

# inside

Florida International University

Volume 3 • Issue 8 • May 1990

## inside inside

Delegation to Germany	2
Panamanian V.P. at FIU	2
Another View	3
MBA Program in Zagreb	3
Commencement	4
Graduate profiles	4
New Honors Program	6
Engineering Competition	6
For Your Benefit	7
Grants Report	7
Spotlight	7
Bradley Breaks \$3M	8
Baseball Round-up	8
Crew Team Victory	8

### Peace Corps director calls for stronger global perspective

**T**he issues of volunteerism and the United States' changing role in the post-Cold War era were eloquently addressed last month in a lecture by Paul D. Coverdell, director of the Peace Corps.

Coverdell's appearance at University Park was part of the President's Choice Lecture Series. Coverdell, a member of the Georgia legislature from 1970 to 1989, was nominated as director of the Peace Corps by President Bush and was sworn in last May. As director, he oversees the international grassroots development organization, which has more than 7,000 volunteers and staff serving 66 nations around the world.

"The Cold War, as we knew it for nearly 45 years, has ended," Coverdell noted. "But, we must now ask ourselves: What will replace the Cold War and the ideological struggle with communism? We can only conjecture because events are unfolding so fast that these remarks, prepared over the past week, might already be dated."

He suggested that economic dominance may soon replace military power as an index of national power — "an era during which trade wars may soon replace 'Star Wars.'"

"I think it is clear that whatever vestiges of the Cold War remain, there are still

*continued on page 6*



Peace Corps Director Paul D. Coverdell



### Record Commencement packs Miami Arena

**F**IU officially ushered in the new decade last month by bringing together thousands of its newest graduates, their families and friends.

The occasion was Commencement 1990, held on April 30 at the Miami Arena, the 17,000 seat facility that is home court of the Miami Heat and the site of events ranging from circuses to pop concerts. The graduates provided the enthusiastic, celebratory atmosphere that fills the hall at such other events.

Nearly 2,000 of the 3,543 graduates were on hand to receive their degrees at the event. An estimated 12,000 people attended Commencement.

This year's honorary doctoral degree recipients included Rosabeth Moss Kanter, an internationally known business leader and author; Robert H. McCabe, president of Miami-Dade Community College; and Leander Shaw, chief justice of the Florida Supreme Court.

Mario Vargas Llosa, the internationally renowned author and presidential candidate in Peru, was scheduled to receive an honorary doctorate and deliver the Commencement address. He was unable to attend due to the demands of his runoff campaign, but plans to visit FIU later to accept his degree.

"For me, personally, these commencement exercises have a special meaning, for, in a way, I am also graduating with you since this marks the end of my fourth school year as president of FIU," said President Maidique, who presented the Commencement address. "So, as you can see, I am also a member of the class of 1990."

The president noted the historical significance of the past year — marked by the fall of dictatorships and the rise of democracy in many nations — and declared that "1989-90, your graduation years, will be remembered by future generations as a milestone in the history of humanity."

"Certain dates, such as 1989, mark important milestones, but history should be seen as a process. The events we have witnessed in the past few months have their origins decades ago. In the same manner, the sequel of the events of 1989-90 is yet to be seen.

"Assuming that the majority of this graduating class are in their mid-20s, a quarter century from now when you arrive at the age of 50 — when you reach your prime years — you will probably see the full impact of today's momentous drive to freedom.

"What a wonderful time to be alive. You are fortunate to begin your lives as professionals at a time when new foundations are being laid. You do not have to settle for being witnesses to change. The world lies open to new ideas, new blood. You can and should be agents of change."

The event also featured the presentation of the FIU Distinguished Service Award. The University Service Award was given to Sanford L. Kravitz, the distinguished professor of Public Affairs who designed and developed the Southeast Florida Center on Aging and the FIU-HRS Professional Development Center, which was dedicated in March. Since coming to FIU in 1979, his University service has included: special assistant to the provost; coordinator of the Higher Education Management Improvement Program; chairperson of the Long Range Planning committee; acting director of the Southeast Florida Center on Children and Families; and director of University Accreditation.

Awards from the College of Education were also presented to the Teachers of the Year: Maria Zeien, of The English Center in Dade County; and Francine Black, of the Nova Middle School in Broward County.

### Mellon Foundation awards FIU \$375,000 Caribbean studies grant

**T**he Andrew W. Mellon Foundation has awarded a \$375,000 grant to FIU to initiate a new Caribbean Research and Training Program. The Mellon grant is one of the largest grants ever given in the United States to further Caribbean studies, according to Mark Rosenberg, director of the Latin America and Caribbean Center (LACC) at FIU.

"The University is anxious to expand scholarly research and teaching on the Caribbean, and our track record and faculty strength in Caribbean studies made it a logical choice for this grant," said Rosenberg. "The Caribbean is absolutely vital for U.S. economic and cultural well-being, and will play a key role in Florida's commercial development in the '90s."

The Mellon grant is one of the largest private foundation grants ever awarded to FIU. The four-year grant will provide \$220,000 for graduate fellowships, \$120,000 for faculty research and \$35,000 for acquisition of library materials on the Caribbean.

The university will provide over \$2 million in matching grants and sustaining funds over an eight-year period to further enhance the new Caribbean Research and Training Program.

"This generous grant will be crucial in our strategy to make LACC the preeminent Latin American and Caribbean studies center in the country," said President Maidique.

"When one of our academic programs is recognized because of its excellence, it is good for all the programs at the university," said Provost Judith Stiehm. "That recognition will cause other foundations to look at our programs more carefully. When they do, they will discover other excellent work deserving support. It's not exactly a domino effect, but something akin to it."

### FIU leads the SUS pack in freshmen GPA

**R**ecently released information from the Florida Board of Regents (BOR) indicates that FIU is one of the top college choices for Florida's best high school students, and the freshmen admitted last year had the highest grade point average (GPA) in the State University System (SUS) of Florida.

According to the 1988-89 BOR Fact Book, the average GPA of freshmen admitted and registered at FIU in 1988-89 (Summer 1988, Fall 1988 and Spring 1989) was 3.34, the highest of any university in the SUS. The average for the entire SUS was 3.13.

In a survey conducted by the BOR, parents of students who were in the top 2 percent of their class (1989 high school seniors) academically listed FIU as one of their top 10 choices of colleges throughout the nation.

The Regents surveyed the parents of students who scored in the top 2 percent of the Scholastic Aptitude test, were members of academic honor societies, were high-scoring minorities or were regional finalists in the Department of Education Program to Recognize Initiative and Distinction in Education.

# FIU delegation witnesses transformation of 'new' Germany

Scenes from the Berlin landscape, circa March 1990...

**T**housands of East Berliners streaming off a train in the morning near Kurfürstendamm in West Berlin, one of the city's glitzy shopping areas. In the afternoon, they board the same train to return home, laden with all manner of electronic gadgetry, designer clothes and other Western goods. Outside the train station, people brandishing thick wads of bills offer black market rates for the exchange of West German marks.

Hundreds of tourists streaming off buses at the Brandenburg Gate, the heart of Berlin and one of the favorite spots to view and take photographs of the Wall. Tourists take advantage of Berlin's newest cottage industry and purchase pieces of the wall from locals. A few small chunks run 5 DM (about \$3.00) and are available at home-made stands popping up throughout West Berlin.

Hundreds of poor people baking under the hot sun and selling their wares at the "Polish" flea market, which surrounds a shallow pool of stagnant water, garbage and sewage on an abandoned lot in West Berlin. Poles travel across East Germany on a short-term visa to sell their goods — which range from cheap clothing and toys to illegal weapons and drugs — and then return to their native with their meagre profits. Berliners complain about the flea market, the site of regular police raids.



**P**anamanian Vice President and Minister of Justice Ricardo Arias Calderon, a former FIU provost and philosophy professor, recently spoke to an audience of 400 at University Park about the changes in his country since the fall of General Manuel Noriega.

Calderon said that Panama's new government has been concentrating on the nation's economic recovery and improvement of its human rights image. All of the generals and colonels within Noriega's army have been replaced, and 93 percent of its lieutenants have been retired, he said. The greatest challenges facing the new government are decreasing the 30 percent unemployment rate and a national debt of \$6 billion, Calderon noted.

The vice president, who was associated with FIU from 1971 to 1979, said there is renewed hope among the Panamanian people, who have finally seen the end of 21 years of dictatorship.

"The people know that conditions can change," Calderon said.

Calderon's appearance at FIU was part of the President's Choice Lecture Series.



Members of the FIU student delegation are seen in Frankfurt Hauptbahnhof (train station): (from left) Alan Kobrin, Bettina Lopez, Liz Hubbard, Todd Ellenberg, Jeanine Lussier and Cindy Elliott.

Zooming down a bleak, gray East Berlin boulevard in a "Funktaxi," one of the tiny state-owned taxis. The housing blocks in this part of the city consist of impersonal high-rise towers. Industrial smokestacks spew uncontrolled pollution, a nearby river looks dead, and the smog burns my eyes. It reminds me of my home state, New Jersey.

These were just a few of the tableaux that this editor and an FIU delegation witnessed during their recent trip to Germany. Six master's students from the FIU School of Journalism and Mass Communication and Peter Habermann, the German-born professor who is director of the School's graduate program, were invited by the government of the Federal Republic of (West) Germany to study the political changes taking place in the country and the media's role in the events leading to the unification of the two Germans.

The nine-day trip was a whirlwind, crash course on the extensive change that has been sweeping Germany in the wake of the past six months: the collapse of the Berlin Wall in October, the peaceful revolution that toppled the communist regime in the German Democratic Republic (East Germany) in November, and the March 18 unprecedented free elections in East Germany — a vote that was an *ex post facto* plebiscite for rapid unification with West Germany. In its totality, the trip was a lesson in the "realpolitik" that is currently transforming Germany and the social ramifications that will be its consequences.

"It was very successful trip," Habermann commented. "The group was able to get a good impression of the changes taking place in Europe, as well as the political and social responsibility of the media."

Liz Hubbard, a student who participated on the trip, said, "It was a once in a lifetime opportunity to be able to visit Germany at a time when history is being made. It's an important time for our two countries to exchange ideas and achieve greater understanding."

Our group traveled to Frankfurt, Bonn, and Berlin and met with representatives from the media, government, leading political parties and education. The trip was initiated by Habermann, who has 20 years of experience working with the United Nations and many foreign governments. The idea was born in December, when he presented seminars at Humboldt University in East Berlin. He approached the Deputy Consul General of West Germany in Miami, Werner Wnendt, who arranged the official invitation for the group. The students' fields of study include journalism, public relations, and television and radio production.

Based on conversations with officials and everyday people, several clear impressions emerged:

- the New Forum, the group that gave birth to the October revolution in East Germany, was striving for increased freedom of expression and democratic reforms, not for political power;

- the March 18th electoral victory of the Christian Democrats (the party of West German Chancellor Helmut Kohl), which will result in the unification of the two Germans, was largely based on the electorate's thirst for economic gains and Western consumerism;

- fears of a new imperial, expansionist Germany are unfounded and fail to take into consideration West Germany's 45-year democratic history and the current balance of power in Western Europe;

- the Western media was a powerful force that helped inspire the East Germans to seek a different political and economic system.



Dr. Werner Sydow (left), a professor of communications at an East Berlin university, and FIU Communications Professor Peter Habermann, who organized the trip.

Dr. Werner Sydow, a professor of communications at East Berlin's Hochschule für Ökonomie, said that 90 percent of the people in East Germany could receive television transmissions from West Germany. Although they were officially forbidden to watch them, he said the West German television shows were prime sources of unbiased information about the international scene as well as the problems in their own country.

Sydow also discussed changes that have taken place in the Hochschule (comparable to our universities) since the revolution. The Department of Marxism-Leninism has been renamed the Department of Social Science, and professors who just a few months ago were lecturing on planned economies are now teaching about market economies. He believes that the East German voters were naive when they went to the polls in March, asserting that the election campaigns were orchestrated by the political parties in West Germany. He said the voters did not understand that Western politicians make campaign promises that often cannot be kept — unlike the former communist system, where what the party line was always carried out.

The power of the West German media in East Germany was also noted by Siegfried Buschschilder, radio director of RIAS

(Radio in the American Sector) BERLIN, a radio station that was founded by the United States at the end of World War II to counter the political influence of the station the Soviets established in their sector of the city. Although the station administrator knew they had many listeners on the other side of the wall, this fact was confirmed by surveys the station has conducted since November. In a survey conducted in East Berlin, 54 percent of the respondents rated RIAS as the number one radio station. The station has received an avalanche of 330,000 protest letters in recent months due to the station's threatened demise. In the wake of the democratization in East Germany, the West German government may withdraw its support for the station; 96 percent of the funding is from the taxpayers and 3 percent is from the United States Information Agency.

Ante Geyer, chief editor for "1199," the leading television news magazine show in East Germany, is a journalist who is also grappling with the political changes in her nation. The former communist-dominated government criticized her for being too open, and now she is accused of being an old Stalinist. The television program, which began a year ago, was the first in East Germany to present the problems and realities of life in East Germany and to present the views of all the political parties prior to the March elections.

"1199 is a show that was critical of both the old and new regimes," she said. "People don't understand that freedom of the press means freedom to criticize all sides."

Geyer and other East Germans shared their concerns regarding problems that will ensue from the unification of the nations: the loss of state social and welfare benefits; rampant real estate speculation that will lead to a sharp increase in rents and property values; unemployment as high as 20 percent caused by the closing of industries that cannot compete in a market economy; and the decay of "humanistic" values caused by the predominance of "capitalist" values. Nevertheless, these same individuals believed that the people would no longer accept a dictatorial system, and that they could never obtain a higher standard of living in a planned economy. For the most part, people were optimistic that an infusion of state aid from West Germany and private capital will enable East Germany to rebound economically within three to five years.

"I'd like for you to go back to America and tell people that it is a peaceful political necessity for us to move ahead with unification," said Gunther Gillissen, an editor and writer for the Frankfurter Allgemeine Zeitung, one of the West Germany's most influential conservative newspapers. "Unless we push ahead, our allies won't push ahead. It is in the best interests of all of us."

— Todd Ellenberg

# The College of Business Administration: a retrospective

*We live in a time in which economic strength is replacing military strength as the key element of a country's power. In order for the United States to remain a leading world force, it must ensure that it can maintain its economic edge. Our nation's colleges and schools of business will play a critical role educating a generation of entrepreneurs and managers who will make this possible.*

*This month, Dean Charles A. Nickerson of the College of Business Administration, one of the largest academic units at FIU, discusses his college's history and the next steps in its continuing evolution.*



*An architect's rendering of the future College of Business Administration building, which is scheduled for completion in late 1991.*

**C**hange. It happens. Constantly, everywhere. Physically, conceptually, morally. Sometimes change is obvious and highly visible, as in the physical development of the University Park campus. Sometimes change is much more subtle, occurring quietly and deliberately over a period of years. Such is the character of the change that accompanies the growth and development of schools and colleges. To appreciate that kind of change, it's necessary to step back in time, establish a point of origin and follow the course of history. With the imminent appointment of a new College of Business Administration dean, it is an appropriate time to review some of the changes that have taken place in the College during the past eight years.

## Organization

In 1982, the School of Business and Organizational Sciences reorganized to better position itself to serve a rapidly growing student body and to provide identities in line with a majority of peer business schools. The School was renamed the College of Business Administration, the Department of Accounting became the School of Accounting and an assistant deanship was created to emphasize the importance of the academic advising function. Additionally, a new department — now the Department of Decision Sciences and Information Systems — was formed bringing the number of academic departments to five. With those changes, supplemented by the subsequent appointment of program directors, the College continues to administer

its affairs effectively. Undoubtedly, continued growth, service area modifications, and other factors will suggest the need for future organizational change, but in the interim the existing structure appears both efficient and appropriate.

## Faculty

The instructional faculty has increased 38 percent over the past eight years, and the average faculty salary is 64 percent greater today than it was at the beginning of that period. More than one-half of today's faculty joined the College after 1982, reflecting in part a significant reduction of our reliance on adjunct instructors. The College's success in attracting women and minorities provides faculty diversity that enriches the educational experience of our students.

The University's decision to move toward comprehensive (and ultimately research) status and the College's decision to seek accreditation by the American Assembly of Collegiate Schools of Business increased faculty involvement in research and publications. Success in that area can be measured in many ways. For example, faculty authorship of published, referred articles increased from 27 in the 1982-83 academic year to 85 in 1988-89, and participation in professional and scholarly association meetings increased from 73 to 122 — rates of increase significantly greater than the rate of faculty increase.

Other evidence of faculty scholarship abounds: books, book chapters, newspaper columns, research grants, journal editorships, etc. But scholarly activities alone are not sufficient to describe the high quality of the faculty, for classroom effectiveness and institutional service are equally important components of the portfolio. Although there may be a tendency to take teaching excellence for granted, we know from the market's acceptance of CBA graduates — and their career successes — that classroom teaching continues to be a consistent major strength. As for the faculty's ability and willingness to serve, it is perhaps enough to note that in recent months three members of the faculty have been tapped for important posts in the University's central administration.

## Students

The College conferred 541 baccalaureate degrees in 1988-89, an increase of 27 percent over the number conferred in 1981-82. During the same period the number of graduate majors increased 81 percent, an astonishing rate of growth even after discounting the influences of a change in Florida accounting statutes and the introduction of doctoral programming.

Lower division grade point average requirements for entering undergraduate students have been incrementally increased from 2.0 to the present 2.5. That change has had the dual effect of increasing the

quality of the student body and slowing the rate of enrollment growth. Both results were intended and are viewed as beneficial to the College's development.

The number of undergraduate women slightly exceeds the number of men, a fact not inconsistent with the experience of many other business schools. Black enrollment in the baccalaureate programs has increased over the past eight years from 4.5 percent to 6.0 percent.

An annual orientation program for entering students, an awards program, and two honorary scholastic fraternities are major student services that have been introduced since 1982. Additionally, student clubs are active in all but one of the undergraduate degree programs.

## Programs

The College offers two baccalaureate, six master's, and one doctoral degree, the latter implemented just three years ago. Each of the programs is firmly established and attracts growing enrollment. Although curriculum revision is an ongoing process, existing curricula appear to satisfy both accreditation requirements and near-term program demands.

No additional programs are under consideration; however, that does not preclude the expansion of existing programs or the development of executive tracks within existing degree authorizations.

Most importantly, the College's undergraduate and graduate programs were accredited by the American Assembly of Collegiate Schools of Business in 1983 and 1986, respectively.

## Looking Ahead

Ground breaking for the College of Business Administration building, long a faculty goal, is tentatively scheduled for early June, and construction should be completed in late 1991. The building will provide a physical identity for the College, as well as additional classroom and laboratory facilities to better accommodate continuing enrollment growth.

Although much has been accomplished in the past eight years, the building goes on and the next dean will have a full measure of challenges and opportunities. That's why the College of Business Administration will continue to be stronger and better every year and will become an increasingly influential force in the South Florida business community.

# FIU to offer MBA program in Yugoslavia

**T**he University's College of Business Administration and the government of the Republic of Croatia, Yugoslavia, took a major step last month to establish a master's in business administration (MBA) degree program in the city of Zagreb. When the program begins this September, it will be among the first fully-accredited American graduate business degree programs delivered completely in Eastern Europe.

On April 11, President Maidique and officials from the College of Business Administration signed a formal agreement with a Yugoslavian official, establishing the FIU MBA program in Zagreb. Beginning in September, FIU will offer the MBA program, in English, to 40 Yugoslavian students. The students, mostly engineers on temporary leave from their work, will take a 22-month, 20-course program of graduate level business classes.

"I am delighted that FIU will be a participant in the great wave of freedom and opportunity that is sweeping Eastern Europe and the world," President Maidique said.

The MBA students will study at the recently established Zagreb School of Management, located in the former residence of Marshal Tito, a sprawling, 45,000 square-foot mansion on a 250-acre estate.

U.S. Senator Bob Graham of Florida said in a special statement, "I am especially pleased to recognize Florida International University as an institution on the cutting edge of changes that are taking place around the world. At a time when democracy is blossoming around the world, programs such as this serve to further the understanding and exchange of ideas between our two continents."

"We are very excited about this program," said George Sutija, the Yugoslavian-born associate professor of management at FIU who played a major role in developing the program. "This is so important that Yugoslavia has asked a minister of their government to

be the first dean of the school. This is the first accredited MBA program to be fully delivered in Eastern Europe. Other programs have developed over there, but they are on a smaller scale or are not fully delivered on site."

Dr. Velimir Srca, chairman and president of the Committee for Science, Technology and Informatics for Croatia, the second largest republic in Yugoslavia, will be the dean of the Zagreb School of Management. The changing economic conditions in Yugoslavia have underscored the management vacuum in his country, according to Srca.

"Our country is trying to reform its higher education system," Srca said. "We need managers who are able to be pillars of our economic reform. The FIU program will be a catalyst of our internal development."

There is growing interest in American management training throughout Eastern Europe, according to Milton Blood, managing director of accreditation at the American Assembly of Schools of Collegiate Business.

In addition to the FIU program, the University of Pittsburgh teaches business administration courses in Budapest, Hungary; however, students must come to the United States to complete their coursework. Portland State University has established a management training program in association with the Khabarovsk Institute of National Economy (KINE), a state-entity in the Soviet Union.

By June, nearly 200 students will have taken the necessary examinations to compete for the 40 positions available in the Zagreb/FIU program, said Barnett Greenberg, who chairs the FIU Department of Marketing and Environment and was instrumental in developing the program.

"This new generation of managers are all people who have grown up with a communist form of government and a planned economy," Greenberg said. "These people need a tremendous amount of training and opportunity to develop management skills. We are not going to change the entire country with one MBA program, but it is an important start."



*President Maidique and Dr. Velimir Srca, dean of the Zagreb School of Management, sign the agreement to create the MBA program in Yugoslavia.*

— Steve Fios

# Commencement

# 1990: a closer look



President Maidique (left) and Dean Allan Rosenbaum (center) of the School of Public Affairs and Services present an honorary doctorate to Leander Shaw, chief Justice of the Florida Supreme Court.



Honorary degree recipients (from left) Leander Shaw, chief Justice of the Florida Supreme Court, and Robert H. McCabe, have a chat.



President Maidique's Commencement remarks focused on the historical times we live in and the opportunities that await FIU graduates.



President Maidique (left) and Dean James Mau of the College of Arts and Sciences present an honorary doctorate to Rosabeth Moss Kanter.



## Diverse spectrum of graduates included in class of 1990

**A** close look at the FIU class of 1990 is like peering into a prism. On the surface, it is just a faceless mass of thousands of graduates. Closer inspection, however, reveals a colorful diversity of individuals from countries as distant — geographically and culturally — as Iceland and China. The class spanned generations, with a spectrum of graduates ranging in age from 19 to 70 years old.

Hjalte Jonsson, a native of Iceland, specifically came to FIU to study Marketing and International Business. He feels he gained an increased global awareness by attending FIU. "The faculty really deepened my understanding of global linkage and interdependence," said Jonsson.



Holly Kartzmark (left) and her daughter, Charlotte Kartzmark du Menil, received degrees in Construction Management at Commencement.

He will heighten this awareness this summer with an independent study course on tropical rainforests. The School of Computer

Science awarded its first Ph.D. — the first doctorate in computer science awarded by any university in South Florida — to Qiang Li, a

native of the People's Republic of China. In 1982, Li came to this country knowing little English; two years later, he received his master's degree from FIU in computer science. He intends to remain in the United States and is now looking for a university teaching job.

Four days prior to receiving his Ed.D. in Adult Education, Mickey Warner turned 70 years old. Largely self-taught, Warner did not receive much formal education until he went to college. His schooling ended in the second grade, when he was forced to travel with his vaudevillian family, and he worked in the restaurant and food service business for most of his life. Warner taught courses on food service at colleges and trade

schools in New York and Florida, and wrote books on the subject.

Upon receiving his bachelor's degree from FIU at the age of 51, he continued to work towards attaining his goals. "I feel that commencement is a beginning not an end," said Warner. He received his masters degree one day following his 62nd birthday.

Charlotte Kartzmark du Menil and her mother, Holly Kartzmark, made FIU history on commencement day. Their graduation marked the first time two generations of the same family received their bachelor's degrees from the Department of Construction Management. Both mother and daughter were instrumental in the design and construction of



Seventy-year-old Mickey Warner (from left) receiving his doctorate from Professor Charles Divits and Dean I. Ira Goldenberg of the College of Education.

the James Suarez Gazebo at University Park.

After raising six of her own children and one of her nine grandchildren, Emma

Shelley finally received her bachelor's degree in Dietetics and Nutrition this year. Shelley, 51, began working towards this degree back in

1975, when she completed her GED. Although busy on the homefront, she graduated with honors from Miami Dade Community College and FIU.

Dipti Thipaiah's early formal education began in a convent in India. The daughter of a coffee farmer, Thipaiah came to FIU to expand her creative abilities in apparel design. At commencement she received her bachelor's degree in Apparel Management. Thipaiah plans to design clothes using her newly acquired skills in computer-aided design.

"Since there are not many innovative designers in India, I'd like to go back to design clothes that really go beyond the sari," she said.

— Alexandra Bassil

## New Honors Program emphasizes integration of knowledge

**I**n a move that will herald the return of a more traditional curriculum and help attract a greater number of exceptional students to FIU, the University is launching a new four-year interdisciplinary Honors Program this fall.

The program, which will admit 100 freshmen with a minimum 3.6 grade point average or a minimum 1100 Scholastic Aptitude Test (SAT) score, will help students gain an integrated understanding of the fundamental ideas of human civilization through the perspective of different academic disciplines.

Through exposure to a vast body of ideas found in books, lectures by experts in their fields, and first-hand experiences in the community, the program emphasizes the connections between science and history, literature, the arts, philosophical and social thought, technology and the importance of these concerns in our lives. By participating in the Honors Program, students will receive both a degree in their major and broad based liberal arts education.

"The University has been planning to institute an Honors Program," said Fernando Gonzalez-Reigosa, dean of Undergraduate Studies. "We decided the time was ripe to begin it this fall."

Every term, the program will include one three-credit honors course (incorporating lectures and small discussion groups) toward fulfillment of the eight-semester program. In the fall, "Themes of Mysteries and Origins" will be offered, a course which delves into the nature of scholarly inquiry. The course will be taught by a team that includes Dean William Keppler of the College of Health; Stephen Fjellman, associate professor of Sociology and Anthropology; Barbara Weitz, instructor of English; Constantino Torres, assistant professor of Visual Arts; and Orlando Garcia, assistant professor of Music.

"We're asking these faculty members to go beyond the boundaries of their own specializations," Gonzalez-Reigosa remarked.

In addition to the classroom studies, students in the Honors Program will be encouraged to participate in travel abroad programs and student exchange programs. Students will also attend concerts, plays, art exhibits and other cultural offerings in the community.

"Our program is at the cutting edge of a movement that will take place at most major American universities," Gonzalez Reigosa said. "We're employing a comprehensive approach that considers the integration of knowledge. Overspecialization does not do justice to the vastness of the human experience and learning."



Displaying the award-winning mini-car are (front row, from left) Ronni Evans, President Maidique, Wunnava Subbarao, Andres Rodriguez, Grace Couret; (back row, from left) Jeff Hochberg, Emilio Gonzalez, Professor Jorge Salinger, Tony Gongora, and Roger Manterola.

## Engineering students race their way to winning finish in national competition

**A**n automated electric mini-car designed by a team of six FIU electrical engineering students won second place in a national competition among 27 leading universities last month.

The students presented their design at Southeastcon '90 in New Orleans during a contest sponsored by the Institute of Electrical and Electronics Engineers (IEEE). FIU's entry placed second behind Virginia Tech University in a field of contenders that included Clemson University and Florida State University.

"FIU's electrical engineering program is so new, most other colleges didn't know we existed," said Jim Story, chairperson of the Department of Electrical Engineering. "Winning this contest has expanded the reputation and visibility of our students."

The international team of one woman and five men was able to utilize each member's expertise in designing the mini-car. Jeff Hochberg, Andres Rodriguez, and Tony Gongora worked on the hardware, and Emilio Gonzalez devel-

oped the software. Ronni Evans and Grace Couret were responsible for the organizational and fund-raising aspects of the project. The car has three primary parts: a sensor component, a computer component and a control section.

In the competition, the radio sensors in the mini-car had to pick up an electromagnetic field generated by a wire and then its optical sensors had to "see" a white line. The information was converted to a digital format and sent to the car's computer, which, in turn, sent the data to the control section, which steered the car. In the competition, cars from two different teams had to race against each other at the same time.

"Four months of work went into this car. Some of the students even spent their holiday break working on the project. Among the competing universities, our vehicle looked very professional," said Couret, president of FIU's student chapter of the IEEE.

For a look at the automated electric car, stop by Jim Story's office in the Engineering and Computer Science building, Room 346.

## Peace Corps cont...

tremendous tensions in the developing world," Coverdell said. "It will, for some time, remain a place of immense struggles — for freedom, for justice, for survival — and we will be embroiled in those struggles. We cannot overlook conditions, responsibilities and opportunities in the developing world where 75 percent of the world's population lives."

The Peace Corps director asserted that the United States must become more international in its outlook and eradicate any isolationist tendencies if it is to remain a vital power in the coming century.

"All of us in America," he said, "in government and the private sector, have got to understand that it is crucial that we get busy training the international experts so lacking in our nation. This is indeed a bold new era in the world's history — and I believe there is no agency, public or private, that can do so much for so many for so little as the United States Peace Corps. We have volunteers in more nations than at anytime in our history and in most countries in which we serve, Peace Corps is our largest American presence — and it is still growing."

Coverdell said the Peace Corps of today is far different than the 1960s images most Americans still hold. Today's volunteers are older — the average age is around 31, compared to 24 in the '60s — and it is equally balanced between males and females, while in the '60s it was predominantly male. The nature of the work has also kept up with pressing issues of the '90s — the environment, urban problems and small business development.

"Clearly, there has never been a greater need for Peace Corps than there is today. At this moment, there are 30 nations that have requested volunteers. In the next 18 months, we will exceed the number of new country entries and new volunteers of the past decade. And, there is another part of the Peace Corps mission which is of vital importance and yet few people in America know anything about it — our domestic mission — bringing the skills the volunteers gain overseas back home to the United States."

The Peace Corps has also been expanding its programs with the domestic academic world. Its World Wise Schools program links every Peace Corps volunteer with an elementary or junior high school classroom. Volunteers exchange letters, artwork, artifacts and other educational materials with partner classes.

An example on the higher education level is FIU's fellowship program, which promotes a collaboration between the University, returned Peace Corps volunteers, and the Dade County Public Schools. The program enables the FIU College of Education to engage returning Peace Corps volunteers, especially those currently serving in South and Central America, in alternative certification and master's degree programs. Peace Corps veterans build on past experiences and prepare for working, both as teachers and community development advocates, with the ever-increasing numbers of immigrant families and school children in the Miami area.

In concluding his remarks, Coverdell stressed the importance of a new world view, commenting, "The Berlin Wall has gone the way of castle moats. But unlike the renaissance of the 17th century, there can be no global Renaissance unless all nations and all people are included."

## FIU biology students awarded fellowships

**T**wo FIU juniors studying molecular biology have been awarded prestigious summer fellowships to conduct research under the direction of world-renowned scientists.

Leticia Vega was accepted to the Minority Summer Science Research Program at the Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts. Paule Belony was one of only six students in the country to be accepted to the Summer Undergraduate Research Fellowship program at Rockefeller University in New York City. Both of the students have been studying at FIU since they were freshmen.

"At MIT, I'll conduct research concerning bacterial cells that have undergone mutation at the DNA level," said Vega, who plans to enter a Ph.D. program in biology after she graduates from FIU next year. "I'll be very prepared. Because FIU's biology department is relatively small, I've been exposed to a lot of research techniques that usually only graduate students are exposed to."

Belony said she was "totally excited" when she learned she had received her fellowship. "I've never been to New York," she noted.

Belony will be studying the gene that controls the sleep and wake cycle in the



A going away party was held for the students who received the biology fellowships. Seen in the foreground are (from left) Rene Herrera, assistant professor of Biological Sciences, Leticia Vega, and Paule Belony.

fruit fly. She intends to pursue a Ph.D. in molecular biology and M.D. after she graduates FIU.

"I'm really interested in human research," she explained. "I would like to do research on cancer and other maladies that are genetic in origin."

Both students are enrolled in the university's Minority Biomedical Research Services program which is funded by the National Institute of Health. As part of the program, the two students have been studying how genetic material changes its activity during development. This research may

help scientists to better understand how birth defects develop in humans.

"I am extremely proud of these students," said Rene Herrera, the assistant professor of Biological Sciences who has had Vega and Belony working in his laboratory.

"The level of sophistication in their experiments is comparable to the work I used to do at Rockefeller University as a post-doctoral fellow. In their fellowships they will be able to obtain new knowledge that they can bring back to FIU and share with other students. They have a brilliant future — their potential is limitless."

# New officers elected to Board of Trustees

**T**he FIU Foundation elected new officers for its Board of Trustees this month. Alvah H. Chapman Jr., director and chairman of the executive committee of Knight-Ridder, Inc., was reelected chairman of the board. The foundation also reelected Albert Morrison Jr. as vice chairman. Morrison is a partner at Caplan, Morrison, Brown and Company, P.A., a Miami accounting firm.

Patricia Frost, principal of West Laboratory School in Coral Gables, was elected secretary, and Graham W. Denton Jr., executive vice president of NCNB National Bank of Florida, was elected treasurer. The board elected Catherine H. Fahringer to the position of trustee emeritus, a position of honor on the board. Fahringer served as chairperson of the board from 1982 to 1984.

Elected as a new trustee was real estate developer Cal Kovens. Kovens currently serves as chairman of the board of Kovens Enterprises, a major South Florida development company. An active leader in the community, Kovens has served on the

boards of trustees of the Dade County United Way, the Greater Miami Jewish Federation, the National Conference of Christians and Jews, and the Southeastern University of Health Sciences Foundation. Kovens was the first recipient of the Outstanding Volunteer of the Year Award presented by the National Society of Fund Raising Executives, South Florida Chapter.

The FIU Foundation Board of Trustees, composed of leading South Florida corporate and civic leaders, plays a significant role in the development of the University as a major educational, cultural and economic resource.

The trustees assist the University in a variety of special areas, including: fund-raising activities; establishing positive relationships with representative groups and other community leaders; to communicate the goals and objectives of the University and its programs; to identify and develop programs that meet community, state, national and international needs; and to provide supportive liaison with federal and state legislative bodies.



An aerial view of "Mother Earth," an earth drawing that was created in the northwest section of University Park as part of FIU's celebration of Earth Day.

## For Your Benefit

### Trouble getting around?

Are you having difficulty getting around the FIU campuses? Are doors too hard to open, lavatory facilities not adapted for your needs, handicapped parking not where you think it should be? If so, the University Affirmative Action Committee's Subcommittee on Disabled Student and Employee Access wishes to hear from you.

Help this subcommittee be more effective by identifying barriers that might prevent full and safe access to campus services and locations. You may submit your comments and suggestions to Maria Baeza in the Office of Equal Opportunity Programs (PC 215, 348-2785).

FIU has been recently installing metal circular railings in buildings to replace wooden rectangular railings. This is being done primarily to accommodate the hand grip of all people at the University.

### Care for toddlers

The Children's Creative Learning Center at FIU is an educational preschool serving children 2 1/2 to 5 years of age. Registration is now taking place for Summer and Fall 1990 programs at both University Park and North Miami. For more information, call 348-2143.

### Where did I leave it?

The Property Control Office is acquiring an ever growing number of lost and found articles. If you lose or find articles at FIU, please immediately contact the following offices:

**University Park:**  
Gameroom (UH), 348-2189  
Public Safety Office (Tower), 348-2626  
**North Miami Campus:**  
Student Activities Office (SC 125), 940-5800  
Public Safety Office (SO-1), 940-5555

## 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 March included:

**Rosemary Hickey** (Geology), \$61,113

from the National Science Foundation for "Geographic and Temporal Geochemical Variations in Volcanic Rock from the Philippine Plate"

**Ton-Lo Wang** (Civil Engineering), \$60,634 from the Florida Department of Transportation for "Computer Modeling Analysis in Bridge Evaluation."

# Spotlight

## On the dais

**Marshall Barry**, director of applied research, Center for Labor Research and Studies, was the keynote speaker at the 1990 National Farmworker Conference, in San Antonio, Texas. Sponsored by the Midwest Association of Farmworker Organizations, the conference focused on the theme, "Farmworkers in the '90s: Building Alliances for Progress."

**Robert De. Cruz**, assistant professor, Economics, presented a paper, "An Open Economy CGE Model of Brazil," at the 36th annual north American Meetings of the Regional Science Association, in Santa Barbara, California.

**Toni Eisner**, director, Equal Opportunity Programs, was panel moderator of a Fair Housing Seminar sponsored by the Dade County Equal Opportunity Board. Eisner is chairperson of the Equal Opportunity Board.

**Dennis J. Gayle**, associate professor, Business Environment, and director of International Affairs, presented a paper, "Multinational Corporate Strategies in the Chemical and Pharmaceutical Industries," during a panel session. He also chaired the session, titled "Emerging Corporate Strategies and the Evolving Global Business Environment," at the 31st annual convention of the International Studies Association, held in Washington, D.C.

**Bernard Gerstman**, associate professor, Physics, presented a paper, "Ligand Field Induced Electronic Interference Effects in Heme Protein Binding Kinetics," at a meeting of the American Physical Society in Anaheim, California.

**George Kovacs**, professor, Philosophy, presented a paper, "The Way to God as Absolute Transcendence," to the annual meeting of the American Catholic Association, which was held in Toronto March 30-April 1. The paper has been accepted for publication in the *Proceedings of the ACPA*.

**Charles G. MacDonald**, professor and chairperson, International Relations, spoke on Iran's role in the Middle East and Islamic World at United States Central Command Air Force symposium on Southwest Asia, held at Shaw Air Force Base, Columbia, South Carolina.

**Dahlia Morgan**, director, The Art Museum, presented a lecture and slide presentation titled "Women: A Hard Act to Follow at the North Miami Center of Contemporary Art. Focusing on the art of Joan Mitchell, Morgan traced the economic and social reasons for the exclusion of women from the art world throughout history.

**Kenneth Rogerson**, associate professor, Philosophy, delivered a paper titled "Art and Nature in Kant's Aesthetics" to the Seventh International Kant Congress in Mainz, Germany. The conference is held every five years by the International Kant Society.

**Walter Van Hamme**, assistant professor, Physics, presented a paper, "Prospects for Variable Star Observations from Space," at the 1990 Space Research Symposium in Melbourne, Florida. The paper concerned the importance of photometric observations of stars from outer space and the specific systems that are considered excellent targets for such photometry.

## In print

**Antonio Jorge**, professor, International Relations and Economics, and **Jorge Salazar-Carrillo**, professor of Economics and director, Center of Economic Research, were honored by the FIU bookstore as the authors of the month. Their books were on display in a special exhibition at the University House building. Five books were published jointly by both professors between 1985 and 1990, by Pergamon Press and MacMillan Press of London.

**William K. Jones**, associate professor, Mechanical Engineering, and **D. Landins** co-authored a chapter on Instrumentation and Testing in the "Electronic Materials Handbook.

**Robert S. Merkel**, associate professor, Apparel Studies, had his photograph printed on the cover of the April 1990 issue of *Textile Chemist and Colorist*, *The Magazine of the Wet Processing Industry*. The photo was of tapa fabric from Pago Pago, which was made of the fibrous inner bark of the paper mulberry tree. The fabric, presented to

Merkel as a gift, is thought to have been collected by a member of an expedition to Pago Pago some 75 years ago.

**Gautam Ray**, professor and chairperson, Mechanical Engineering, had an article, "Biomechanical and Anatomic Assessment of Microstructural Changes to Lumber Spine," published in *Advances in Bioengineering*, Volume 15. It is a publication of the American Society of Mechanical Engineering.

**Kenneth Rogerson**, associate professor, Philosophy, recently had a paper, "Causal Hermits," published in the Swiss journal *Dialectica*.

**Dennis Wiedmann**, assistant to the provost, had his article, "University Accreditation: Academic Subcultural and Organizational Responses to Directed Change," published in *Studies in Third World Societies*, published by the College of William and Mary. The papers in the issue were devoted to cross cultural management and organizational culture.

**Maria J. Willumsen**, assistant professor, Economics, has published an article, "The Impact of Production Structure on Income Distribution: A Multiplier Approach," in the *Review of Regional Studies*, Vol. 20 (3), 1990.

## In professional activities

**Carolann W. Baldyga**, dean, Continuing Education, has been named a Distinguished Mentor by the National University Continuing Education Association (NUCEA). The honor is in recognition of her contributions to the field of continuing education and her service to NUCEA.

**M. A. Ebadian**, associate professor, Mechanical Engineering, served as technical program chair of the 1990 Solar Energy Conference in Miami, sponsored by the American Society of Mechanical Engineering.

**Dennis J. Gayle**, associate professor, Business Environment, and director of International Affairs, was elected president of the International Political Economy Section and executive board member of the International Studies Association, at the organization's 31st annual convention in Washington, D.C.

**Robert R. Hann**, associate professor, Religious Studies, was appointed to be a reader of the national examinations which are required of candidates for ordination in the Presbyterian Church (USA). The southeastern reading group met in Atlanta from March 12 to 15. Hann graded candidates on their competence in Greek and Hebrew and their ability to use the standard tools of biblical scholarship.

**Max B. Rothman**, executive director, Southeast Florida Center on Aging, has been named 1990-91 president of the Gerontological Society of Florida. The Society is a statewide organization representing service providers, educators and others interested in the field of aging. The purpose of the organization is to increase knowledge and understanding about issues of aging and to stimulate communication and dissemination of information among the membership and general public. It is particularly concerned with incorporation of research in the development and improvement of public policy on behalf of older persons and their families.

**Steve H. Zanakis**, professor, Decision Sciences and Information Systems, was appointed associate editor of *Decision Sciences*, a major interdisciplinary journal for business schools, published by the Decision Sciences Institute. He was also invited to renew his participation in the Visiting Lecturer Program, sponsored by the Operations Research Society of America and The Institute of Management Sciences.

## In the media

**Marshall Barry**, director of applied research, Center for Labor Research and Studies, was featured in the PBS documentary "New Harvest, Old Shame," which was aired as part of the "FRONTLINE" news series. The program focused on the migrant stream to Florida and the conditions of the state's farm workers. Barry has studied Florida agriculture for over a decade.

**Dahlia Morgan**, director, The Art Museum, was recently interviewed on radio programs on WTMI and WLRN.

## Swinging alum breaks \$3 million mark

**P**at Bradley, one of FIU's most celebrated alumni, has surpassed another milestone in her extraordinary career. In March, she became the first LPGA (Ladies Professional Golf Association) player to reach \$3 million in career earnings.

"I'm happy to get this over with. I've begun working on \$4 million and am ready to go," she said after winning the Turquoise Classic in Phoenix. "The Hall of Fame is really what I want now. Five more victories and I'm home free."

Bradley, who graduated from FIU with a B.S. degree in education in 1974, was FIU's first All-American athlete and the first player to have a tournament named in her honor while an active member of the LPGA.

From the time she graduated, Bradley has generously contributed her time, talent and dollars to her alma mater. Since the late 1970s she has participated in the annual FIU/Pat Bradley Golf Championship, a major event that has raised more than \$100,000 for the women's golf program at FIU. This year she traveled to Miami for a second fund-raising event, where she joined five other FIU graduates on the LPGA tour in the first annual FIU Alumni Pro-Am tournament. She has also established an endowed scholarship in her name to assist future student-athletes.



Pat Bradley

## A year of exciting challenges for Golden Panther baseball



Paul Anderson

**E**xcitement is the name of the game for the Golden Panther baseball team in 1990. Entering the season with many question marks — most notably the absence of eight leading players from the 1989 squad who entered the professional ranks — Head Coach Danny Price wasn't sure what to expect from the team.

There have been plenty of highlights during the course of the season, beginning with the very first victory. When the Golden Panthers defeated Louisville on February 3, it marked Price's 400th career college coaching victory.

Heading down the final stretch of the season, Price couldn't have been more pleased with what transpired from this year's squad. FIU's 36-15 record was on pace for the school's finest mark in eight years of Division I ball.

Scoring many runs, stealing many bases and winning games in come-from-behind fashion was the norm with Price's squad. The Golden Panther faithful were treated to one of the most exciting seasons in recent memory at University Park.

Who will ever forget Jerry Santos striking out the side in the ninth inning to preserve FIU's 3-1 victory over Florida (ranked No. 15 in the nation at the time)? How about scoring three runs in the bottom of the ninth against rival Stetson's All-American relief pitcher to win 8-7? How about the trip to Tallahassee, in which FIU split a two-game series with Florida State, the number five ranked team in the nation.

FIU also captured two straight games from rival Central Florida, which was

ranked number 24 in the nation.

The largest crowd ever to see a baseball game at University Park — 1,587 spectators — showed up on Sunday, April 22 to watch FIU play host to the number one ranked Miami Hurricanes. The three-game series against Miami drew more than 11,500 spectators, the largest in the history of the series between the two schools.

FIU had numerous players ranked among the nation's statistical leaders. Left fielder Roger Bowman was number one in the nation in stolen bases with an average of 1.06 steals per game. Second baseman/shortstop Eric Cruz was as high as third in the same category.

Paul Anderson placed in the top ten in pitching victories all season long. Jerry Santos, the ace reliever out of the bullpen, was also a national leader in saves.

School records fell like autumn leaves out of the record book. Bowman surpassed the old mark of 51 steals in a season set ten years ago by Rusty McNealy. He also exceeded McNealy's mark of 67 career steals.

The Golden Panthers shattered the team mark for stolen bases in a year. The old record of 159, set in 1982, was broken by more than 50 steals.

Paul Anderson pitched 22 1/3 innings of scoreless baseball to set another new standard among FIU pitchers.

The 1990 FIU baseball team will always be remembered as one full of excitement, beating many challenges that came their way.

## Hard working FIU crew places 1st

**B**ack in September, 1988, a new group emerged on the FIU campus. They had no budget or equipment, but through the hard work of a few individuals, the FIU crew team has developed into a group that works as hard as any organization on campus and has emerged as a regionally competitive team.

The crew team started out as 20 individuals meeting six days a week at 6:30 a.m. at the Miami Rowing Club on Key Biscayne to put in 1 1/2 hours of daily training. Members started to drop out due to the regimented training schedule and the practice times. Others, who lived on the North Miami Campus, were unable to get transportation to practice every day.

But Coach Ernie Castro, an FIU student who has been involved in rowing for a dozen years, knew the only way to get competitive with the top teams was to practice as hard as any of them.

"It is an extremely competitive sport," Castro said. "You can't call time outs in the middle of a race. Once you start, you go until the finish."

Castro knows what it takes to win. He coached five years of high school rowing at the Miami Rowing Club, leading his teams to five state championships and one national title. When Athletics Director Dick Young went to the Miami Rowing Club looking for a coach for the FIU team, it was Castro who was highly recommended.

The FIU team was able to get a boost from the Miami Rowing Club. They lent the FIU team the boats and oars necessary to practice, the use of their facility and even helped transport the FIU boat to the different meets.

The crew team practiced for six months before it raced competitively for the first time. They raced a few times last spring and worked hard again last fall to prepare

for this spring season.

Last month, at the Florida Crew Classic in Gainesville, Coach Castro and his group finally reaped the rewards of all their dawn practices.

The Novice Four Crew and Junior Varsity Eight both won their respective races, the first medals for the FIU crew team — ever. Not only did the Novice Four capture first place, but its time of 7 minutes and 45 seconds was the fastest of all four-man crews the entire day, regardless of division (novice, junior varsity, varsity and open).

FIU plans on racing four more times this spring, mostly within the state, but may take a trip to Philadelphia for the Dad Vail Regatta, one of the top races in the East.

The team currently has 12 members, who must pay their way to every meet. There are no training tables, scholarships, or even travel meal money for the FIU crew team, as there are with other varsity sports. This is a club team, but you can't tell by the workout habits.

One practice per day is enough for any team, but the crew team practiced twice per day during spring break. Each day, the team would go through either a land workout or water workout. A land workout would consist of running stairs, a 3-4 mile run and physical exercises. A water workout would consist of a light stroke workout, followed by 500 meter sprints in the boat and two to three sets of 20 minutes of continuous power rowing.

The University pays for the team's entry fee and provides the use of school vans for the team to get to and from practice.

The FIU crew team now has one boat, which was purchased by the FIU Student Government Association. With the continued improvement of all the individuals on the team, a bright future lies ahead for the FIU crew team.



The crew team trains as often as six times a week in rigorous practice sessions on Biscayne Bay.

### Florida International University

Division of University Relations and Development  
University Park  
Miami, FL 33199

The Division of University Relations and Development publishes *INSIDE* for FIU faculty and staff each month of the academic year. FIU is an Equal Opportunity/Equal Access Employer and Institution.

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

Non Profit Org.  
U.S. Postage PAID  
Miami, FL 33199  
Permit No. 3675