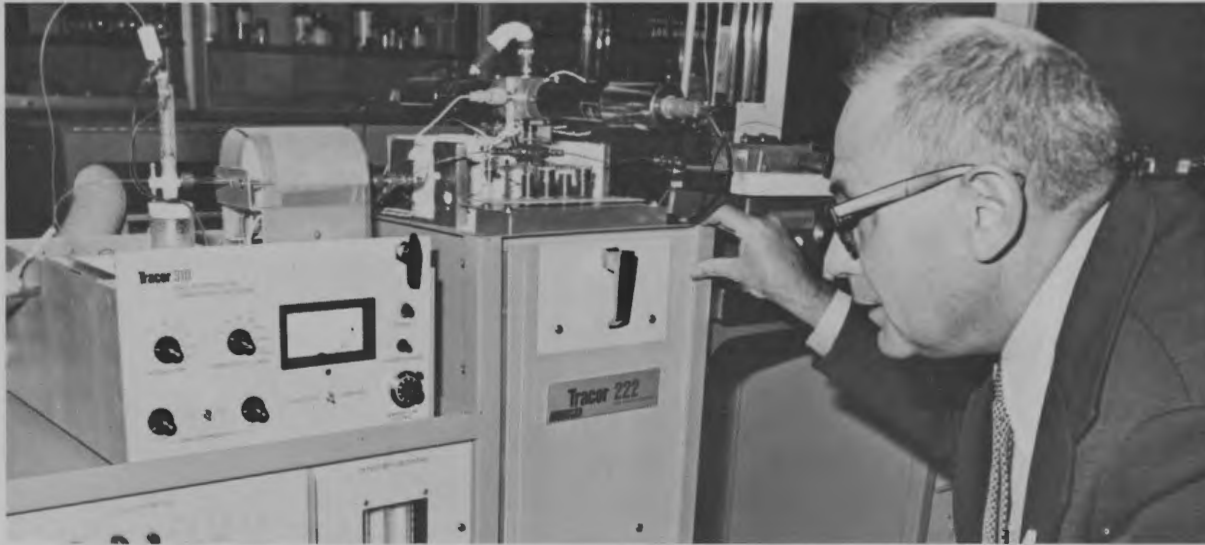
Shelter is clearly one of the two or three most fundamental necessities for all of mankind. Throughout history the majority of people in the entire world have had to contend with marginal or inadequate shelter, and for some in times of particular stress, almost no shelter at all. This basic human need and all the technical and social problems and opportunities attending it are now the object of intensive study, research, and dissemination of information by one particular department of Florida International University. The Division of Construction Technology in the School of Technology has undertaken this study of housing on an international basis. Under the leadership of Dr. Oktay Ural, Professor of Construction Technology and Director of the Division of Construction Technology, this new and young discipline, International Housing Science has generated growing world-wide interest. Florida International University has been increasingly cited for its contribution. Others on the University faculty who contribute to this field are Professors Leroy Thompson, Bhaskar Chaudhari, and Enayatollah Majzub.

Dr. Ural is the founding president of the International Association for Housing Science with a membership of individuals and agencies representing most of the countries of the world. The Association promotes research into the means of improving housing technology and production, the incorporation of new scientific information, the application of the interdisciplinary aspects of housing, the cooperation of private enterprise, governmental agencies and universities to solve housing problems, efficient research by elimination unnecessary duplication and the dissemination of new information about housing science through publication, workshops and international conferences. To support the broad and early sharing of new information, the association sponsors the International Journal for Housing Science and its Applications published by the Pergamon Press. Dr. Ural is its editor-in-chief.

The International Association for Housing Science, whose treasurer is FIU faculty member Dr. Leroy Thompson, has its headquarters on the campus of Florida International University.

Under the leadership of Dr. Ural, an increasing number of international conferences on housing has been offered in the recent past and has been scheduled for the near future through cooperation from among the International Association for Housing Science, Florida International University, governmental agencies, and/or universities from throughout the world, international technological and research centers and agencies within the United Nations. Among these are the following important gatherings of Housing experts: "International Symposium on Housing Problems," hosted by Clemson University and held in Atlanta, Georgia; "The United Nations' Conference and Exposition on Human Settlement," Vancouver, June, 1976; "Workshop on the Evaluation of Industrialized Housing Systems," November 15-20, 1976, Cairo, Egypt; "International Seminar on Low Cost Housing," January 12-22, 1977, Madras, India; "The International Conference on Low Cost Housing (Technology and Policy)," June 7-10, 1977, Bangkok, Thailand; "International Conference on Disaster Area Housing," September 4-10, 1977, Istanbul, Turkey; "Symposium on Reducing Housing Costs," March 26-31, 1978, Salvador, Bahia, Brazil; and "International Conference on Housing Problems in Developing Countries," December 18-22, 1978, Dhahran, Saudi Arabia.

Dr. Ural is currently compiling a volume on the construction of lower cost housing to be published by John Wiley and Sons. He is also working on another volume to be entitled, "Housing Problems in Developing Countries."



Daniel F. Jackson

DRINKING WATER QUALITY RESEARCH CENTER

Wheat is often called the staff of life. But, water is the stuff of life. Our earliest nurture is within its midst. Fresh water is essential to human life and human settlement. But the quality and the availability of fresh water are being severely strained by population growth and the lifestyle of our civilization.

The issue was significantly precipitated when in November, 1974, the city of New Orleans filed suit against the Federal Government for excessive contaminants found in the city's water supply. Federal legislation shortly thereafter led to an elaborate survey of water quality in eighty cities in the United States. The results were shocking for many of those communities, including the Miami area.

Thus, because this issue has now become critical for South Florida and many other places in the country and in the world, Florida International University with the support and approval of the Board of Regents, during this past year has established the Drinking Water Quality Research Center to research and resolve the hazards to the water people drink.

The Center was founded by Dr. Daniel Jackson Professor and former Director of the Division of Environmen-

tal Technology and Urban Systems, a distinguished fresh water scientist, who has published some eighty-five studies, including five books on the subject. Dr. Jackson also directs the University's graduate program in Aquatic Resources leading to a Master of Science degree. Prior to the establishment of the Center, Dr. Jackson and his colleagues had undertaken extensive investigation in this area, funded by research grants totaling some \$325,000.

The Center, which is funded for the current fiscal year with an appropriation of \$585,000 for operations and capital equipment outlay, is undertaking extensive efforts in research service, and training.

The research effort is studying chemical contaminants in drinking water, including pesticides, heavy metals and by-products of disinfection. Some of these studies are being pursued in cooperation with the Florida Department of Regulation and the Chemistry Department of Florida Atlantic University. Other research activities are examining biological nuisances in drinking water, such as algae. Both behavioral and pathological studies will be made of human diseases and allergies resulting from drinking water. Experiments are examining and developing new techniques of water treatment disinfection and water innovation.

Public service is an important part of the Center's mission. It is, for example, offering advisory assistance to a variety of agencies including the Dade League of Cities (27 municipalities), the Gold Coast League of Cities (Palm Beach, Broward and Dade Counties), Lee County, the Greater Miami Chamber of Commerce, The Miami River Inter-city Ward, and the Dade County Legislative Delegation. In addition, informational exchange is being pursued with other civic state and federal agencies.

The Center is also offering training programs through technical short courses to prepare water operators. Cooperative programs are scheduled with both Broward Community College and Miami-Dade Community College.

In order to enlist the best minds, not only in South

DRINKING WATER QUALITY RESEARCH CENTER

Florida but from throughout the country, the Center has established a number of Councils and Boards and is developing a Special Research Scholars' Program. In a consortium arrangement, the University, Broward Community College, Miami Dade Community College and Florida Keys Community College carry on cooperative programs in research and the training of technical personnel. An advisory board representing community organizations and agencies provides dialogue and exchange between the Center and the public at large on concerns regarding water quality developments. An academic research board with representatives from universities, colleges and other agencies pursue drinking water quality research and development. The Water Council consists of those university faculty members who are or may be soon pursuing research on water problems. The Council is providing a forum for faculty dialogue and cooperative effort on the issue. One of the more promising plans for such efforts is the program known as the Golden Age Research Scholars, retired professors who seek to continue their water research activities with the support of the Center's resources.

The Center is currently expanding its staff through appointments of additional chemists, a toxicologist, a water treatment engineer and a water information specialist. The Center is also generating plans for its future activities among which is the establishment of its permanent location on the North Miami Campus. The Center will move from its present Tamiami Campus site after the construction of its new facilities at North Miami, for which it will be requesting \$1.5 million in capital outlay funds to construct a wing of Academic II, scheduled for completion in 1980.

In its new home, the Center will be able to pursue the substantial research for which it will be equipped. The 1974 Federal Safe Drinking Water Act, and The 1977 Florida Safe Drinking Water Act together provide conditions for extensive federal funding for water research and improvement.

The growth of population, economic development and environmental assaults all have impacted on the quality and availability of drinking water. Recognizing the demands for more water, recognizing a national and local desire for maintaining health together with economic development and recognizing the need to arrest fear of our water quality, the Drinking Water Quality Research Center is making a clear and direct contribution to the quality of human life.



*William
Leffland*

INTERNATIONAL AFFAIRS CENTER

"Greater International Understanding," the University sets forth as one of its three principal goals expressing its desire to "become a major international education center with a primary emphasis on creating mutual understanding among the Americas and throughout the world."

The past year has seen this goal and this desire move forward by a number of giant steps.

In early 1977, the Center acquired a new Dean, Dr. William Leffland, formerly of the University of Southern California. Later in the year, Dr. Thomas A. Breslin, formerly of the University of Virginia, was appointed to the position of Associate Dean. Under this new leadership major steps were taken in collaboration with key faculty members to review current international programs, to reorganize the Center for future development, to identify academic resources for international education and to acquire new funding for

the Center and its programs.

The scope of current international activities can be understood by reviewing some of the major international projects in which the University's distinguished faculty are involved.

Three study tours have been offered during the year. A Fine Arts Tour was conducted by Professor James Couper through Holland, Belgium, Italy and France. Professor James McArthur conducted a tour on the biological sciences through Jamaica and Professor R. V. Farrell conducted a tour on Secondary Education through Colombia.

The University sponsors two faculty exchange activities. The first is with the Educational Planning Office of Mexico City, and the Computer Science Program of the University's Department of Mathematical Sciences. The second is an exchange between the Herbarium of the National Institute of Jamaica and the Biological Sciences Department of the University. There is also an ongoing student exchange with the University of Haiti on Earth Science conducted by the Physical Sciences Department of the University.

The School of Business and Organizational Sciences is offering Master of Business Administration (MBA) degree program in Venezuela. The program is designed exclusively for the faculty of the Schools of Administration of Universidad de Oriente and is conducted in Isla Margarita. All costs of this program are covered by the contract funds or paid directly by the Universidad de Oriente. The program is directed by Associate Dean George Sutija. Dean Sutija also developed a graduate program in Educational Management at the request of the Ministry of Education of Venezuela at Universidad de Oriente for the top officials of the Venezuelan educational system. Most of the courses in this Master of Educational Management are taught by F.I.U. faculty. With the support from the Bahamas' Ministry of Education, Dr. Emma W. Rembert of the University's School of Education has been providing

INTERNATIONAL AFFAIRS CENTER

in-service training for Childhood Education in Nassau The Bahamas. Similar services are provided in Bimini, by Dr. Arthur Dempsey of the School of Education. Likewise Dr. Zola Sullivan of the School of Education has been offering bi-monthly faculty and staff seminars at the Holy Name Catholic Elementary School in Bimini.

The Bahamas has also been receiving services from the University's School of Technology. A pilot program of in-service faculty training is now underway in the College of The Bahamas. And at the Universidad Católica in Bogota, Colombia, Dr. Carlos Alvarez of the University's School of Education has just completed an intensive course in Behavioral Consultation and Family Intervention.

A number of important consulting activities have engaged the University's faculty in projects abroad. Among these is the issue of air pollution control in The Bahamas in which two faculty members from the School of Technology have been working. With support of the Building Research Institute of Turkey and in cooperation with the International Association for Housing Science, two faculty members from the School of Technology have been working in Turkey on International Disaster Housing. Finally, members of the University Faculty of Nursing have been providing consulting services in Nursing Education to the Bahamas' Government.

In the area of technical assistance and research, two members of the University's faculty, Dr. Florentin Maurrasse and Dr. Usman Sayeed have been supervising the geological mapping of the southern peninsula of Haiti with support from the Haitian National Institute of Mining Resources and the National Science Foundation.

The International Affairs Center during this past year has also been looking to the future. In pursuing the University's international developmental activity, the Center has established a network of ties with sixteen countries around the globe, ranging from Latin America to the African continent, the Middle East, the Far East

and, Europe. As part of this effort the University has appointed an International Advisory Council to the Center, composed of outstanding governmental leaders, businessmen, and diplomats. They include: Thomas D. Lumpkin, President, Gulf Oil Co., Latin America; Lic. Ignacio Pichardo, Vice Minister of Finance, Mexico; Dr. John R. Hubbard, President, University of Southern California; Robert J. Fluor, Chairman of the Board and President, Fluor Corporation; Dr. Rosalie Hayden, Director, International Projects, American Council on Education; His Excellency Ardeshir Zahedi, Iranian Ambassador to the United States; Justin Dart, Chairman of the Board and President, Dart Industries; James Sink, President, James M. Sink, Associates, Architects, Houston; Dr. James Whalen, President, Ithaca College; and Dr. Vernon Alden, Chairman of the Executive Committee, The Boston Company.

In addition, an International Committee of the Florida International University Foundation has been expanded to include: Jose Avayu, President, Condor Construction and Development Corp.; Luis J. Botifoll, Amarex Corporation; Hugh Caille, Regional Director, Western Airlines; Lester Johnson, President, Johnson Insurance Agency, Inc.; Thomas D. Lumpkin, President, Gulf Oil—Latin America; Nicholas Morley, Chairman of the Board, Interterra, Developers Ltd.; Blanka Rosenstiel, President, American Institute of Polish Culture; Alberto Vadia, President, Pan American Land Development Corp.; Paul Vaughn, President, Vader, Inc.; Thomas J. Wolfe, Shutts & Bowen; Richard Wolfson, Executive Vice President, Wometco Enterprises; and Sonny Wright, President, Universal Real Estate, Inc.

In its continuing look to the future, the Center has been designed to become the major component of the International Center as part of the University's commitment to broaden and institutionalize its mandate "to become a major international education center." The Center will become a meeting place for developing countries, most of which are in the Southern Hemisphere.

INTERNATIONAL AFFAIRS CENTER

The orientation of the Center will be to development and it will concentrate on identifying needs, priorities, and resources and will assist in implementation.

The Center will be designed to operate under a two-track philosophy combining knowledge production and knowledge utilization. Knowledge production will emphasize areas of traditional academic interest including such established disciplines as economics, public and business administration, sociology, international relations and comparative literature. Knowledge utilization will capture the unique capabilities of the University in pragmatic training and development in order to meet the immediate needs and interests of less developed countries. Instruction and research projects will be established related to areas of economic stability, including concerns of employment, food production and nutrition.

As part of the International Center's new efforts this year several major projects moved into the late planning or early implementation stage. They are:

- **International Tax Administration Program.** Negotiations are currently proceeding between the University and the Government of Mexico to institute a year-long program to train and improve the skills of Mexican tax managers and administrators. This will be part of a systematic effort by the Center, in various countries, to increase the productivity and efficiency of tax administrative and technical personnel as financial demands on government mount and taxation processes become more urgent and complex.
- **International Disaster Preparedness Program.** Currently in the design stage, this program will assist foreign nations to establish well planned and integrated disaster preparedness programs. Up to now, there has been little coordinated effort on an international scale to prepare populations for natural and man-made disasters. Invariably assistance comes

after the disaster has occurred. The University's program will emphasize a Systems Management Approach along a broad spectrum of economic and social needs.

- **Establishment of the Language Center.** The International Affairs Center has been working with a task force in developing a master plan for a new Language Center at the University which would offer, among a number of programs, an intensive English-Spanish Language Program and bring large numbers of foreign students to the University for degree studies.

The University is convinced, that many projects — those now offered and those planned for the future — in language, in education, in health, in technology, and in development will help create greater mutual understanding throughout the world.



James M. Couper

THE FINE ARTS GALLERY

Florida International University has completed only a first half decade of its history. During these years it has added facilities as rapidly as possible: classrooms, lecture halls, laboratories, a library. This past year, its fifth, the University reached out to add another essential facility, the Fine Arts Gallery, for which the Fine Arts faculty has been waiting, some patiently, some not so patiently. Repeated appeals had been made for a gallery. The opportunity finally came with the renovation of the first floor of Primera Casa when the Library moved to its new building. The University committed substantial square footage. Professors Frank Wyroba and James Couper worked with the architects to develop the design for the facility.

The Gallery is a large, spacious, and well-lighted facility. Upon its opening in May, 1977, Ellen Edwards of the *Miami Herald* said, "The gallery space itself is one of the better places for exhibition in this area — definitely the best of any of the campus spaces."

The main area has a 16-foot high ceiling, with the auxiliary area, 12 feet. The irregular free-flowing pattern of space permits the scheduling of several exhibits at the same time. The lighting system is highly flexible with dimming capabilities at every point in the Gallery. A contiguous, open but covered concrete deck will make possible the exhibition of very large sculpture. Sufficient storage and work space were programmed into the final plans. And a security system was designed and installed to provide complete electronic surveillance from within the facility and additionally from remote university security locations.

The purposes of the Fine Arts Gallery parallel those of the University: instruction, public service, and international understanding. The Gallery provides an opportunity for students and faculty members to share their creative work with each other and the entire campus community. In addition, the Gallery displays traveling exhibitions and experimental projects. All exhibits are open to the community. Finally, the Gallery has sought to

exhibit the work of artists from abroad and other work of significance to the entire world.

Professor James Couper has been serving as Gallery Director in addition to being Chairman of the Department of Visual Arts. The Gallery receives some operational funding from the Division of Academic Affairs. However, its entire exhibition budget is provided by a handsome allocation of resources from the Student Government Association.

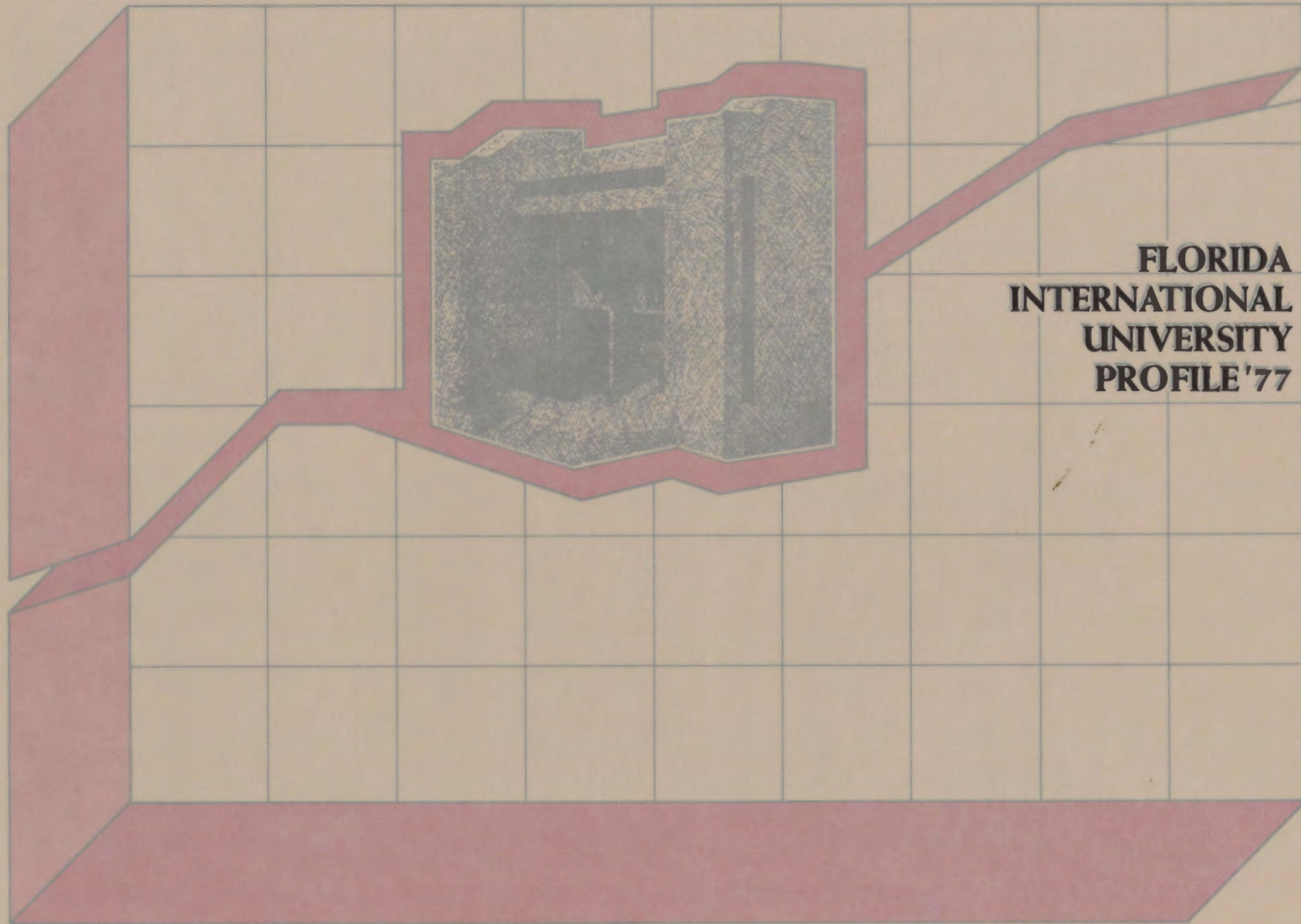
Among the exhibitions of particular note already held are the following:

- **Lines of Vision: Contemporary Latin American Drawings.** One hundred examples of the best drawings of contemporary Latin American artists.
- **Alberto Giacometti—Draftsman and Sculptor.** Examples of sculpture, drawings and graphics by one of the most important artists of the twentieth century.

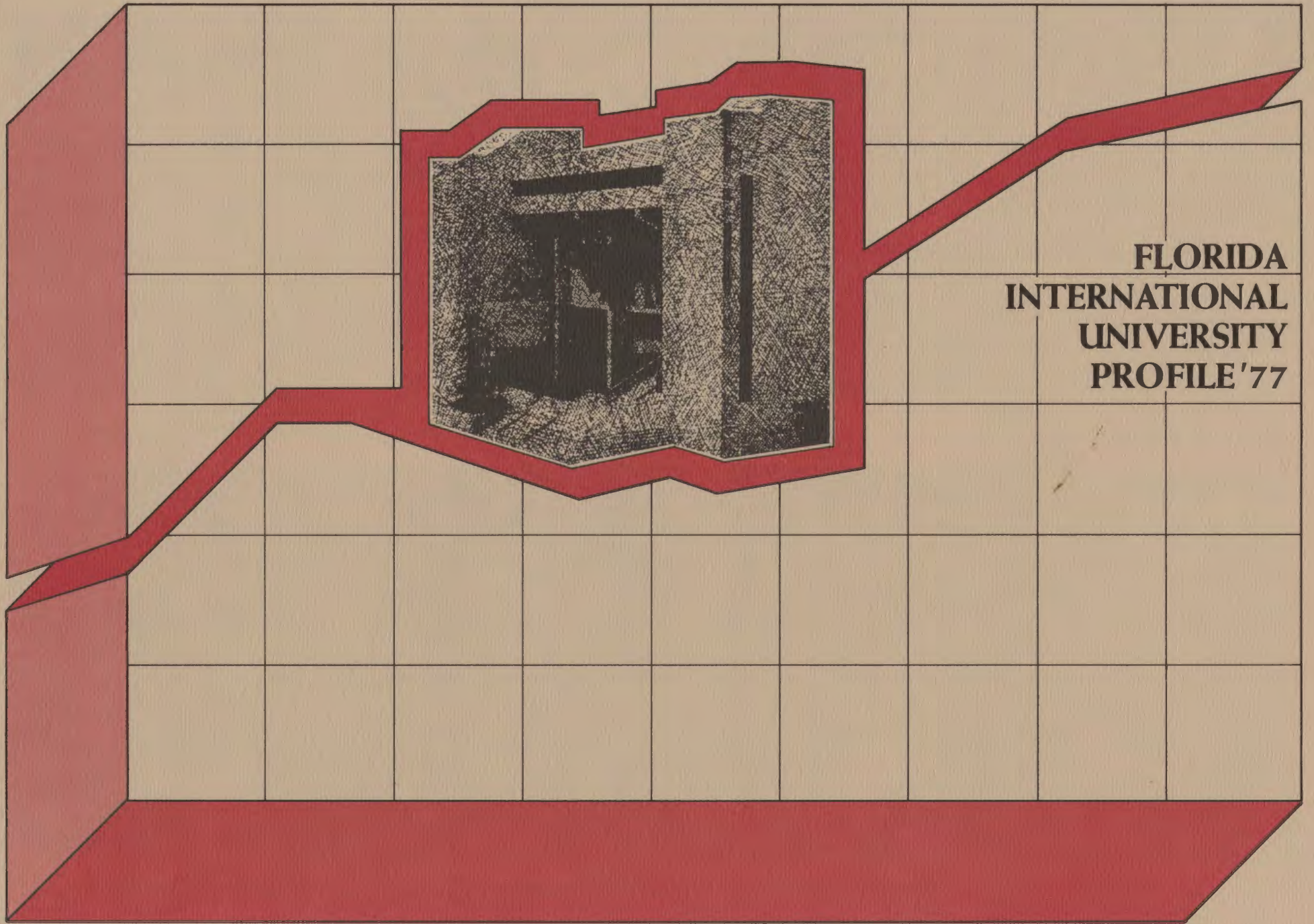
Plans for the year ahead include the following:

- **Select Contemporary Black Artists.** A sampling of work by contemporary Black American artists.
- **Chinese Porcelains.**
- **The Nazi Drawings of Maurice Lasansky.** Powerful expressions against Nazi atrocities by an outstanding contemporary artist.
- **The Texturology Series of Jean Dubuffet.** An important series of works by one of the world's leading living artists.
- **An Annual Student Show.**

It has been said that the experience of visiting a gallery exhibition opens our eyes to the visual richness in the total world about us. This past year Florida International University added this important capacity to its many others.



**FLORIDA
INTERNATIONAL
UNIVERSITY
PROFILE '77**



**FLORIDA
INTERNATIONAL
UNIVERSITY
PROFILE '77**

UNIVERSITY ADMINISTRATION



Harold Bryan Crosby
President



Dr. Joseph D. Olander
Executive Vice President



Dr. Patricia Lutterbie
Associate Executive Vice President



Dr. Ricardo Arias
Interim Vice President for Academic Affairs



Dr. Judy M. Merritt
Vice President for Student Affairs



Ronald G. Arrowsmith
Vice President for Administrative Affairs

ACADEMIC DEANS



Dr. James A. Mau
Dean, College of Arts & Sciences



Dr. G. Wesley Sowards
Dean, School of Education



Dr. Rose L. Foster
Interim Dean, School of Health & Social
Services



Dr. Gerald W. Lattin
Dean, School of Hotel, Food & Travel Services



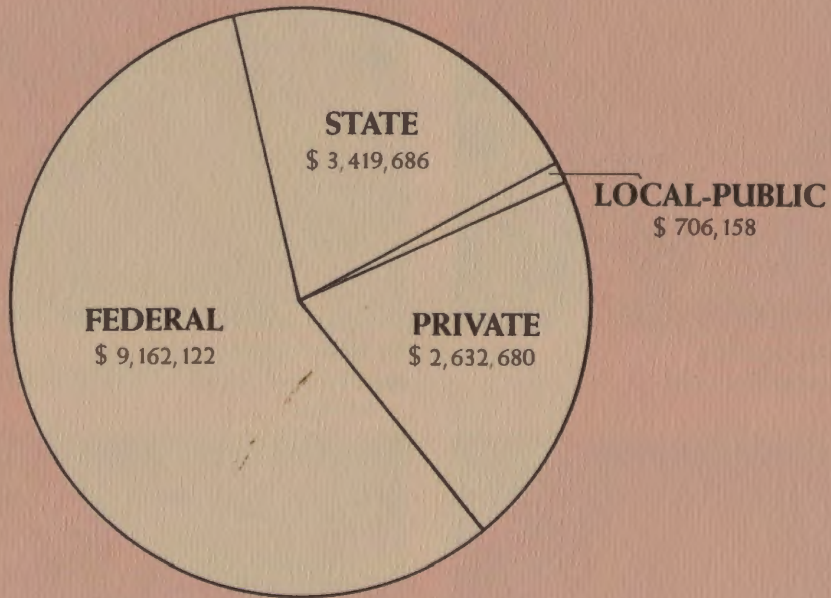
Dr. George B. Simmons
Dean, School of Business & Organizational
Sciences



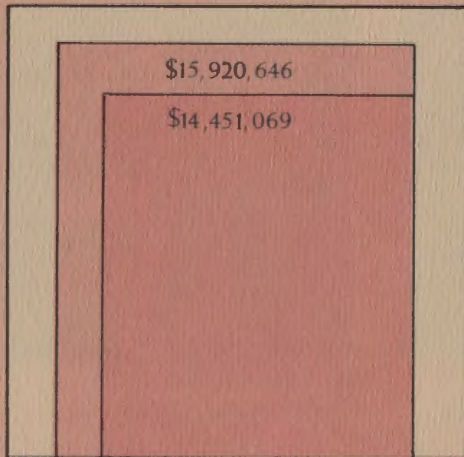
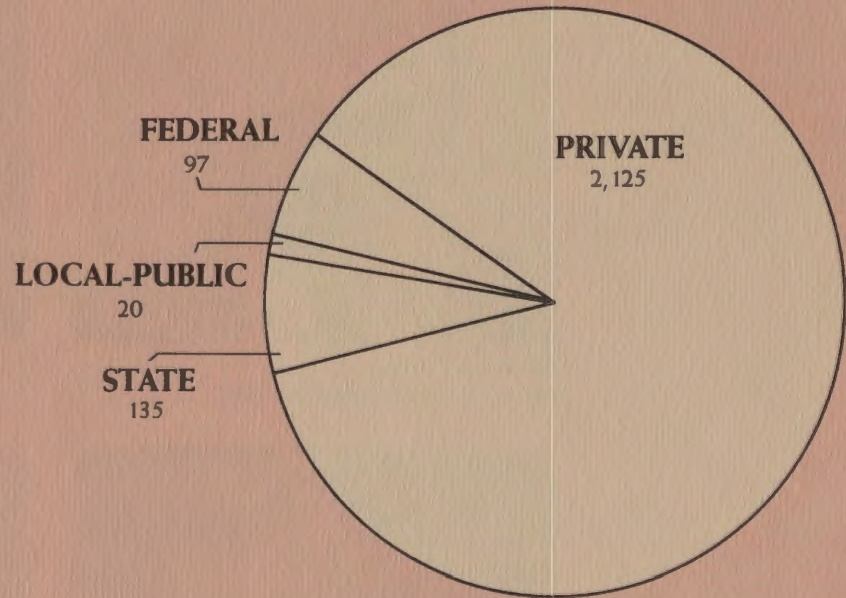
Dr. Robert W. Ellis, Jr.
Dean, School of Technology

GIFTS GRANTS CONTRACTS 1970-1977

VALUE



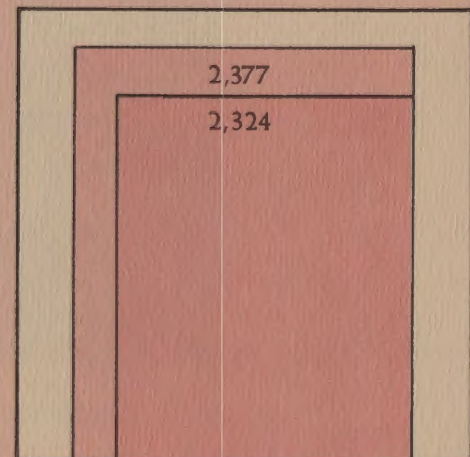
No.



1970-1977



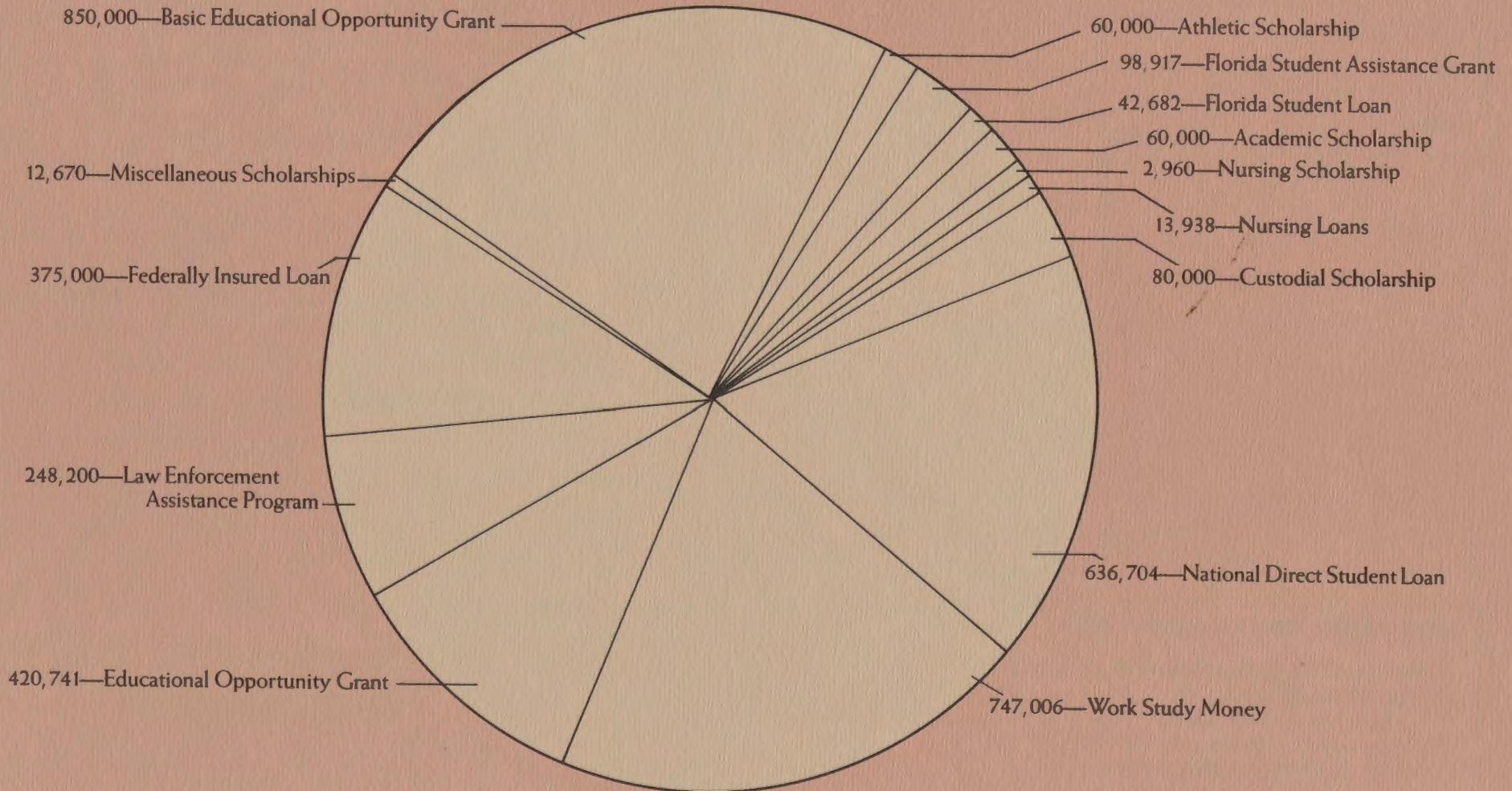
1970-1976



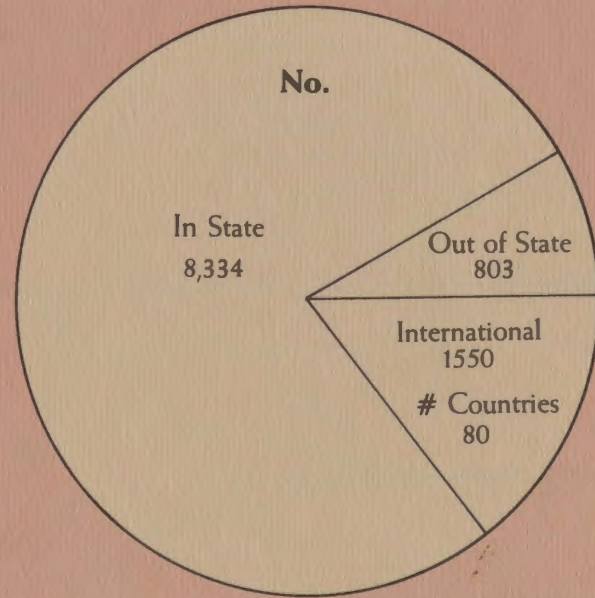
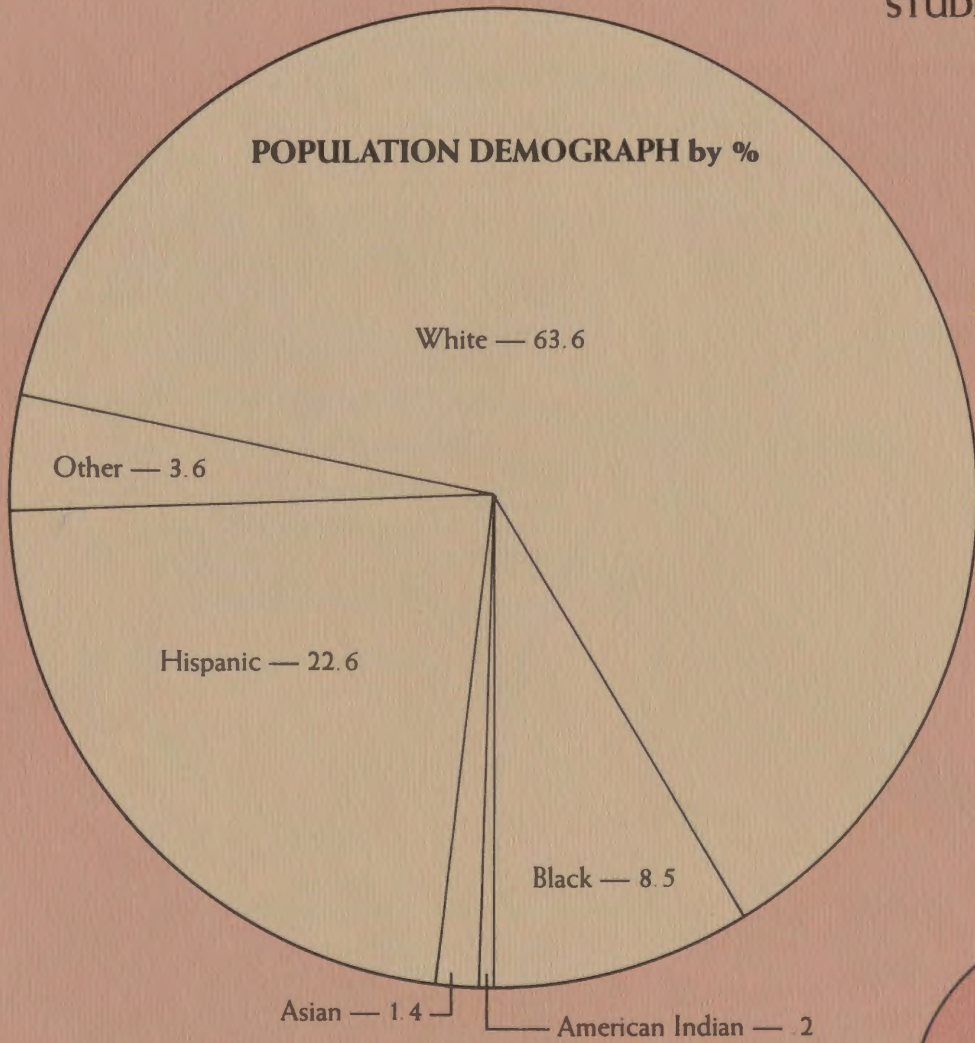
FINANCIAL AID

Total \$ Awarded: \$3,648,818

1977

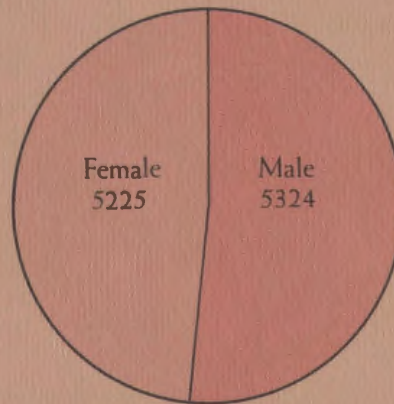


STUDENTS 1977

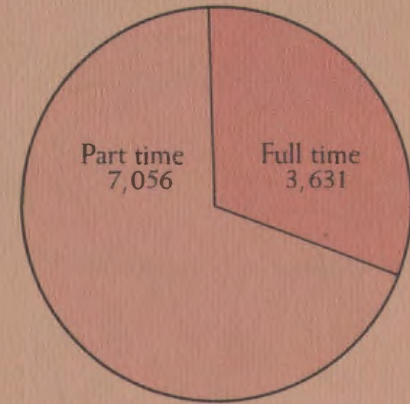


Of the 1550 international students, 297 are non-resident aliens and 1253 are resident aliens. Of the resident aliens, 880 are Cuban.

SPECIAL STUDENTS Non-Degree Seeking 2960



Avg. Age — 28.8



ADMISSION AND CURRENT FEES:

Non-refundable Application fee—\$15.00

FLORIDA RESIDENTS

Upper Level—\$16.50 per credit hour

Graduate—\$22.00 per credit hour

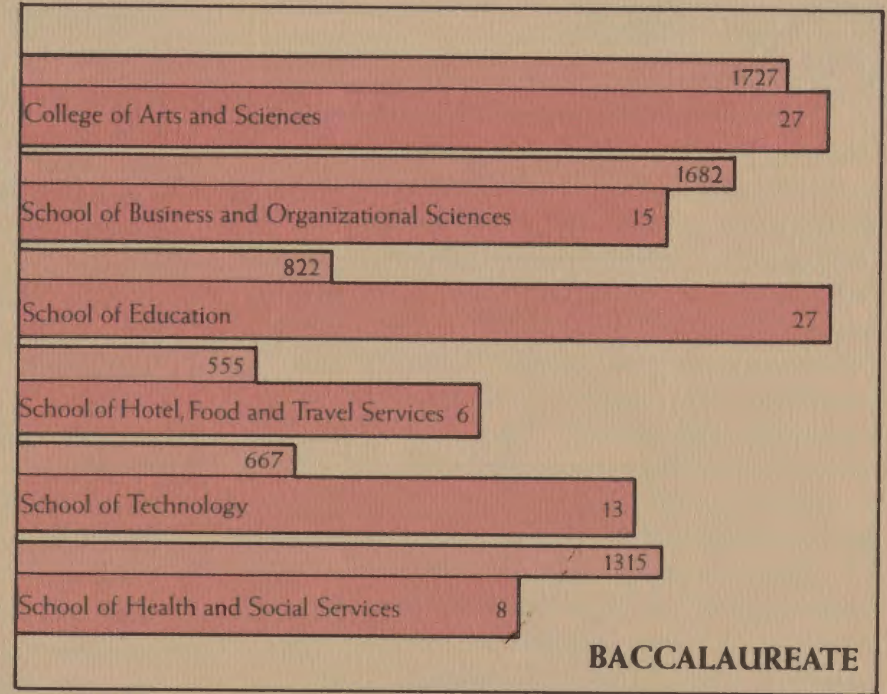
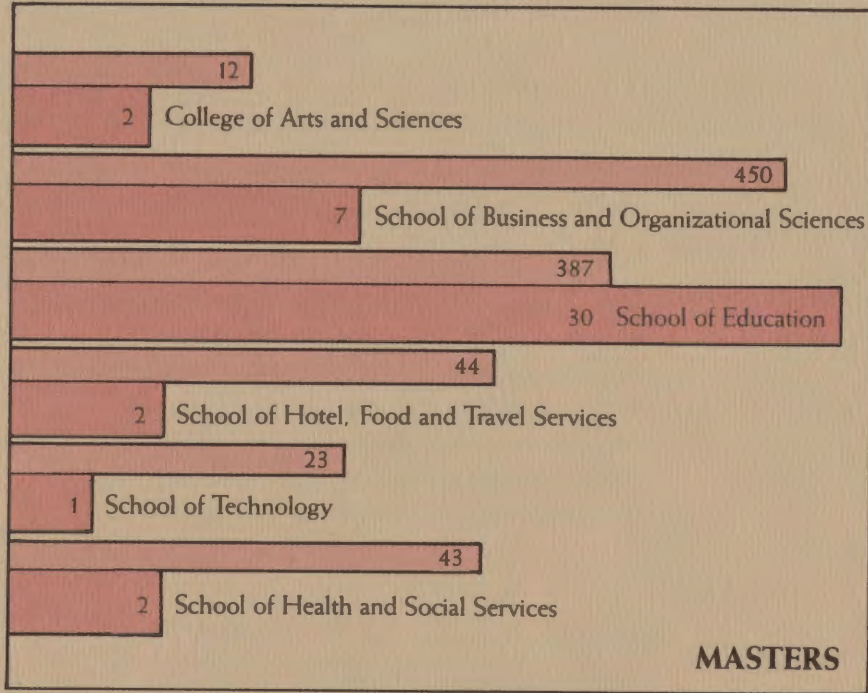
NON-FLORIDA RESIDENTS

Upper Level—\$51.50 per credit hour

Graduate—\$62.50 per credit hour

ENROLLMENT PROGRAMS

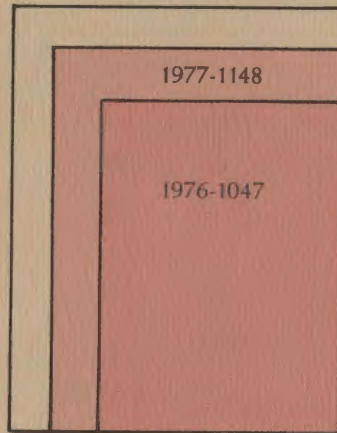
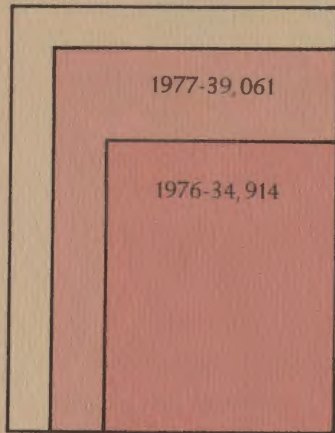
COMPARISON FIGURES 1977



DEPARTMENT of CONFERENCES

Attendance

Conferences



ANNUAL OPERATING BUDGET

1976-77 \$ 21,873,000

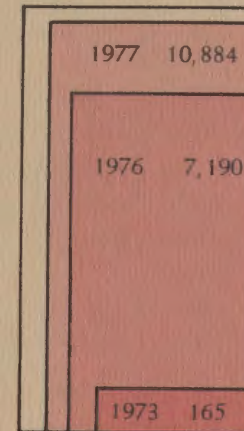
1977-78 \$ 26,369,000

PHYSICAL PLANT DOLLAR VALUE

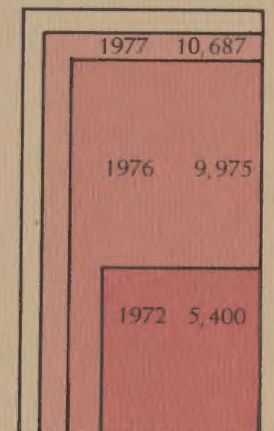
1975-76 \$ 43,361,494

1976-77 \$ 54,974,516

NUMBER of GRADUATES



ENROLLMENT



SYNOPSIS OF UNIVERSITY PROFILE

The emphasis of this report and Florida International University is people; those who serve and those who are served. It is appropriate, therefore, that this section open with a brief glance at our university leadership. Space prevents us from highlighting all the dedicated faculty, staff, students, community leaders, and citizens of the State of Florida who have contributed significantly to the rapid development of the University. Their work has helped bring to the many in our region who require it, a high-quality public university education. The collective efforts of our people are graphically summarized here and we all share the pride of accomplishment in our past—only superseded by the expectations of our future.

Florida International's unparalleled development since its opening in 1972 is indeed impressive. Of equal significance, however, is the fact that our urban student population reflects the vanguard of change in higher education.

The statistics show convincingly that "lifelong learning" at Florida International is not a future expectation we're planning; it's a current need we're serving. Our older, employed, dominantly part-time and evening students are here to learn and grow with the dynamic region and the world in which we live.

Florida International University's substantial population of international students is a natural expression of the bilingual and multi-cultured metropolis of Greater Miami, reinforcing our tripartite goal of promoting greater international understanding while educating our students and serving our community.

Our profile is one of growth and diversity and our future is one of challenge and opportunity. You are encouraged to share our pride and our future.

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James H. Williams, Jr., Lieutenant Governor
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This entire report was funded by privately donated funds through the Florida International University Foundation, Inc

PEOPLE AND PROGRAMS



Dr. Steven S. Strichart, Associate Professor of Psychoeducational Services and Co-Director of the Psychoeducational Assessment Center.



Dr. Wendy Schroeder Cheyney, Associate Professor of Psychoeducational Services and Co-Director of the Psychoeducational Assessment Center.

Two FIU professors with broad backgrounds in psychology and special education and in teaching children with learning problems, Dr. Wendy Cheyney and Dr. Steven Strichart, have acquired support for and have created the Psychoeducational Assessment Center.

Dr. Cheyney with degrees from the State University of New York at Buffalo, the University of Buffalo and the University of Miami has had broad experience in speech and hearing correction as well as the supervision of special classes for children with learning problems. Dr. Strichart,

who holds two degrees from the City College of New York and the doctorate from Yeshiva University, has served on the faculty of Rutgers University and Hofstra University and has worked in the New York City public school system with children of retarded mental development. Both have published widely in this area.

During this past year Professors Cheyney and Strichart have designed a Psychoeducational Center to provide special help for a group of children who could profit from diagnostic services and special teaching programs. The Center also was designed to serve as a setting for internship experiences by graduate students in the University program of Psychoeducational Services. With grants from the Kiwanis Club of Greater Miami, and the Florida International University Foundation, the Center first began serving students during this past winter quarter.

More than fifty children have been served. Each has received an individualized psychoeducational assessment and post assessment staffings were held with parents. More than half of the parents became involved in counseling sessions to improve their effectiveness with their children. All children received five weeks of individualized prescriptive education based on the results of the assessment process. Following a final parent conference at the end of these tutoring sessions, comprehensive type written reports were sent to parents. In addition, the Center provided internship experiences for some seventy graduate students.

The marriage of formal instruction and community service was vigorously demonstrated by this successful undertaking by two University professors.

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Dr. Shirley Musgrave,
Associate Professor of Art Education



Dr. Robert F. Testa,
Assistant Professor of Music Education

Concerned about the kind of education in the arts which children in the public schools receive, these two university professors set out to do something about it. They decided to begin at the beginning. They focused their attention on the youngest children in the public schools.

Dr. Musgrave came to this task after receiving degrees in the Fine Arts from Mississippi State College for Women, the University of Kansas and Florida State University and after teaching and supervising the teaching of art in the public schools of Linwood, Kansas; the University of Kansas; Memphis State University and Florida International University. Dr. Testa, likewise, holds degrees in Music, Fine Arts and Education from Carnegie-Mellon University, Duquesne University and the University of Miami, with teaching and supervisory positions in Clairton, Pennsylvania; Pittsburgh, Pennsylvania; the University of Miami and Florida International University.

In order to pursue their interests, Professors Musgrave and Testa acquired funding for their project from the Florida International University Foundation and the Department of Human Resources of Dade County. The two educators set about designing a rather elaborate curriculum of construction in the arts for very young children published under the title of *Experiences in the*

Arts, intended fundamentally as a guide to teachers who would pursue the program with their children. A variety of day-care centers were selected containing a total of thirteen classrooms and some 260 children and twenty-six teachers. The two educators organized and conducted a series of eight workshops with the faculty member who would be participating in the project. The workshop prepared the teachers to manipulate equipment and materials to understand the artistic development of children ages three, four and five; to develop skills in using specific instructional media and kits contained in the guide; to develop skills in classroom management for art lessons and to review procedures for daily use of the guide.

During the year, under the supervision of the two university educators, the teachers pursued a large variety of exercises and activities for the children in reaching out to their imaginations; in presenting to them an understanding of color and its potential for mood and emotion and clarifying the uses of dullness and brightness and darkness and lightness; in focusing the children's attention on lines and their rich variety of uses, on shapes, size, patterns, textures, dimensions, space and movement.

The project in the visual arts concluded with an understanding of the artist's use of his culture. In music the children were first introduced to the possibilities of their own human voices and their abilities to make sound, to the variety of musical instruments; next, to pitch, tone, duration, beat, pace and loudness. Through a variety of repetitive exercises and drills designed for the enjoyment of very young children, remarkably sophisticated perceptions on the part of children were generated.

General acceptance and approval of the program and its details by teachers, parents and children have led the two university educators to conclude that remarkable learning opportunities can be made available to young children to stimulate their natural inclinations toward understanding and appreciation of the arts.



Dr. Duane Kujawa,
Professor of International Business

We live in the midst of a rapidly developing world society and world economy. Multinational companies are growing twice as fast as national companies. The very high level of technological proficiency, investments in research and development and a large labor market may produce better products and thereby maximize growth opportunities, job opportunities and opportunities for substantial export. Difficulties arise from political, social, and cultural differences, however, among nations. The multi-national company is in a position to pick from among the best of technological achievements in any country and the best of production efficiency in any other country and therefore produce better products at lower costs for a world market. Multinational corporations also facilitate the transfer of technology and production skills from country to country.

Professor Duane Kujawa gives most of his attention to these matters. Holding degrees from the University of Detroit, the University of Santa Clara and the University of Michigan, and having taught with Boston University, in Europe, the INCAE in Central America, and Georgia State University before coming to Florida International University, Dr. Kujawa emphasizes the need for the study of the international business scene. He also has set himself to preparing professional personnel who can work productively in this important and growing area.

Under his leadership the University now offers both a Bachelor of Business Administration and a Bachelor of Public Administration in International Business. In addition, the University offers a program on an annual basis for bankers from throughout the world.

Dr. Kujawa serves as Executive Secretary and member of the Governing Board of the Academy of International Business, a world-wide organization of more than 800 members in more than thirty countries. The World Headquarters of the Academy is now sited on the campus of the University. Dr. Kujawa is also editor of the Quarterly Newsletter of the Academy. In addition, Dr. Kujawa writes a regular column entitled "International

Business" in the monthly magazine, *Mundo Latino*. The author of scores of articles and several books, he has just co-authored a new book about to be published by D. C. Heath and Company as part of its Lexington Books series, to be entitled *Foreign Multinationals in the United States: Management Practices and Patterns*.

Dr. Kujawa came to Florida International University from the Georgia State University. He believes that the bicultural and bilingual city of Miami is a natural setting in which to carry on his research and teaching activities for the world of international business.



Dr. Marvin Dunn,
Associate Professor of Psychology and
Director of the Cultural and
Human Interaction Center (CHIC)

Florida International University with its strong thrust toward international understanding, international education and international exchange must also be understood to be an urban university. The University's two campuses are set within a metropolitan region of some three million people. The large city in which a university may find itself does not of itself make the university urban. The distinctive quality of the urban university is the use of its city environment as a great teaching and research laboratory and its service to that community from what it has learned about the city and its people. It is in the latter sense that Florida International is an urban university.

Professor Marvin Dunn illustrates this particular university contribution. Dr. Dunn is a psychologist with degrees from Moorehouse College, Roosevelt University and the University of Tennessee. Dr. Dunn is also a product of the Dade County School System, having been a student here. Thus, he knows the community and its educational system with a rare intimacy. He has also served as a school psychologist and a community psychologist.

When Dr. Dunn accepted an invitation to join the faculty of Florida International University in 1972, his inclination was to bridge the racial and ethnic tensions existing in the community through the University's world of learning. The Cultural and Human Interaction Center was born five years ago from this dream. The project was funded by the HEW/Office of Education, under the Emergency School Aid Act (ESAA). ESAA focuses on increasing positive interaction among the cultural and racial groups within Dade County Schools. CHIC human relations specialists work closely with students toward this goal. The ESAA Project continues to receive funding each year.

CHIC began to expand its programs. The Title IV Institute on Sexism was funded by HEW/Office of Education to assist Dade County schools to implement Title IX guidelines. A two-week summer workshop for one hundred teachers, counselors and school administrators

set as its goal intensive training to foster new attitudes to eliminate sex role stereotyping and sex discrimination.

The Coconut Grove Crime Prevention Project has been funded by community development to work with some thirty to fifty adjudicated delinquents who are residents of Coconut Grove. The project's goal is the reduction of criminal involvement among its participants. The CHIC staff involves young people in a counseling effort and encourages the organization and implementation of productive and positive community projects.

The Bilingual Project, with funding from the United States Office of Education, assists the Dade County Public School System in pursuing bilingual and bicultural education. The CHIC staff works with four selected schools, is training some forty-eight school staff members in an intensive Spanish language and culture learning experience, and is working with some eighty-four parents to assist them in organizing as an advocate group for bilingual and bicultural education in the schools. Planned, in addition, are curriculum development conferences which will be open to all school system personnel.

The CETA Project has been funded to assist CHIC in broadening its community involvement. CETA staff will work primarily with the ESAA and Bilingual projects expanding opportunities to serve school community needs in the areas of tri-ethnic relations.

The staff of CHIC is also involved in a variety of services to both the University and the greater community. The staff has also offered workshops for community groups, including the Mental Health Association, the South Florida Tenants Association, Project Transition, the Dade County Community Relations Board, The Dade County PBI Intercultural Relations Team, the Dade County HUD, and others.

Dr. Marvin Dunn and his colleagues in the Cultural and Human Interaction Center are bringing together the hard realities of the community and the theoretical and abstract learning of the campus, to the profit of both.



Dr. Malcolm H. Gotterer,
Professor of Computer Science

The processing and channeling of information in our complex organizations and our elaborate bureaucracies is an issue of high importance for the successful functioning of many aspects of our technological society. Growing out of that issue is the matter of cost for the expensive equipment and personnel needed to drive those systems of communication. The relationship between effectiveness and cost of highly complex information systems has occupied the professional attention of Professor Gotterer during a large part of his career and still does.

Dr. Gotterer came to Florida International University after teaching and research positions at Pennsylvania State University, Georgia Institute of Technology, the University of California at Berkeley and the Graduate School of Business Administration at Harvard University. Dr. Gotterer holds degrees from Suffolk University in Boston and Harvard University. In addition, he has held two year-long post-doctoral fellowships, one at the John Hopkins University and the other at the IBM Systems Research Institute.

As do many of the faculty members at Florida International University, Dr. Gotterer has given much of his professional time to serving an international constituency. He has served either as a consultant or as a deliverer of technical papers or as a designer and teacher of short-term courses in many countries of the world, often under United Nations' sponsorship. His services have been delivered in England, Holland, Belgium, Denmark, Sweden, Russia, South Africa, Singapore, Venezuela. He has been active in the International Federation for Information Processing and has served as a delegate to the General Assembly of that organization as well as on several committees, including the Committee on Professionalism and Certification.

Dr. Gotterer has published several scores of articles and eight books, the latest of which is entitled, **Computers in Administration** (New York, Intext Educational Publishers, Inc., 1973)

In addition to his extensive exploration of the relationship between the technological capabilities of information processing and channeling systems and the economic realities with which those costly systems must contend, he has explored and pursued other topics. He has, and has had for a long time, a particular interest in the education of computer personnel. He has concentrated hereto on the economics of the problem, attempting to identify those aspects of computer knowledge which must be communicated earliest to those who would enter the profession. His theories emphasize the greater importance of engineering and technological understanding over basic mathematics and theoretical science. He has written widely on this topic and practiced the art of educating future computer personnel.

Dr. Gotterer's latest interest, he identifies as "data information protocols". This is an international aspect of information communication dealing with the complexities of moving from the technological characteristics of one national telephone and communication system into different technological problems in computer satellites and then on to another nation's system of communication through computers and telephones. He and his colleagues interested in this field have been trying to unscramble, simplify and regularize this important aspect of international sharing.

As our world grows more technologically proficient and therefore technologically more complex, vigorous efforts at simplifying communication between and among men, complex organizations and nations will continue to need the kinds of vigorous and analytical attention they have enjoyed from the work of Professor Malcolm Gotterer.



Dr. Gary Dessler,
Associate Professor and Associate Dean,
School of Business and Organizational Sciences

To master all that is known in an important and relevant branch of research and learning, to select from that the most meaningful and most valuable knowledge, and to lay it out in an interesting and engaging way so that students might savor its importance and its significance is the central role of a professor in a senior university. Dr. Gary Dessler is a skillful practitioner of this art. With a particular interest in organizational behavior and group psychology, Dr. Dessler has published a number of research articles in this area and is now at work on his fourth book. He holds degrees from New York University, Rensselaer Polytechnic Institute and the City University of New York and devotes a good deal of his time as Associate Dean to the internal administration of the School of Business and Organizational Sciences.

Dr. Dessler's first book, **Organization and Management**, published by Prentice-Hall in 1976, was described by psychologist Herbert A. Simon as "a careful survey of what is known about organizations today, and an insightful application of that knowledge to practical organizational and managerial problems". The book has been used at such universities as Rutgers, Purdue, University of Southern California, Washington University, University of Texas, University of Wisconsin, University of Kentucky and the University of Toronto. It has also been used in Australia, England, South Africa, Japan and Singapore, and is being translated into Spanish.

During this past year his second book, **Management Fundamentals**, was published by Reston Publishing Company, a subsidiary of Prentice-Hall, and his third book, **Personnel Management**, was completed and will be published by Reston in early 1978. Both these books were aimed at providing students with a conceptual framework for helping them analyze management situations and helping them make decisions in those circumstances, in addition to providing practical, immediately usable management skills.

Dr. Dessler is currently completing a fourth book for Prentice-Hall which focuses on an historical and

developmental analysis of complex organizations.

The act of culling from our broad universe of knowledge that which would seem to be most relevant and most serviceable to the affairs of men and women is among the most essential acts of the university professor. Dr. Dessler's professional accomplishments represent a model for emulation.



Dr. Mira Wilkins,
Professor of Economics

The value to an immediate community of the highly specialized research of a university professor is an issue that often engages the public attention. The work of Dr. Wilkins is worth examining to illustrate the issue.

Dr. Wilkins came to Florida International University after a distinguished career at Columbia University, Union College, Smith College and the University of Massachusetts. She holds degrees from Radcliffe College and from Cambridge University, England. Dr. Wilkins has done extensive research on the history and activities of multinational corporations over the past twenty years. She has published two authoritative volumes in the field. The first, published by Harvard University Press in 1970, is entitled **The Emergence of Multinational Enterprise: American Business Abroad from the Colonial Era to 1914**. Four years later she completed a second volume, also published by the Harvard University Press entitled **The Maturing of Multinational Enterprise: American Business Abroad From 1914 to 1970**. The latter volume was nominated for a National Book Award. A second printing was issued in 1975. The book has been translated into Japanese and was published in Japan in 1977. The earlier volume had also been translated into Japanese and published in Japan in 1973. Its English version was published in England by the Oxford University Press in 1971. The book went into a second printing in 1976. Earlier, in 1964, the Wayne State University Press published her book, co-authored with Frank Ernest Hill, entitled **American Business Abroad: Ford on Six Continents**. The book went into a second printing later that year.

Dr. Wilkins has also served as Editor and Advisory Editor for a series of books on European business published by the Arnow Press (a New York Times' subsidiary). In that series four titles were published in 1977 under her personal editorship. She has also served on the editorial advisory board of **Business History Review**, has been Consulting Editor for the **Harper Encyclopedia of the Modern World** and the **Encyclopedia of American**

History. She has also published articles on topics related to multinational corporations in journals such as **Daedalus**, **Business History Review** and the **Journal of Economic History**.

Dr. Wilkins has been the recipient of two STAR grants through which she has studied the impact of non-United States based multinational corporations on Florida resources and enterprises. A final report of these studies to the Office of the Secretary of State will be completed in December, 1977. In the meantime, an interim report has been prepared which considers for the first time the scope of non-United States investments in Florida, the nature of these investments, the benefits and costs, and public policies relating to such investments. To date the results of that research have been used by the Governor in connection with a European trip to seek foreign investments, the Florida Department of Commerce, and the Deputy Attorney General. In February, 1977, the State Cabinet seeking to encourage Canadian investment in the State incorporated data from this interim report. Likewise, the Florida House of Representatives' Committee on Tourism and Economic Development, chaired by Representative Jerry G. Melvin, has made use of the report in its own work.

Dr. Mira Wilkins, like many University professors has a very specialized research interest and has devoted her professional career to pursuing this topic. Such research and the experience obtained in pursuing it has immense value for the well-being of the community. In the case of Dr. Wilkins' professional contributions it gives promise of improving economic conditions in the State of Florida and therefore the quality of life in the community.



**FLORIDA
INTERNATIONAL
UNIVERSITY
FOUNDATION, INC.**

In the past year significant changes have occurred in the structure of the Florida International University Foundation, Inc. From an organization primarily concerned with fund raising, the Board has now accepted the additional responsibility of forming a "bridge" between the University and the community.

Authorization to form Advisory Councils was approved in February and steps were immediately taken to include additional business, governmental and cultural leaders in the day to day activities and functioning of the University. The first Advisory Council was established by linking a group of highly interested international business and economic leaders to the newly established International Affairs Center. Also, although the Accounting Department had previously brought together a number of professionals in the community, the Accounting Department Advisory Council was formally established in late spring. Finally, it was felt that the growth of the newly invested North Miami Campus would be strengthened by the establishment of a group of advisors, and a Council was formed to advise on the growth and development of the new campus.

At the end of the year, planning is underway for additional Councils to the School of Business and Organizational Sciences, the Health and Social Services School and the School of Education. The Advisory Council concept is a major step in the effort to build bridges between the University and the community and reflects the University's willingness and commitment in serving the needs of South Florida's people.

Fund raising efforts were strengthened also as President Crosby searched nationwide for an experienced and talented person to lead the development effort. In March, Dr. Crosby announced the appointment of Dr. Richard L. Biscomb as Associate Vice President and Director of the development program. Dr. Biscomb holds degrees in Economics and Investment Management and came to FIU from the University of Louisville where he supervised a multi-million dollar development program.

Planning is now underway for major private foundation support solicitation, international programming campaigns and alumni and friends annual giving programs to more adequately support basic academic efforts. The Board of Trustees of the Foundation was responsible for increasing private support to the University by 207 percent in fiscal year 1976-77 and increasing the number of Charter Club memberships which provide for basic operations of the Foundation.

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SURVIVAL VS. EXCELLENCE A CHALLENGE TO OUR QUEST

In Florida we have currently (1977-78) 23 school districts (including Dade County) which are **losing enrollment** for the first time. In Illinois, they are selling schools and have lost 75,000 students in K-12. Florida lags behind the rest of the nation and receives a flow of new residents constantly but new births at previous rates are not predicted. The preliminary projection next year for K-12 enrollment is less than one percent growth. Community colleges are projecting less than three percent growth and the SUS about 3.1% (mostly graduate students, excluding the North Campus of FIU which is considered separately). Adult education, on the other hand, is requesting a 20% increase in funding over the next five years which represents the largest educational enrollment increase of the current projects.

In Dade County, of the 1.4 million people, 1.1 million are over 18 with the same approximate ratio existing in Broward. These represent a vast market for higher education. By 1990, 30% of our Florida population will be over 65 years of age and the adult learner will require new and different skills and training. The access to this training is a key issue not yet faced by Florida.

Of the State's general revenue funds this year, 60.5% goes to education. Education has lost over one percent in the last three years in State fund support—other State agencies are taking some of the funds previously allocated to education. The State University System receives only 10.6% of the monies for education in total; FIU's current budget totals approximately \$26 million.

The Florida "economy" lags. We are still coming out

of a recession while elsewhere the economists are projecting yet another recession nationally. Florida projects only four percent new revenue available next year for expanding programs—education can expect only \$80 million out of that. Inflation at 5.5% will cause us to lose 1.3% purchasing power off the top and needed salary increases will further reduce the funds available—the most severe impact will be felt in the urban areas.

The State's Constitutional Revision Committee will look this year at the sales tax revenue structure (an elastic volatile source) and at other revenue options since Florida still ranks 49th of the 50 states in basic tax support per capita for education. But, with next year being an election year, major tax revision is unlikely to appear until 1979-80.

All levels of education are in reality accountable to the communities which they serve. There is a tendency for the legislature to feel that we are not accountable. We must share more information and improve communications in order to receive our fair share of available revenue.

The "talk" in Tallahassee cites that some legislators are considering further limits on access to colleges—a policy which reverses the concept upon which public higher education was founded. Further, the financing of universities by formula is considered out of date and growth (FTE driven) funding formula systems must be abandoned in favor of a more rational approach which considers newness and qualitative support. FIU's North Miami Campus for example will be difficult to expand if we have to rely totally on the FTE funding system for basic start-up support.

Funding and support must also more adequately reflect changing programs. For example, the Schools of Education in our SUS have been required to shift their programs from "pre-service on-campus" to "in-service training off-campus" **without** additional resources and, as we have heard, life-long learning and educational

outreach is getting more attention but precious little additional funding support.

There is no doubt where the people are—they are here in Southeast Florida. The next 10 years should usher in dramatic change, the vanguard of which should be here in Southeast Florida. Major educational issues face us during this dynamic period in the relatively short history of FIU: **funding to meet our citizen's needs, duplicated high-cost programs, attentive delivery systems, emphasis on convenient access to education, the setting of priorities, e.g., local/state/national and international needs and provisions for buildings and equipment to meet these needs.**

The definition of local needs and how they include international issues, may be a key for FIU to fulfill its destiny. The issue of open access to avoid discrimination may be another key which affects us and each of the citizens we serve. Clearly, political decision-makers will have to make hard choices to shift proper resources to proper locations in our State University System. At FIU, we must rely on our strong delegation and our citizens. This year with little revenue, a funding decision may not be made early in the session, and will not be easy (if it ever was). There is simply too little money to divide and the re-election of many legislators will likely prevent increased taxes for improving the funding support for higher education. Salary adjustments and new programs phased in this year starting in September will cost more next year for 12 full months. In addition, workload increases, inflation and "possible" fee increases and all combine to paint the most difficult financial challenge in history for us next year. It will take the best from all of us and you to survive, to serve the public, and make genuine progress in "OUR QUEST TO EXCEL".

THE NORTH MIAMI CAMPUS



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