Alonso Heads FITRE

Dr. Marcelo Alonso, an internationally known nuclear physicist and official of the Organization of American States (OAS) for two decades, has been named executive director of the newly activated Florida Institute of Technology Research Engineering Inc. (FITRE).

In his new past, Dr. Alonso will guide the activation of the university organization to provide technical and engineering support to industry and government agencies on a project and consultant basis.

"FITRE is service oriented, not academically oriented," Alonso explained. "Initially we are relying strictly on the capabilities of the faculty. Our intention is to eventually create a parallel organization with its own staff."

In the immediate future, FITRE is to concern itself with research and assistance programs centered on the science, engineering, and technology of oceanography, inland water resources, energy and computers.

"We are planning to operate not only at the national level but at the international level as well," said Alonso, a respected member of the world scientific community.

In leading FITRE's development, Alonso will rely on professional experience that includes 20 years of directing science and technology programs for the Organization of American States. The work entailed annually overseeing $10 million worth of research activities conducted in Latin America.

Alonso, also a former professor at Georgetown University, has authored several books on advanced physics. His writings have been translated into 10 languages.

Interests have centered on the relationship of energy policies and economic development.

New Home

Dec Dee Panzelli, director of the relocated Academic Computer Center, poses with the machinery and with student assistant Dominick Di Guihni. Story on Page Three.

Everette Guides Flight Technology

Ed Everette, a pilot and flight instructor who has logged about 10,000 air hours, has been named head of the Flight Technology Department at the School of Aeronautics. He succeeds Curtis Truver in the post.

Everette's prime responsibility will be seeing that about 800 students receive instruction in air operations courses such as weather, navigation, engines and aircraft performance.

Everette, who received his MBA from FIT, is a long-standing member of the Aeronautics adjunct faculty and is experienced in the flying of 26 types of aircraft. A 22-year veteran of the Air Force, he commanded tactical flying organizations including a unit assigned to Thailand during the Vietnam War.

Staff assignments in the Air Force Everette commutes to the university from Cocoa Beach, where he and his wife, Ada, enjoy waterfront living.

Student Population Increases

Overall enrollment in university programs grew by 11 percent for the fall semester as compared to enrollment a year earlier.

The student population at Melbourne stood at 3,959, out of a total university enrollment of 5,848. Another 697 students were enrolled at the Jensen Beach campus, and 1,192 were involved in graduate studies the university offers at sites in several states.

"The overall enrollment met our expectations," said Dr. Barry Fullerton, vice president for student affairs.

At Melbourne, enrollment of full-time undergraduate students in the schools of Science and Engineering, Management Continued on Page Three
Campus Notes

The September issue of "Management World," the official publication of the Administrative Management Association, included an article written by Dr. Jack Gayle and Dr. Bob Searle. In their article, "Maslow, Motivation and the Manager," the management professors reviewed research in the area of employee motivation and discussed the implication of existing theories on management policies.

Dr. Norbert W. O'Hara, member of the Sea Grant Association's Executive Committee, is pleased to announce that F.I.T.'s recent designation as a member of the Sea Grant College System was formally announced at the Annual Sea Grant Conference. In addition, Dr. O'Hara's recent Sea Grant publication, entitled "Identification of Florida Marine Related Organizations," can be obtained through the office of Sea Grant at the University of Florida.

Drs. Jerome H. Smith and Dean S. Folsom of the University of Texas Medical Branch, Galveston, recently visited the Medical Research Institute to confer with Drs. Aydin M. Dhole, Joseph A. Ziegler, and Eleanor E. Storrs on the pathology of leprosy in armadillos. They are collaborating on an F.I.T. program sponsored by the National Institute of Allergy and Infectious Diseases. Drs. Smith and Folsom were the first investigators to independently confirm the findings of Dr. Storrs and her collaborators that a leprosy-like disease occurs naturally in wild armadillos in Louisiana.

Dr. Judy Henson has been promoted to Associate Director of Public Services, overseeing the work done in the circulation and reference departments.

Pam Hobson has been promoted to Associate Director of Technical Services and will oversee the technical processing of the books at Melbourne, Jensen Beach, and M.R.I.

Sally Hatton, senior technican for cataloging, completed 15 years of service in the library recently.

Diane Steward, library clerk for the circulation department, married Shabir Shahrooz on October 14 in the F.I.T. Gardens.

Jack Schwabale of Civil Engineering was workshop chairman at the Annual Meeting of the Society for Experimental Stress Analysis, recently held in Ft. Lauderdale. Workshops which were conducted were: strain gauges in extreme environments, acoustic emission technology, and organizing strain gauge technical training programs. Schwabale was also honored to be asked to serve on the Technical Committee on Strain Gauges.

Since the fall term started, library reference staff members Rita Carmona-Treger and Joan LeMoey have presented a seminar on library resources to new environmental science graduate students. Also given were a seminar on computer literature searches and a presentation on basic engineering materials to freshmen engineering students. All reference staff members have taken turns giving orientation tours to writing class students.

Dr. Roger Manley, department head of Management Science, recently gave an address entitled "Occupational Stress: Causes, Symptoms and Stress Management Techniques." The talk was given to approximately 120 Department of Defense personnel at the Equal Opportunity Management Institute at Patrick AFB.

Dr. John C. Hozier, assistant professor of Biological Sciences, attended the Human Mutation Conference at Albany, N.Y., and the annual meeting of the American Society of Human Genetics in New York City. Dr. Hozier and staff members of the Cytogenetics Laboratory are participating in an epidemiologic survey of families with high incidences of kidney cancer. The study, funded by the National Cancer Institute, is being conducted in collaboration with the University of Minnesota Medical School. The investigators are looking for carriers of chromosome defects that may be associated with hereditary kidney carcinoma.

Welcome To F.I.T.

Dr. Alan R. Rice has joined Oceanography and Ocean Engineering as an assistant professor, and will be working primarily with the ocean engineering program. Dr. Rice holds a B.S., M.S., and D.E. Sc., degree in nuclear Engineering from Columbia University. He comes to F.I.T. from the Department of Ocean Engineering, University of Newcastle upon Tyne, England. His research interests center on geophysical fluid dynamics, the development of marine seabed penetrometers, and the disposal of radioactive wastes at sea.

Dr. Charles T. Fulton has joined Mathematical Sciences as associate professor of mathematics. He comes to the university from Pennsylvania State University with earlier faculty experience at the University of New Mexico and Northern Illinois University. Dr. Fulton has a B.A. from the University of Redlands, and M.S. from the University of Minnesota and the Dr. rer. nat. from Rheinisch-Westfalsiche Technische Hochschule Aachen in West Germany.

Three new faculty members at the School of Aeronautics have been announced by Dean Lauderdale.

Richard D. McCreary, with a Master's degree in transportation from the University of Pittsburgh, has a distinguished flying background in all types of aircraft including heavy four-engine transports. He is a specialist in surface transportation modes as well as air. He was a freight traffic analyst with the Southern Pacific Railroad and was with the Pennsylvania Department of Highways in traffic management. "Mac," his wife and daughter live at the beach in Indialantic.

Pierre (Petru) A. Tisdale, with a B.S. from the Military Academy and a M.S. from Florida State in R & D management, joined the adjunct faculty in 1976. His experience as a mathematics instructor at West Point serves the faculty well with presenting its aviation mathematics courses. Pete is also a heavy four-engine recip and jet pilot, and well qualified to teach all School of Aeronautics air operations courses. Pete and his family are also beach dwellers.

Dan Carson, with a B.B.A. from Florida Atlantic and an MBA from F.I.T., brings to the School of Aeronautics faculty savoir faire of the commercial airline industry. He is a licensed flight engineer and authorized by the FAA to conduct the flight engineer certification program. He also teaches aviation business courses using the knowledge he gained as a businessman in the Miami area. Dan, wife Gail, and the five little Carsons live in a waterfront residence in Indialantic.

Sandra E. Lawson, is the new administrative secretary in the Office of the President. A native of Roanoke, Va., she has been in Florida for almost two years. Prior to joining F.I.T. she was a "Grey Lady," in the American Red Cross "Apple Corp." Before moving to Florida, she worked for Virginia's Health and Welfare offices for more than six years. Sandra was also a member of the Shenandoah Chapter. American Business Women's Association for five years and served on its executive board for two. In her spare time, she taught office skills with a federal/state funded social service program and taught yoga at the YWCA.

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Public Relations Department
Continued from Page One

Enrollment Figures Show Increases

The number of graduate students at Melbourne dipped slightly to 263 in the fulltime category, but part-time seekers of master's and doctor's degrees jumped a dramatic 21 percent to 794 students. The most rapid growth in university information was marked by Off-Campus Programs, where a gain of 387 students to an enrollment of 1,192 figured to a whopping 48 percent increase.

The program features graduate-level education centers at military bases in eight states, as well as sites to serve industry and government in Florida. At the Jensen Beach campus, site of the university's School of Applied Technology, the number of fulltime undergraduate students declined by nine percent to 591. The number of part-time students, however, increased eight percent to 106.

Car Wash!

By Pam Smith
Lambda Chi Alpha, an F.I.T. fraternity, raised over $900 during a World Record Attempt Marathon Car Wash on October 8-11. The attempt was staged to benefit the Happy Landings Boy's Ranch, which is a juvenile rehabilitation center located in South Brevard.

President Keuper officially opened the car wash with a ribbon-cutting ceremony. The car wash was held at the New Haven Chevron Service Station at the intersection of Babcock Street and New Haven Avenue.

A new world record had been set by 4 p.m. on Sunday, Oct. 11. In all, 777 cars had been washed over a period of 72 hours by the Lambda Chi Alpha brothers and some of their friends. The fraternity will also seek recognition of a one-day wash record of 211 vehicles.

Lambda Chi Alpha would like to express their deep appreciation and thanks to members of the university community who made the car wash a huge success.

Sebastian Inlet Study Target

The grass beds and fish life of Sebastian Inlet on Florida's East Coast are the targets of a research project recently assigned graduate student Mark Peterson by the elected caretakers of the waterway.

Peterson, majoring in bio-environmental oceanography in the Department of Oceanography and Ocean Engineering, is to conduct the work on behalf of the Sebastian Inlet Tax District Commission.

The inlet commission has awarded F.I.T. $3,000 to pay for Peterson's study, that amount matched by $3,000 from the university.

A special target of Peterson's work will be the Gobies, a bottom feeding fish that frequents grass beds along the inlet's sides. The fish, also known as "gobies," grow only to a half-inch to an inch in length. But they are considered important food sources for game fish.

The inlet, located about 20 miles south of Melbourne, connects the Indian River with the Atlantic Ocean. The man-made waterway is the site of Florida's busiest state recreation area, and is one of the state's most popular fishing spots.

"What I'm trying to show is the importance of these fish in the entire food web of the area," Peterson said. "They are fed on by many higher classes of fish," he explained. But scientific information on the gobies is scarce.

Peterson, a West Melbourne resident, will conduct the research in conjunction with work on his master's degree thesis. He is being assisted in his graduate work by Dr. Terrell Roberts, F.I.T., professor of oceanography, and Dr. R. Grant Gurnell, an adjunct faculty member who works with the Harbour Branch Foundation at Fort Pierce.

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Hadjilogiou Is Appointed

The appointment of Dr. John Hadjilogiou as acting head of the departments of electrical and computer engineering has been announced by Dr. Andrew W. Revay Jr., dean of the School of Science and Engineering.

Dr. Revay said Dr. Hadjilogiou, a professor of electrical and computer engineering who joined the FIT faculty in 1970, has agreed to serve in the post for the current academic year.

"John's leadership, dedication, and extensive experience will serve the department well," Dr. Revay said of the appointment.

Dr. John Hadjilogiou

Dr. Hadjilogiou joined the university after receiving the Ph.D. in electrical engineering from Polytechnic Institute of Brooklyn. He also earned his bachelor's and master's degrees from Polytechnic Institute.

An active researcher, Dr. Hadjilogiou spent 10 weeks during the past summer working on a military research project at Williams AFB, Arizona.

Grant to MRI

Dr. Arvind M. Dhople of The Medical Research Institute has been awarded a grant of $15,000 from the Initiative Fund of the Director of the Special Program for Research and Training in Tropical Diseases of World Health Organization.

The fund is used exclusively to start new research programs to control leprosy, malaria, filariasis, schistosomiasis, trypanosomiasis, and leishmaniasis.

Dr. Dhople is developing a bioluminescent technique for the diagnosis of leprosy. The technique involves the measurement of adenosine triphosphate (ATP), which is a prime energy source in all living organisms.

Currently he is working with Dr. Eleanor E. Storra in applying the technique to armadillos infected with human leprosy.

In the near future Dr. Dhople will initiate similar studies on human patients in collaboration with leprologists from Argentinian, Brazil, and India who have agreed to participate in the program.

The technique will make it possible for the first time to measure rapidly the effectiveness of drugs in killing leprosy bacteria in armadillos and human patients.

Dr. Dhople's work is also being supported by the Victor Heiser Foundation.