

inside

Florida International University

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New dean named for College of Business

Harold E. Wyman, a University of Connecticut accounting professor with more than two decades of international experience in academia and corporate business, has been recruited as the new dean of the FIU College of Business Administration. Wyman, who was selected after an 18-month national search, will begin work at FIU August 1.

"Dr. Wyman's appointment is a great way to start our 25th anniversary year," said President Maidique. "His expertise in international and multinational accounting and finance will make him an invaluable asset for the College of Business Administration and the University."

Wyman was chairman of the accounting department at the University of Connecticut from 1977 to 1988, an associate professor at the University of North Carolina from 1967 to 1977, and a lecturer at Harvard Business School. He was also director of research and course development of E.S.A.N., a program in Lima, Peru operated by Stanford University and the U.S. Agency for International Development. Prior to his teaching career, Wyman was an

executive with Standard Oil Co. and International Petroleum Co., Ltd., a position which took him to Peru.

The author of a numerous accounting articles, monographs and books, Wyman has written extensively about international issues involving accounting, auditing procedures and accounting education in developing countries.

"We are thrilled that Dr. Wyman has accepted our offer and will be joining FIU," said Provost Judith H. Stiehm. "It was a long and thorough search. We are confident he has the foresight, determination and energy to lead the College of Business Administration into a productive and high-profile future."

Wyman received his doctorate from Stanford University in 1967 and his master's degree in business administration in 1955 from the University of Washington. He obtained his undergraduate degree at Indiana University in 1954.

Wyman will replace Charles A. Nickerson, dean of the College since 1983, who is taking a sabbatical and will be returning to FIU.

"During Dean Nickerson's tenure, the



Harold E. Wyman

College earned AACSB accreditation, and our Ph.D. program was started. He is also the 'architect' of our new business building," Maidique said. "The base he built will help Dr. Wyman bring the College to national prominence," Maidique said.

FIU in the Year 2000

Life is a series of collisions with the future; it is not a sum of what we have been but what we yearn to be.

— José Ortega y Gasset

Picture this: A handsome entrance drive lined with towering royal palms and a modernistic Business Administration building at its end. Across campus, a performing arts center offers a diverse range of cultural offerings. The campuses teem with 35,000 students from all over the country and world. The curriculum includes more than 30 doctoral programs and 80 master's programs, and sponsored research exceeds \$50 million annually.

Welcome to FIU, circa 2000.

We've only just begun the 1990s, but, already, we are preparing for the challenges and opportunities of the next millennium. In a certain sense, we've already entered the next century. When historians hundreds of years from now study the 1990s, they'll view the decade in the context of the 21st century.

With that in mind, INSIDE investigated projections of what FIU will be like in the year 2000. We spoke to current and past leaders of the University, planners and alumni to get a picture of the University's future.

"I think that by the turn of the century, FIU will be one of the 10 largest universities in the United States and one of its 75 major research universities," said President Maidique. "We will be recognized

as one of the three top state universities in the state of Florida." He believes that enrollment will hit 35,000 by the turn of the century.

Maidique foresees FIU becoming "one of the pistons of the economic engine of Dade County," since FIU now graduates about half of the four-year college graduates in Dade County and most of them stay in the area. He believes that during the '90s — "the decade of the rise to power of the FIU alumni" — former students will play a significant role in the University's development.

The University's five-year strategic plan (through 1995) calls for the establishment of new doctoral and master's programs, and major growth in sponsored research — elements needed for FIU to attain research university status. It also includes plans for creation of a school of architecture and an expansion of the University's international focus in several areas.

"FIU will be the dominant school in South Florida — enrollment already exceeds that of all the other four-year institutions in the area combined," asserted Paul Jones '78, president of the FIU Alumni Association. "It will be an exciting place to be, one of the cultural centers in South Florida. It will be a place known throughout the nation and the world. The degrees graduates have from FIU will truly be degrees of pride. But it will take everyone's commitment to that vision for it to become reality."

FIU's rise in academic prominence will be accompanied by changes throughout its campuses. The University's Master Plan, in the process of being updated, outlines the campuses' development through 2001 and beyond.

At University Park, the main entrance will be the boulevard off Tamiami Trail, and the perimeter loop road will extend around the entire heart of the campus.

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Mau named acting provost during Stiehm leave

James Mau, dean of the University's College of Arts and Sciences, has been appointed acting provost of FIU by President Maidique. He replaced Provost Judith Stiehm, who was granted a year of leave to conduct research at the Institute for Higher Research Administration at UCLA. Mau assumed the duties of acting provost June 25. Arthur W. Herriott, associate dean of the College of Arts and Sciences, has been appointed acting dean.

Mau, who Maidique described as "one of the most experienced academic administrators in the State University System," has been dean of the College since 1978. Prior to that, he was associate dean of the graduate school at Yale University and on the faculty at Yale. He served briefly as acting president of FIU in 1987, following the national search which brought Maidique to FIU.

President Maidique said, "Jim Mau's broad experience and in-depth knowledge of FIU and the State University System make him an excellent choice to serve the University as acting provost. He has played a major role in the University's growth and development."

Stiehm recently requested a year's leave to pursue research near her home in California.

President Maidique said, "The leave was granted following nearly three years of hard work and significant accomplishments by Judith Stiehm. She has made many contributions to the university, and this research leave is well deserved."

A silver 1990: FIU prepares for 25th anniversary celebration

June 22, 1990 was a historic date in the annals of FIU.

Twenty-five years earlier, on June 22, 1965, by an act of the Florida legislature, the Board of Regents was granted the power to establish a state university to serve Greater Miami and South Florida.

It was the birth of FIU. This fall, the University will launch a year-long series

of events to commemorate the 25th anniversary of its founding. Plans are being formulated for a diverse line-up of events of interest to the entire FIU community, as well as the overall South Florida community.

More information on the 25th anniversary will be available when INSIDE returns in September and in other University correspondence.



University prepares response to SACS reaccreditation report

The University has received the report of the Reaffirmation Committee from the Commission on Colleges of the Southern Association of Colleges and Schools (SACS). The report is based on the site visit the committee made to FIU from March 19 to 22, as part of the University's reaccreditation process.

The 72-page document focuses on the criteria that colleges and universities must meet in order to be accredited by SACS, one of six regional accrediting organizations in the country. The heart of the report are recommendations and suggestions (based on the SACS criteria) on the areas that the report addresses. These include: Principles and Philosophy of Accreditation; Institutional Purpose; Institutional Effectiveness; Educational Program; Educational Support Services; and Administrative Processes.

The University is now preparing its response to the report, which will include plans on how it will implement the report's recommendations. The University must also respond to its suggestions, indicating whether or not they will be instituted and the reasons why.

"Reaffirmation of accreditation is one of the most critical events a major university goes through each decade," said President Maidique. "We appreciated the thoroughness of the visiting committee and their report, which provides us with a new insight on the state of our university. Their recommendations and suggestions, as well as the information revealed by our 18-month self-study, will enable us to advance our mission as a leading urban, research university."

"We realize the enormous amount of time and energy that went into the self-study by literally hundreds of people, and we

deeply appreciate the seriousness with which people approached this effort," said Judith Stiehm, provost and vice president for Academic Affairs. "The chairman of the SACS visiting team considered our self-study and the final report, 'Excellence and Diversity,' to be the best he has ever seen. Everyone involved with this effort is to be congratulated. Now we must conscientiously and constructively respond to the recommendations and suggestions."

The University will submit its response to SACS in the September. Faculty and staff members have been assigned to create implementation plans for the recommendations, including a timetable of events, expected outcomes, and assessment measures. When the response is approved, FIU will officially have its accreditation reaffirmed in November at the annual meeting of the Commission on Colleges of SACS.

While this article cannot include all the comments, recommendations and suggestions, we have included some of the major points SACS raised in the report. Complete copies of the report are available in the Reserve Rooms of the Libraries.

Principles and Philosophy of Accreditation

This section included two major recommendations: (1) ensure that there is at least one full-time faculty member with responsibility for oversight and coordination of each degree program; and (2) establish a plan, as well as a planning and evaluation process, which addresses educational, physical and financial growth.

The report noted that FIU must secure additional funding from the state of Florida and other sources to achieve its growth and development potential. It praised the Self-

Study Report as a "valuable document for improving the educational program of the university."

Institutional Purpose

It is recommended that the planning and evaluation processes include specific attention to the research and public service aspects of the University's mission.

Institutional Effectiveness

Noting that the University's planning process is dictated by the requirements of the State University System, the report recommends that planning processes — ranging from executive committee strategic plans to individual department plans — include an evaluation of goals or expected educational results. Faculty involvement in the overall planning system should be formalized via substantial representation on the President's Strategic Planning Advisory Committee. In addition, a regular cycle for the evaluation of the institutional research function should be established.

Educational Program

This section, the largest part of the report, contains a review of each of the University's colleges and schools, as well as additional sections on graduate and undergraduate programs, continuing education, centers and institutes, faculty, and consortial and contractual relationships. There are 17 recommendations concerning educational programs. These include:

■ Demonstrate a substantial difference between undergraduate and graduate instruction, in practice as well as in theory.

■ Examine all academic policies and procedures against national standards regarding the counting of undergraduate

credits toward graduate degrees, and mixing graduate and undergraduate students in the same classes.

■ A university-wide evaluation system should be developed for use by all academic departments to aid in assessing instructional effectiveness.

There were 36 suggestions in the area of educational programs.

Educational Support Services

These support services include the University Libraries, instructional support, computer resources and services, student development services and intercollegiate athletics. The recommendations in this area were: (1) the library services, collections and staff should be strongly improved for the programs at the Broward center; and (2) the University should establish a program of regular planning and evaluation of student development services and programs.

Administrative Processes

In order to strengthen ties between University Park and North Miami Campus, the report suggests that plans for joining the two campuses electronically be implemented as rapidly as possible. It is recommended that the University leadership also explore ways to strengthen research and graduate education between the two areas.

2000 continued...

The new Business Administration building will be a focal point of the campus, and the College of Education will have its own building. Planning is underway for a performing arts center which will contain a 600-seat concert hall/theatre, 150-seat recital hall, and 150-seat performance space. The University is investigating options to acquire land in adjoining Tamiami Park, a county-owned facility. A major outdoor amphitheatre and multipurpose sports stadium are other possibilities in the foreseeable future at University Park. On the North Miami Campus, a health clinic, student center addition, an international conference center and Academic III complex are all planned for completion by the mid-'90s.

Judith H. Stiehm, provost and vice president for Academic Affairs, hopes FIU pursues a course that departs from the collegiate norm.

"If we have the courage to be different, we'll provide the best in traditional education and provide high quality education for individuals at any time and every time in their lives," she said. "We'll provide an education in which 'international' is a generic and authentic thread that runs through everything we do."

Charles Perry believes the University is rapidly becoming the institution he envisioned when he was appointed its founding president of FIU in 1969. "I strongly believed then and now that FIU will be to Miami and South Florida what UCLA (University of California, Los Angeles) is to Los Angeles and Southern California.

"The University's growth and development have closely followed the vision of its founders," said Perry, who is now president and chief operating officer of The Friedkin Companies, a Houston-based organization with operations throughout the world. "When you're that young you have many dreams and aspirations. If we knew it was going to be so difficult to accomplish, we may not have tried to do it. In terms of the fine academic quality of the institution and its service to the region, our goals were, for the most part, fulfilled. The next 10 years can be a continuation of building the excellence that was the dream of the early planners."

FIU scientist hopes to revolutionize airline maintenance industry

Of Milton J. Torres has his way, the airline industry will soon undergo a repair and maintenance revolution. Torres, a research scientist at FIU, has developed a process which uses a common, inexpensive polymer to strengthen the bodies of commercial aircraft. The process could dramatically decrease maintenance costs and double the life expectancy of airplanes, Torres said. "The idea is so simple I can't believe I didn't think about it earlier," said Torres, who has a patent pending on his invention. "I'm just a lucky guy because nobody else thought of it."

Several years ago, Torres, a former fighter pilot, became concerned about the high number of commercial aircraft failures due to aging and fatigued airline bodies. So, he combined his knowledge of airplanes and his aerospace and mechanical engineering education to find a solution.

Torres first thought of using polymers to strengthen aircraft fuselages about two years ago, while watching television coverage about the Aloha Airlines crash in Hawaii. His background as an industrial engineer sparked his idea to use the substances to increase the durability of airplane fuselages.

"No one had thought of this before because airline people don't know about polymers, and polymer people don't deal much with airplanes," Torres said. "I happen to know about both of them."

He found his answer in polyisocyanurate, a polymer commonly used to insulate buildings and refrigeration units. Tests conducted in the FIU engineering laboratory show that the polymer, when applied to the inside of pieces of aircraft body, reduces strain by more than 70 percent, Torres said. The substance also acts as a



Milton Torres (right) and Kuang-Hsi Wu (left) test the flexibility and strength of a sample piece of aircraft skin treated with the polymer.

sealant to prevent corrosion, he added.

Torres, with FIU as the sponsoring university, applied for a patent on the invention.

"Having a patent on the process is very important for business considerations," said Tom Breslin, vice provost and director of sponsored research. "We don't know when the U.S. Patent Office will grant it, but we are moving ahead with the second phase of the research. The next step is to apply the polymer to an entire aircraft."

If tests on entire aircraft bodies prove successful, Torres' invention could impact the aircraft maintenance industry worldwide, said Kuang-Hsi Wu, the FIU engineering professor who is collaborating with Torres on his research.

"Once we can reinforce the structure of airplanes from the inside, we can extend the service life of the skins at least two or three times," he said. "Weakened skins are the major problem of the airline industry."

Torres has taught industrial materials in engineering at FIU, and in 1989 received an excellence in teaching award from the Faculty Senate. He previously worked as a plant manager at Dyplast of Florida, a local manufacturer of urethane, a polymer used for a variety of products. Torres also worked as a senior industrial engineer for Pan American World Airways, which provided the parts he used for preliminary tests on his invention.

Recently featured on local television news, Torres is eager for the world to know about his invention. He is confident it can save the airline industry millions of dollars and hundreds of lives, he said.

"The test results have been more impressive than any of else could have imagined," Torres said. "Everyone's been trying to find a way to extend the life of aircraft. This is it."

— Steve Rios

UR&D Division serves the University



Michael P. Morgan

As a public institution which is directly impacted by its relationships with its communities, the University must always be cognizant of the public's perception and support of it. The Division of University Relations and Development is the administrative unit charged with interacting with FIU's publics and advancing its goals.

In this issue, Vice President Michael P. Morgan discusses the multifaceted functions of his division, its role in the University, and the manner in which it includes the entire FIU community.

For many people in the South Florida community and beyond, Florida International University exists only as an abstraction — as an opinion, impression or vague notion. It may have originated through a friend who is student here or a *Miami Herald* clipping. Perhaps they heard about FIU "through the grapevine." Regardless of the source, to a very large extent this mental picture shapes their relationship with the University.

At its most basic, the Division of University Relations and Development (UR&D) implements actions to enhance people's conception of FIU in ways that advance the University's mission. The overall mission of the Division is to further the advancement of the University among key external and internal constituencies, such as alumni, current and potential benefactors, the media, community leaders and organizations, and the public at large.

As the administrative unit charged with dealing with the community, the Division has far reaching, diverse responsibilities. Apart from the faculty, no other group of employees at FIU has as much contact with the University's various publics. UR&D helps ensure that the University's actions are accurately and appropriately presented to the public.

The Development Office coordinates FIU's efforts to raise funds from private sources, including individual donors, alumni, corporations, foundations and other organizations. It implements plans for the Fund for FIU, the University's annual giving program, and works through the Board of Trustees of the FIU Foundation — which governs all fund-raising activity — to secure private support for the University. The Office of Foundation Relations provides services and staffing to assist the Foundation Board.

Although FIU is a public institution, the development function is vital for the University to achieve its goal of becoming one of the nation's major urban universities. Public dollars alone will not enable the institution to realize this ambitious goal. Modern economic realities have forced public universities to seek private support for essential programs and activities. State funds provide only 60 percent of FIU's annual operating expenses, with the balance coming from tuition, grants and contracts, auxiliary enterprises and private contributions. Private support is the critical ingredient that will enable FIU to attract the highest caliber of faculty, students and programs which make a great university.

During the 1989-90 academic year fund-raising at FIU reached an all time high. Last September we topped the \$10 million goal of the Cornerstone Campaign, eight months before its scheduled completion; we anticipate that we will close the campaign (on June 30) with more than \$15 million, 50 percent above our goal. In 1989, overall, the FIU Foundation raised over \$4 million in total private commitments, more than a 100 percent increase over the 1988 total.

A university's alumni are one of its greatest assets, and our Office of Alumni Affairs has the formidable task of keeping in touch with more than 45,000 former students who call FIU their alma mater. They are representatives of FIU's academic excellence, serve as our ambassadors in the community, and play a major role in our future development. In conjunction with the FIU Alumni Association, the office sponsors activities for professional advancement and social events, reunions, and communications with alumni.

University Relations comprises several offices that directly support advancement activities and promote FIU to our many communities. The Office of University Events

showcases FIU to the community through events targeted to specific audiences. Such events include Commencement, Convocation, lecture series, and building dedications.

When you see a story about FIU in the newspapers or on television, in all likelihood it originated from our Office of Media Relations/News Bureau, which is responsible for promoting FIU's programs, events and people in the print and electronic media. In addition, the Office produces a public cable television show (seen on Educational Channel 1) "FIU in View," which presents members of the the University community who discuss issues of public interest. Earlier this year, Media Relations published a faculty source book that has been distributed nationally, and we have initiated a video news release service that has enhanced television coverage of FIU throughout the state.

The Office of Publications produces a full range of internal and external publications (including INSIDE) for all units of the University community, handling design, editorial content, printer liaison, and production. In addition, the Office is responsible for ensuring that the proper university graphic style and identity is used.

In many cases a person's first impression of FIU is through a publication they receive. Therefore, the avail-

ability of high quality publications that appropriately represent the University is of the utmost importance. The office received several awards for its work over the past year, and it continues to produce an increasingly wide range of publications that promote FIU.

Although UR&D is the division charged with advancing the University's mission through interaction with key publics, we look to the entire University community to join with us in this effort. We need every member of the faculty and staff, as well as students and alumni, to work together to help achieve the University's mission.

University life can offer great challenges, a touch of suspense, and the stimulus of rewarding moments. A quote from David Burnham applies to all of us at FIU who have plans, goals and hopes. He wrote, "Make no little plans. They have no magic to stir men's blood and probably themselves will not be realized. Make big plans; aim high and hope and work, remembering that a noble, logical diagram once recorded will never die, but long after we are gone will be a living thing, asserting itself with ever growing insistency. Remember that our children and our grandchildren are going to do things that would stagger us. Let your watchword be order and your beacon beauty."

Paper recycling program looks for full participation



In the near future there will be an important change taking place in offices throughout FIU. One morning, when you arrive in your office, there will be a box marked "Recycle" on your desk. When you receive this box you will officially become part of FIU's Office Paper Recycling Program.

Both of FIU's campuses will be "on-line" in the recycling program by the end of the summer, said Carol Bailey, superintendent of grounds and landscaping, who has been designated the solid waste management coordinator.

"Faculty and staff members from each building will be solicited to monitor activity and facilitate the recycling for each building," she said, noting that there will also be full participation from the dorms on both campuses.

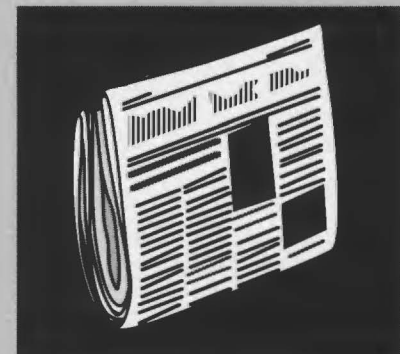
Everyone will have the chance to help make the program a success by emptying their recycle boxes each week in the containers that will be located in central locations in University buildings. To remind you of the types of paper you can and cannot recycle, we've provided the following list of do's and don't's. Additional information to the University community will be forthcoming.

— Alexandra Bassil



Recycle These

- ✓ Letterhead paper (any color)
- ✓ Photocopy paper (any color)
- ✓ Office envelopes (any color)
- ✓ Typing paper/stationary (any color)
- ✓ Manila folders (no gummed labels)
- ✓ Computer printout paper (any type)
- ✓ Invoices and NCR forms (top copy only)



Not These

- ✗ Carbon paper
- ✗ Food wrappers or containers
- ✗ Newspapers and magazines
- ✗ Photographs, tape or glue
- ✗ Brown envelopes, paper bags
- ✗ Metal or plastic fasteners, rubber bands
- ✗ Blueprint paper
- ✗ Tissue or paper towel

Offices moved due to UH expansion

Due to the expansion of the University House, which is scheduled for completion next spring, many departments have moved into new quarters.

The following offices have moved from University House 340:

Career Planning & Placement	_____ to _____	UH 230
Counseling Services	_____ to _____	UH 211
Disabled Student Services	_____ to _____	UH 225
Minority Student Services	_____ to _____	UH 216
International Student Services	_____ to _____	UH 217

The following offices have also been relocated:

Vice President for Student Affairs	_____ to _____	UH 219
Assistant to the Vice President	_____ to _____	UH 219
Student Activities	_____ to _____	UH 340
Student Government Accounting	_____ to _____	UH 340

LACC co-producing major television series on 'The Other Americas'

Nearly a decade after the birth of an embryonic idea, the Latin America and Caribbean Center (LACC) at FIU is playing a leading role in the production of "The Other Americas," the working title of a 10-part television series that will look at issues, events and ideas that have shaped modern Latin America and the Caribbean.

The series, scheduled for national broadcast in Fall/Winter 1992-93 on the Public Broadcasting Service (PBS), is being produced by public television's WGBH Boston and by Central Television Enterprises for Channel 4, England, in association with FIU, Columbia University and Tufts University. Major funding totaling \$7 million is being provided by the Annenberg/CPB Project, and corporate underwriting is being sought. The series will be also used as part of a 13-unit telecourse for colleges and universities.

"LACC has been working on this project since 1981," said LACC Director Mark Rosenberg. "It has undergone several changes. Originally, it was going to just concentrate on the Caribbean and would be produced locally."

Initially, LACC was contacted by Karl and Kathy Hersh, local documentary producers who had the idea for the series. LACC approached Annenberg in 1983 to fund the project; they agreed to support the

series but insisted on having it cover all of Latin America. In addition, WGBH — one of the nation's largest public television stations — was brought in as producer, and university participation was broadened.

"This is the largest public education project on Latin America that has ever been funded in the U.S.," Rosenberg said. "Our conservative estimate is that an audience of 50 million will see all or parts of it. We are also very happy about it because we believe it will help qualitatively raise the level of instruction on Latin America in classrooms around the county due to the innovative course content we have developed and the sound academic values we have maintained. We expect that the telecourse will be used in classrooms for a decade. This is our baby, but it has become much broader than simply FIU. I'm very proud of it."

Rosenberg and Anthony Maingot, professor of Sociology/Anthropology, are members of an academic advisory board, composed of distinguished anthropologists, sociologists, political scientists, historians and economists, that has been working with WGBH on the series.

Subjects to be investigated in the series include the vast migration of peoples within the region, the radical shifts brought by rural transformations and urban opportunities, the changing roles of women, challenges to the Catholic Church, and Latin

American and Caribbean communities in the United States.

"The 'Other Americas' presents an exciting opportunity for public television to increase our understanding and appreciation of one of the world's most beautiful, vital and often neglected regions," said WGBH Executive Producer Judith Vecchione. "Many of us base attitudes toward our hemispheric neighbors on misconceptions and negative stereotypes. We even call ourselves 'Americans' without noticing that there is much more to 'America' than the United States. Our project title, 'The Other Americas,' was chosen in ironic acknowledgement of that widespread ignorance."

"We'll let small stories told by real people tell the larger story," said Vecchione. "And in the process we hope to surprise 'Americans' who only hear about the world south of the Rio Grande when there is a crisis or threat to U.S. interests."

A second advisory board with expertise in college telecourse usage is also assisting on the project. Both groups will help create educational materials that will enable students, faculty and administrators to use the programs and accompanying print materials as a complete television course for distant learners or as supplemental material in the classroom. Print materials will include an anthology, a book of original essays, a study guide and a faculty guide.

"The Other Americas' will draw from the best and newest scholarship in the field," said Alfred Stepan, chair of the project's advisory board and dean of the School of International and Public Affairs at Columbia University. "It will present to students and a general audience the first comprehensive look on television at the 33 sovereign nations of the region, using an interdisciplinary approach that allows us to cross the boundaries of economics, politics, history and culture."

The telecourse consists of 13 units, structured to introduce the student to the key issues, themes and events of modern Latin America and the Caribbean. While each of the 10 one-hour documentary programs will present stories from a few representative countries, the cumulative effect will be to provide an overview of both the region's diversity and its unifying characteristics. The telecourse can be used by colleges and universities as a self-standing course or incorporated into an existing course.

"If you can't visit a place and study it experientially, audio-visual materials are the next best thing," said Barbara Cruz, coordinator of educational programs for LACC, who is writing the study guide for students and faculty guide for the telecourse. "It's so much better if there are visuals involved in the teaching process — that's the premise of this approach."

FIU awards first Computer Science doctorate in South Florida

When Qiang Li recently received his doctoral degree in Computer Science from FIU, he became part of Florida computer history. He is the first person to be awarded a doctoral degree in Computer Science from a South Florida university or college.

"It feels good to be the first person in a South Florida university to have accomplished this," said Li, a native of China. "There is a need for these kinds of degrees in our region."

The need for advanced computer education programs has been echoed by everyone from state legislators to computer industry representatives to higher education officials. But were it not for his iron determination to learn, Li would probably never have begun his college education, much less earned a doctoral degree.

Li, 37, grew up during China's Cultural Revolution, a period of turmoil during the 1960s. "The leaders wanted to do away with the establishment," Li said. "There was no government. It was chaos. Many, many people were persecuted."

Schools were closed down, and Li and millions of other children were sent to work in rice paddies or on huge construction sites. In the evenings, when most of the other children would play or watch television, Li would pore over math and science textbooks.

"Millions of political, history and philosophy books were burned," Li said. "But I loved to study, so whenever I could get in another hour of science, I would."

Li's personal quest for scientific knowledge earned him coveted technical jobs in his late teens and early twenties. When the Chinese universities opened up again in the late 1970s, he obtained a bachelor's degree in electrical engineering.

Then Florida International University came to call — for his wife.

"She came here to study in a Teachers of English to Speakers of Other Languages (TESOL) program," Li said. "I came along to study and to be with her."

Li began his master's degree program in Computer Science in 1982. When President Maidique helped secure hundreds of thousands of dollars to expand the University's Computer Science program in 1987, Li was the first person to enter the new Ph.D. program.

His studies have focused on parallel architecture, the connection of thousands of powerful microprocessors into

an integrated computer system. Li was a leading advocate for FIU's purchase of a transputer, a highly advanced micro-processor designed for building parallel computer system.

"He is a very aggressive student and researcher," said Jai Navlakha, director of the rapidly growing School of Computer Science. "He is one of the major reasons we have some of the most advanced equipment."

"The creation of the School of Computer Science and its enhancement with this equipment has attracted to FIU computer scientists from Princeton, Oregon Graduate Center, Ben Gurion University and other prestigious universities," Navlakha said. "Today we specialize in the areas of simulation, distributed databases, parallel architecture design, and object-oriented program development."

"Li has a quite impressive breadth of knowledge about most of them," he added.

Li's in-depth knowledge, coupled with his long list of published articles, encouraged the University of Santa Clara in California to offer Li an assistant professorship to begin this fall. As more and more FIU computer science students receive doctorates, the national reputation of the university will rise, Navlakha said.

"Li is like an ambassador for the School of Computer Science and FIU," he said. "A university's reputation is established by its graduates."

That optimism is also voiced by Ray Iannucci, executive director of Florida's Council on High-Technology Industry. The council, a group of high-tech industry leaders who advise Florida's government on way to attract high-tech business, has given FIU more than \$350,000 in grant money since 1987.

"It has been one of our aims to see FIU become a major force in high-technology education," Iannucci said. "It is beneficial to the industry to have their kind of quality program in South Florida."

New high-tech companies considering relocating to South Florida will want proof that South Florida can produce graduates like Li — professionals who can work on state-of-the-art software and hardware, said President Maidique.

"We are very proud of Qiang Li," Maidique said. "He is an indication that FIU is determined to produce the highly educated individuals the computer industry desperately needs."

— Steve Rios



Qiang Li received the first doctorate in Computer Science ever awarded in South Florida.

Grants Report

FIU has received the following grants and contracts to be used by the named faculty. Due to space limitations, only grants of \$20,000 or more are reported in INSIDE.

Grants and contracts awarded in April and May included:

Wilson Barnes and Jose Mitrani (Construction), \$24,900 from the Florida Department of Education and the Building Construction Industry Advisory Board to "Develop and Teach a Course on Practices and Pitfalls in the Construction Industry that are Subject to Law Suit."

M.A. Ebadian (Mechanical Engineering), \$114,000 from the U.S. Department of Energy for "Continuation of a Research Proposal on Evaporating Water from the Melton Valley Storage Tanks (MVSTs) for the Purpose of Producing Liquid Concentrate Storage Capacity."

Rosebud Foster (Health Services Administration), \$28,640 increase from SECOM for the "Agreement Between the Area Health Education Center and FIU."

Delia Garcia (Education), \$148,911 from the U.S. Department of Education for

"Family English Literacy: Adult Sheltered Instruction Program."

Arthur Heise (Journalism and Mass Communication), \$1.3 million increase for "Central American Journalism Project: Strengthening Journalism Education, Research and Training."

Ronald Jones (Biological Sciences), \$73,230 from the National Science Foundation for the "Interrelation Between Nitrogen and Carbon Cycling in Water."

Ramon Lopez de la Vega (Chemistry), James Quirke (Chemistry), Stephen Winkle and Kenneth Furton (Chemistry), \$48,490 from the National Science Foundation for "Acquisition of Heat Flux Calorimeter."

Scott Quackenbush (Biological Sciences), \$39,731 from the Florida Sea Grant for "Peptide Hormone Control of Reproduction in Marine Shrimp."

Mark Rosenberg (LACC) and Douglas Kincaid (LACC), \$87,000 from the U.S. Department of Education for the "National Resource Centers and Fellowships Program."

Senate Reports

USPS

As this fiscal year comes to an end, I would like to share with you the accomplishments made by the USPS Senate during 1989-90.

After losing our chairperson in the middle of the year, the Senate was in a state of limbo for a couple of months. We managed first of all to pull ourselves back together as a functioning organization. Members of the Senate called an emergency meeting of all USPS employees who were interested in the Senate and who wanted to see it continue. The turnout was impressive. Election of officers and representatives followed and the Senate was again active.

The Senate became much more visible this year. Various committees that had been formed in the University were asking for representation from the Senate. We became involved in solid waste management, food service, search and screen committees, reaccreditation of the University, orientation for new employees, and a new committee for naming streets and lakes on the campuses.

We had a petition campaign and gathered well over 1,200 signatures protesting raises and legislation proposed by Governor Martinez for our raises. The USPS employees were represented at the Board of Regents meeting that took place at the University of West Florida and the Dade County legislative delegation meeting at University Park.

For informative meetings, we had guest speakers covering topics such as personal safety, classification changes of USPS positions, environmental concerns, and we held a special meeting at the FIU Environmental Preserve. It was the first time many longtime employees were made aware of what was going on and where it was happening!

A booklet titled "An Introduction to the University Support Personnel Senate" was prepared and given to the personnel office to be distributed at the orientation meetings held for new employees. This was an accomplishment long overdue, and there are plans to continue it.

The Senate was involved in the March of Dimes Walk America. Many employees participated this year for the first time. T-shirts and refreshments were provided to the walkers, compliments of the FIU administration.

Also, for the Employee of the Year Program, the Senate was able to purchase a Perpetual Plaque which is on display in Primera Casa (second floor lobby), as a testament to all the recipients named for the past 12 years and the new ones to come.

And last, by certainly not least, the annual employee picnic. Because of the construction in progress at the North Miami Campus, the picnic was held on the grounds of University Park this year. We had the largest turnout yet since the Senate started sponsoring this event — open to all faculty and staff — back in 1981. The food that was left over after the picnic (hamburgers, hot dogs, salads and drinks) was donated to the New Life Family Shelter for homeless families on behalf of FIU. Everyone had a good time and plans are already underway for next year's event.

I would like to take this opportunity to thank all of the officers and representatives who worked so hard this year to improve our Senate and for helping me to make more people aware of who we are and what we are about. My job as chairperson has been easy because of all of those people, and I truly have enjoyed this '89-'90 term.

— Betty Gajate, Chairperson
University Support Senate

A & P

In 1989-90, the A & P Senate had a banner year. Our first fund-raising event to benefit the A&P Scholarship Fund was held. About 100 people attended the opening night performance of "Stepping Out," presented by the FIU Theatre Department and attended a post-performance cast party. The event raised \$1,113 for the Fund. Thanks to Ann Goodrich, chairperson of the Scholarship Committee, and the A&P past chairperson, Maria Baeza, the project was a huge success.

The Senate also held its first Professional Development Seminar, with Jim Hale of the College of Education discussing management techniques. Everyone in attendance agreed that the Professional Development Seminars should be held on a yearly basis.

The Senate encouraged its members to write letters to the legislature protesting the 3 percent pay increase scheduled for January. The Senate will continue to lobby for benefits for its members.

Our monthly meetings had several guest speakers who gave us insight into the inner happenings at the University. President Maidique discussed his vision of the growth of FIU. He also shared a number of the forthcoming University-wide and division goals that he had set for 1989-90.

Provost Judith Steihm discussed the completion of the University's self-study report,

"Excellence and Diversity." Leonardo Rodriquez, vice president of Business and Finance, and Mike Morgan, vice president of University Relations and Development, were also guest speakers who advised the Senate of the changes within their respective areas.

It has been an enlightening and prosperous year for the A&P Senate. It is my hope that 1990-91 will be even better. My thanks to all who assisted and worked with the Senate this year, and my best wishes to our new Chairperson, Beth Winter.

— Catherine Kennedy-Thurman,
Chairperson, A & P Senate

Faculty

It is hard for me to believe that two years have gone by since I was elected chair of the Faculty Senate. In many respects, the popular saying, "Time flies when you're having fun," is true. Not only did time fly, it played a powerful role in my life as Senate Chair. Time was of the essence the last two years, and it was an essential factor in my life.

Jeremy Campbell, writing in "Winston Churchill's Afternoon Nap," says, "It is only to be expected that where life of any sort is concerned, time should be taken seriously." Over the past two years, time was a very serious matter for me. In many ways, my life adapted to the calendar of Senate events and the tyranny of the urgent. My days and weeks were measured by Senate activities—preparing agendas for Senate meetings, writing chairperson reports, editing minutes after Senate meetings, attending countless committee meetings and dealing with the inevitable crises that always came too frequently and when least expected. Faced with a constant lack of time, I budgeted my time, practiced good time management skills and diligently recorded everything in my Day Timer. However, it spite of all my best time management techniques, there never was enough time to do what had to be done, let alone what I wanted to do. Time became an obsession with me. I used as much of the twenty-four hours in a day and the seven days in a week as possible. I adapted to the pressure of time and events. Campbell eloquently expresses the process this way:

"Living things adapt to the time of the external world as they adapt to its spaces, by means of built-in biological mechanisms. Such mechanisms are necessary, in part because the time of real life, unlike the time of mathematics, is one-way, irreversible. A day runs from dawn to dusk and never backward, from dusk to dawn, whereas a mathematician can reverse time easily by the stroke of a pen. Such one-wayness means that unless an animal is securely located in time, the mistakes it makes may be irreparable, because there are not many second chances in time as there are in space. The present is unique and does not repeat itself. A time cannot be revisited like a place, except in memory, and memory is fallible. Often there is a right way to act or to change one's inner chemistry, and the moment must not be missed."

There were few missed moments and many significant moments in the life of the Senate the past two years. Many senators gave freely of their time for notable accomplishments. Some of these accomplishments are: the Graduate Policy and Procedure Manual, the Faculty Handbook, the reorganization of the University Press, the University self-study, expansion of the senate to 60 members, the Senate retreat and approval of over 200 new courses and programs. Also, the Senate recently established two new committees which will have a long-term and lasting influence on the University. These are the Academic Forum and the Committee for Senate Effectiveness.

As I think back over the past two years and help make plans for the Senate's future, I am reminded of time in another way. As a University community and as faculty, we are living in extraordinary times. This is a great time to be at FIU and to participate in the quest for major research university status. It is interesting and informative to listen to President Maidique measure the University's accomplishments in terms of time. It is even more fascinating to listen to him measure future accomplishments in terms of time. I never tire of hearing him proclaim, "By the end of the decade FIU will" At what other University, in its silver anniversary year, can you participate in such opportunity? What a time and place to be a professor!

As is true of most things, good things also come to an end. As my tenure as chair of the Faculty Senate draws to a close, many of my colleagues ask me, "George, what are you going to do with all your time?" My answer is a simple and direct, "There are books to read and books to write." My friends also ask me, "Have you enjoyed being Senate Chair?" My answer to this question is also simple and direct, "You bet! I've had the time of my life!"

— George S. Morrison
Chair, Faculty Senate

Spotlight

On the dais

Alexandra Bassil, information specialist, Media Relations/News Bureau, was a member of a panel discussion on "The Role of the Media in Clinical Trials," at the Recruitment Coordinators' meeting for the Modification of Diet in Renal Disease Study (MDRD) being conducted by the Division of Nephrology at the University of Miami School of Medicine.

Richard Bone, associate professor, Physics, and **Grenville Draper**, associate professor, Geology, presented a paper, "Towards a Reliable Macular Pigment Absorbance Spectrum," at the 1990 meeting of the Association for Research in Vision and Ophthalmology, held in Sarasota. Student researchers Areceli Cains and Jenny Zamor also attended the conference.

Robert Cruz, assistant professor, Economics, presented a paper, "A Long-run Urban Growth Model," and chaired a session titled "Issues in Economics" at the 21st annual Pittsburgh Conference on Modeling and Simulation, held at the University of Pittsburgh. The paper will be published in conference proceedings.

Paul Draper, assistant professor, Philosophy, delivered a paper, "Hume's Reproduction Parody of the Design Argument," at the eastern regional meeting of the Society of Christian Philosophers at Barry University. He also chaired a session at the American Philosophical Association's Central Division meeting in New Orleans.

L. David Shen, assistant professor, Civil & Environmental Engineering, presented a paper, "Airport Planning and Design with CAD," at the American Society of Engineering Education (ASEE) Southeastern Section 1990 annual meeting in Charlotte, North Carolina.

Jong-Shin Wei, assistant professor, Economics, presented a paper, "An Example of Preference Quasi-games: Asymmetry and Nash Equilibrium Characterization," during a panel session at the 21st annual Pittsburgh Conference on Modeling and Simulation, held at the University of Pittsburgh. He also chaired the session titled "Modeling the Urban Economy," which was organized by Maria Willumsen of the Economics Department. The paper will be published in conference proceedings.

Maria J. Willumsen, assistant professor, Economics, presented a paper, "The Economic Impact of Exports in Brazil," at the 36th annual North American meetings of the Regional Science Association, in Santa Barbara, California.

In recognition

The Art Museum and the Office of Publications were the recipients of the annual "Champion Imagination Award" for the exhibition catalog, "Jacobo Borges." The award recognized "imaginative selection of paper, outstanding design, and quality printing in a printed communication that reflects the highest standard of the graphic arts." The award (which was also given to Color Express, printer of the catalog) is presented by Champion International Corporation, the third largest paper manufacturer in the United States.

Katharine Curry, chairperson and professor, Dietetics and Nutrition, was elected "Distinguished Dietitian of Florida" for 1990, at the annual meeting of the Florida Dietetic Association. FIU student **Karen Manno** was elected "Recognized Dietetic Technician of Florida" for 1990.

Lorraine Gay, professor, Educational Research, Educational Leadership, Research, and International Development Education, was selected as the recipient of the 1990 Professor of the

Year Award by the FIU chapter of Phi Delta Kappa.

The Gregory B. Wolfe Awards, which recognize outstanding service to the University, were recently presented by the Student Government Association to faculty, staff and students. All students can vote for recipients of the award, named in honor of FIU's former president. This year's recipients were: (faculty) **James Couch**, associate professor, School of Journalism and Mass Communication; (staff) **Ronnie Mittleman**, Senior Publications Production Specialist, SGA Main Office; (students) **Manny Lamazares**, outgoing SGA president; **Michael Hamersley**, outgoing student Supreme Court justice; and **Yvonne Petit**, outgoing SGA Senator.

In print

James J. Vardalis, assistant professor, Criminal Justice, published a paper, "An Experiment in Community Policing in Delray Beach," in the April/June 1990 issue of *The Police Journal*.

Ton-Lo Wang, associate professor, Civil and Environmental Engineering, had an article, "Ramp/Bridge Interface in Railway Prestressed Concrete Bridge," published in *Journal of Structural Engineering*, American Society of Civil Engineers, Vol. 116, No. 6, June, 1990.

Maria J. Willumsen, assistant professor, Economics, and **Robert D. Cruz**, assistant professor, Economics, published an article, "A CGE Model of the Labour Market: Some Considerations on the Economic-Demographic Link," in *New Directions in Multiregional Integrated Models*, published by Belhaven Press.

In the community

Dahlia Morgan, director, The Art Museum, has been appointed by Secretary of State Jim Smith to the Visual Arts Organizations Grants Review Panel for 1990-91. The statewide panel reviews grant applications which are submitted to the Florida Arts Council from museums and other visual arts organizations throughout Florida and makes funding recommendations. She was also selected by the board of the Miami Arts Exchange (MAX) as a recipient of its annual "Maxie" award. The award is presented to individuals who have made outstanding contributions to the cultural life of Miami. MAX, co-sponsored by the New World of the Arts and Miami Today, is a forum for Miamians with an interest in the arts, meeting monthly to hear speakers, exchange ideas and share information about cultural events.

June C. Wolgemuth, chairperson and professor, Dietetics and Nutrition, has been elected to the board of directors of The Miami Coalition for Care to the Homeless. The organization is the HRS-designated homeless coalition for District XI with the responsibility for coordinating, planning and advocacy for services for the homeless.

In professional activities

L. David Shen, assistant professor, Civil & Environmental Engineering, has been elected vice president of the American Society of Engineering Education (ASEE) Southeastern Section. The ASEE Southeastern Section represents engineering professors from 61 engineering colleges in nine southeastern states.

Maria J. Willumsen, assistant professor, Economics, and **Robert D. Cruz**, assistant professor, Economics, will serve as the local arrangements committee and will serve on the program committee for the 1991 annual meeting of the Southern Regional Science Association. The organization accepted FIU's proposal to host next year's meeting.

Coach Walker resigns after nine years

Rich Walker, the only head coach in the nine-year history of the Florida International University basketball program, has resigned to accept a position as assistant coach at the University of Iowa in Iowa City.

He replaces Rudy Washington, who left Iowa to become head coach at Drake University.

"Seeing Rich Walker move on is like having a son leave home," said FIU Athletics Director Dick Young. "We've been in close contact for the last 20 years, but I feel it is a great career move for him."

Walker was hired at FIU in May of 1981 from a list of over 100 candidates and in six months completely assembled his initial squad, which finished with an 11-16 record. He brought the program from scratch to the NCAA Division I level in six years, competing on the top level for the past three seasons.

Walker has brought such nationally recognized programs as Georgetown, DePaul, Ball State, Northwestern and Xavier (OH) into Golden Panther Arena. Next season, Florida State and Clemson will both be making their first ever trip to FIU.

Walker has been known for seeking out top local talent, such as Mark Hollin of Palmetto High School, Patrick McDonald, Robert Rowe and Dwight Stewart of Edison HS and Diego Garcia and Tony Regueira of Miami Senior HS, just to name a few.

He has also coached the top freshmen in the state of Florida the past two years in Dwight Stewart and Ruben Colon. Stewart was named a *Street & Smith's Magazine* All-American following his brilliant freshman campaign, while Colon was named an honorable mention All-Independent selection last season.



Former basketball coach Rich Walker signals for a time out.

Walker was an All-American at Bowling Green (OH) State University, where he received both his bachelor's and master's degrees, before beginning his coaching career at his alma mater. From there, he was an assistant for four years at Western Michigan, before becoming the head coach at Elmhurst (IL) College. He remained at Elmhurst for four years, before coming to FIU.

Walker's best seasons at FIU came in 1984-85 and 1985-86, when his squads posted 19-8 and 17-9 records. Despite playing on the Division II level, FIU won its first game against a Division I opponent during the 1984-85 season, defeating Boston University 59-54 in the Orange Bowl Classic, a tournament Walker was responsible for putting together.

Overall, the Golden Panthers have posted a 108-134 record over the past nine years, including a 7-21 mark this past season.

"I have enjoyed the opportunity to work at FIU," Walker said. "I want to thank all my players and those people who have supported our program over the years."

A search and screen committee has been formed and has set a schedule for finding a replacement for Walker.

Chairing the seven-member search committee is Joe Hoy, former basketball coach and athletics director at Western Michigan University. Hoy is also a past director of the Sports Administration program at St. Thomas (FL) University.

Other members of the committee include: Ira Goldenberg, dean of the College of Education at FIU and a former basketball player at CUNY; Art Herriott, FIU's NCAA Faculty Representative and associate dean of the College of Arts and Sciences; Ron Perry, former basketball standout at Virginia Tech and in the ABA (American Basketball Association) and president of the FIU Fast Break Club; Janice Allen, director of Athletic Development at FIU and a former women's basketball coach at Florida State University; Robert Ibarra, a member of the Golden Panther Club and former basketball player in Puerto Rico; and Michael Lewis, a member of FIU's men's basketball team.

The final day for interested individuals to apply is July 5, 1990. FIU Athletics Director Dr. Dick Young has said interviews will begin July 16 and he hopes to have a new coach by August 1.

According to state guidelines, Young will not be a part of the search process until the committee has narrowed down the field to the final list of approximately ten candidates.

Golden Panther Club drive raises \$213,000

The Golden Panther Club's 1990 spring fund drive was a record success, exceeding its \$200,000 goal by more than \$10,000. Over \$213,000 was raised, including \$129,000 in cash and \$84,000 in gifts-in-kind. Last year's fund drive raised \$156,000.

This year the drive had a Gold League and Blue League, each with four teams. Oscar Fernandez (Concord International), president of the Golden Panther Club, was commissioner of the Gold League, and Tito Gomez (Southern Bell) was commissioner of the Blue League.

For the second consecutive year, Gary Allington (Southern Bell) raised the most of any volunteer, more than \$30,000 in donations. For his achievement, he won a seven-day cruise on Star Clippers. Albert Lorenzo raised the most in cash donations, and Jose Toledo (Dolphin Ice Manufacturing) brought in the most gift-in-kind donations.

Payroll deductions increased \$8,600, thanks to the efforts of University staff Anne Goodrich (SERDAC), Liz Greb (Institutional Research) and Chuck Tinder (Budget Planning). Gold Team Number Three, led by Jodi Budin and Angle Angelis, received both the most improved and the most new members awards. FIU alumnus Eddie Hondal brought in the most new members — 14.

"I think the drive was a tremendous success," Fernandez said. "The efforts of everyone personally involved and all the businesses in the community who helped us out is hard to describe. We can foresee that with corporate donations and the support of Golden Panther members we could be raising \$1 million in the near future."

The Golden Panther Club now has 800 members, including 200 new members who were recruited during the recent drive.

Summer Institutes offer eclectic range of studies

Summer, a time of baseball, vacations, hot and lazy weekends — and, at FIU, the Summer Institutes.

Offered by the Off Campus & Weekend Credit Courses Department of the Division of Continuing Education, the Summer Institute program includes credit-earning courses directed toward "non-traditional" students who have limited opportunities to take courses during the rest of the year. Some courses are offered over a five-week period, while others are compressed into the space of one week. Although the courses are cross-referenced by academic departments — Public Administration, Prosthetics and Orthotics, Physical Therapy, Psychology and several departments in the College of Education — all were specifically created as Summer Institutes.

This year's six Institutes and their directors are:

■ **Animal Assisted Therapy** (Betsy Smith) — lectures and demonstrations of the use of various therapy animals (dogs, dolphins, horses, birds, cats, etc.) with a variety of clients.

■ **CAD/CAM in Prosthetics and Orthotics** (David Bilby) — designed to demonstrate how computer-based information handling can be used to design the biomechanical interface between a mechanical device and amputee physiology.

■ **Clinical Biomechanics Intensive** (Leonard Elbaum) — for physical and occupational therapists, athletic trainers and physical educators, focusing on the role of biomechanically based evaluation, therapy, training and education, and the use of the latest technology in the field.

■ **The Creative Process** (David Nathanson) — designed to provide hands-on training in creative work. Students explore creativity in business, the arts, science and government.

■ **Dispute Resolution Techniques** (Robert Myers) — professionals will offer their expertise on alternatives to litigation in a variety of areas, including insurance mediation, commercial mediation, divorce mediation and labor arbitration.

■ **Professional Improvement Project** (Sandra Kossack, John Bath, Lynne Miller) — a series of three courses targeted to classroom teachers in Broward County schools as a staff development project which utilizes the concept

of training laboratories.

The Institutes began last year with funding provided by the Provost's office in order to create new teaching opportunities during the summer months. An invitation for proposals was disseminated to the faculty, and proposals were reviewed by a universitywide committee to decide which ones would be funded and implemented as courses.

"It was determined that the Institutes could provide an opportunity to introduce innovative content and scheduling that would attract a wide range of adult learners," said J. Patrick Wagner, director of Off-Campus and Weekend Credit Courses, who coordinates the program. "It would also be an opportunity to integrate applied research with classroom instruction."

The Institutes also tap the expertise of professionals in a discipline, which make them highly beneficial to practitioners in a field. The Clinical Biomechanics Intensive program, directed by Leonard Elbaum, will include participants from other academic institutions and private industry, and is

attracting students from ten states, including Hawaii.

"It occurred to me years ago that we didn't spend a lot of time studying humor and the other positive emotions like love and hope," said Bernard Saper, professor of Psychology, who is teaching the Application of Humor in Helping and Healing course. "In the Institute we have an in-depth discussion of the interaction between mind and body from the point of view of psychosomatic medicine and psychiatric difficulties. We identify humorous techniques that can be used by professionals."

Saper, who teaches an undergraduate course on the Psychology of Humor, has presented numerous programs throughout the country and published papers on the effective use of humor. Although he incorporates a lot of jokes and funny stories in the course, he noted that he's "a humorologist not a humorist — I study humor as subject matter."

Wagner said that based on the success of the 1989 and 1990 programs, the Summer Institute concept is planned for further development in the 1991 summer term.

Florida International University
Division of University Relations and Development
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President: Modesto A. Maidique
Vice President, University Relations and Development: Michael P. Morgan
Editor: Todd Ellenberg
Director of Publications: Christine Isham

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