

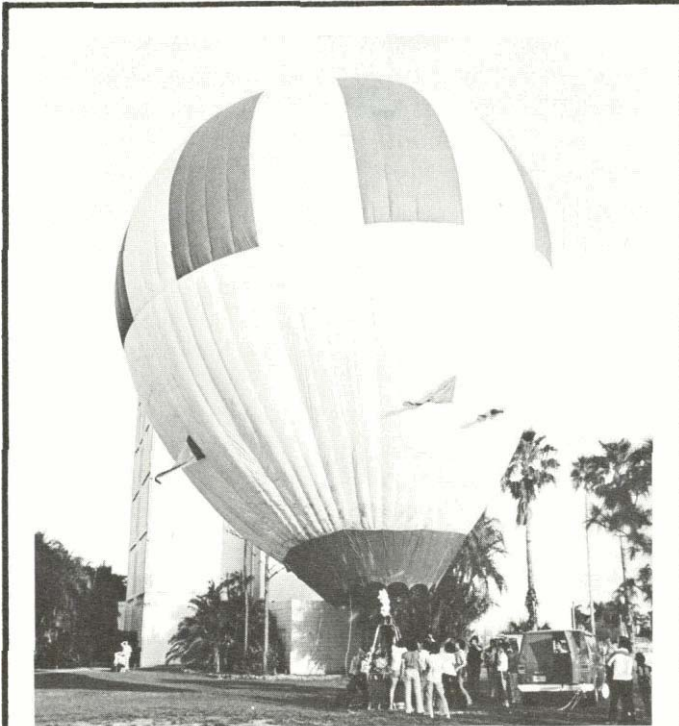
# The Pelican

A Newsletter for the F.I.T. Family

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NO. 3



## CELEBRATION TAKES WING

The 1980 version of Science and Engineering Week and related activities included the short flight of a hot-air balloon above the campus. Student work provided a strong backbone for the week of activities, led by officers of the student branch of IEEE -- Lee Zaretsky, Bill Whitney, Bob Landreneau and Ken Stoddart. Photos on the back page of Pelican highlight successful faculty-student-visitor events that include "Parents Under The Palms" and Alumni-Faculty Day.

## Education Grant Given

A \$22,500 grant from the National Science Foundation to support F.I.T. summer programs for Florida secondary teachers in field ecology and field geology was recently accepted by Dr. Robert Fronk, head of the Science Education Department.

Dr. Fronk accepted the funding at a program director's meeting in Dallas. The support brings to more than \$121,000 from the NSF to aid such programs at F.I.T.

The three-week summer program will involve six all-day field trips in ecology, and an equal number in geology. A pair of all-day seminars will also be held, offered to 30 teachers who will arrive on campus June 16.

Dr. Fronk said the science education department hopes to continue funded programs each summer in addition to other special institutes for teachers. For the summer of 1980, seven such programs are planned.

## Campbell Chair Created

The establishment of the Campbell Chair of Aviation by Florida Institute of Technology to honor Stuart M. Campbell of Vero Beach has been announced by President Keuper.

The first such honor extended by the university, the chair was established in recognition of Mr. Campbell's long association with aviation and his dedication to private enterprise and the training of general aviation pilots.

For several years, Mr. Campbell commuted between his home and the Melbourne Regional Airport, where he operated Campbell Aviation. The site is now home of the F.I.T. School of Aeronautics, where some 400 students fly 40,000 hours annually -- the equivalent of 160 times around the world.

Mr. Campbell, a former Vero Beach city councilman, was honored by Dr. Keuper at a luncheon.

## Constantine Is Selected

The selection of James R. Constantine to fill the Campbell Chair of Aviation through September 1, 1981, has been announced by President Keuper.

The selection was based on a recommendation of the School of Aeronautics faculty and concurred in by department heads and Dean Lauderbaugh.

Constantine has served as an adjunct professor since the inception of the Aeronautics program. The esteem in which he is held is attested to by the demonstrated admiration of his peers and the student body.

He is a graduate of the University of Maryland and the U. S. Naval Post Graduate School. Captain Constantine is a retired naval aviator and served as Air Officer of the super-carrier Franklin D. Roosevelt. His many hours of flying some of the most sophisticated aircraft in the world is reflected in the quality of professionalism he brings to the classroom.

Constantine was selected because of his many contributions in course design and development and for the success of the popular program, "Training with Industry."

In addition, through his own efforts to help graduates, he has maintained one of the most complete lists of graduates of the Aeronautics program. "If you have lost track of your friends, write to Professor Jim" they say.

Constantine was honored at a luncheon given by President Keuper.

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# Notes Campus Notes Campus Notes Campus Notes Ca

Dr. George C. Webster, head of Biological Sciences, had a paper entitled "Decreased Protein Synthesis by Microsomes from Aging *Drosophila melanogaster*" published in the current issue of "Experimental Gerontology."

Dr. Glenn M. Cohen, associate professor of Biological Sciences, and his doctoral students, J. C. Park and C. D. **Fermin**, attended the international meeting of the Association for Research in Otolaryngology held recently in St. Petersburg Beach.

Dr. Cohen presented his laboratory's recent findings on pre-natal hearing impairment caused by kanamycin. Mr. Fermin presented a paper on the structure of nerves that carry balance information to the brain, work he performed in Dr. Igarashi's laboratory at **Baylor** University Medical School, Houston, Texas.

Dr. John C. Hozier, assistant professor of Biological Sciences, has received continuing research support from the Environmental Protection Agency for the development of a new mutagenesis assay system. The EPA hopes the new test will distinguish different types of chromosome damage caused by environmental exposure to mutagens and carcinogens.

Elizabeth Du Goff, **Vallie** Joyner and Lucille **Perrin** recently attended a workshop on "Serials and Budgets" presented by the Florida Library Association. The workshop was held at the University of South Florida.

Dr. **Pieter S. Dubbelday** of Physics and Space Sciences is to deliver a paper on "Application of Ferrofluids as an Acoustic Transducer Material" at the Second Annual Conference on Magnetic Fluids at Orlando in late March.

Dr. T. Roger **Manley**, professor of management and organizational psychology, co-authored a paper on "An Empirical Examination of the Moskos **Institution-Occupation Model**," published in the winter issue of "Armed Forces and Society." **AF&S** is an international journal of military sociology, based at the University of Chicago.

Dr. **Manley** also recently delivered a lecture on "Stress: The Disease of Our Times," to students and faculty of the Defense Equal Opportunity Management Institute.

Dr. Frank **DeSua** has been appointed chairman of undergraduate mathematics, and Dr. Stephen **Gerig** has been appointed chairman of graduate mathematics in the Mathematical Sciences Department.

Dr. Frederick B. **Buoni** has been appointed chairman of the Operations Research Program. This program, offered by the Department of Mathematical Sciences, deals with the analysis, modeling and simulation of commercial, industrial and governmental operations.

Dr. Richard Pierce, associate professor of oceanography, has been appointed to the Petrochemical Project Advisory Group for the National Marine Fisheries Service. Dr. Pierce, along with three other scientists from the University of New Orleans, University of Texas and the University of Nevada, will be **responsible** for establishing **analytical** methods and **evaluating** research projects regarding the impact of

petroleum pollution on marine fisheries products in the Mid- and South-Atlantic Ocean.

Mrs. Margot Haberhern, assistant professor of English, recently delivered a paper titled "Reflections on the Alexandria Quartet" at the fifth annual conference on literature and film held at Florida State University.

Dr. Frank **Webbe** recently addressed a meeting of the Space Coast Dietetic Association. His topic was "Behavioral Control of Obesity."

Dr. Charles **Corman** and Dr. Elizabeth Wolf attended the recent annual meeting of the Council of Graduate Departments of Psychology in Orlando.



## Heidinger Visits Italy for Rotary

Italy will be the destination of Bob Heidinger as he departs F.I.T. in late March for a one-month journey sponsored by the International Foundation of International Rotary Clubs.

Heidinger, director of admissions, placement and co-op programs, is one of five Floridians selected for the trip to Italy.

"These are good will exchange visits," explained Dr. Arthur Kimball, director of F.I.T. alumni relations and a Rotarian. "We were quite pleased that he was selected."

Dr. **Athur Gutman** spoke at a recent **WENDI** program meeting on the subject of the misuse of punishment with children.

Dr. Thomas **Harrell** recently spoke on test anxiety as part of the **FRESH** study skills program.

Dr. George Moreau and Ms. Barbara **Tomalo** presented a 14-week smoking clinic for faculty, staff, and students. Results were so positive that another clinic is planned for the near future.

The Psychology Colloquium Series and the Psychology Students Organization sponsored recent talks by two distinguished psychologists. Dr. David Thomas of the University of Colorado spoke on the "Experimental Analysis of Temporal-sequential Behavior." Dr. Henry Ellis of the University of New Mexico spoke on "Coding Strategies in Memory."

Dr. Joe Carter and Dr. Barry **Fullerton** were recent guest speakers at the Junior Classical League of Florida conference, held in Gleason Auditorium.

I. A. **Lauderbaugh**, Dean of the School of Aeronautics, has been appointed to serve on the evaluation team for overseas programs of the U. S. Air Force Community College. He will join other members of the evaluating team in March, working in Germany and England.

Dr. Ed F. **Strother** served as program chairman of the recent "Advances in Aerospace Technology" symposium held at F.I.T. The symposium was sponsored by the Cape Canaveral chapter of the American Institute of **Aeronautics** and Astronautics.

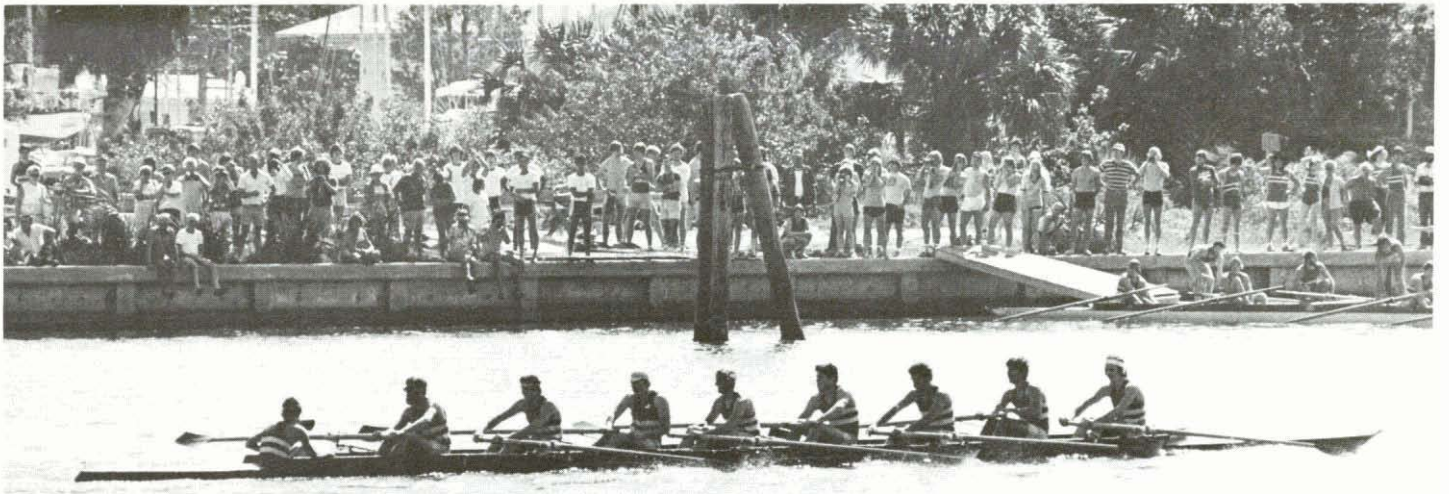
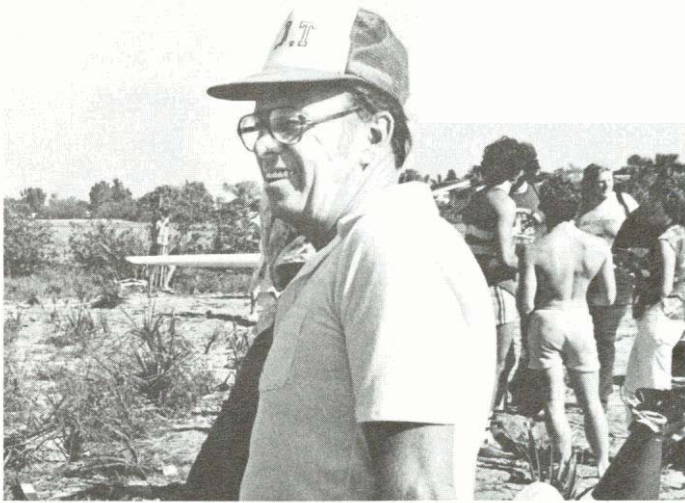
# Keuper Regatta Held

The Keuper Cup Regatta, the **first** in what is to become an annual rowing competition hosted by F.I.T., was held March 8 with the university finishing first in all events.

The Olympic-distance (2000 meter) competition was held in the Banana River at Indian Harbour Beach.

"The Jerome P. Keuper Cup, named in honor of F.I.T.'s president and founder, was inaugurated by the university's Rowing Association," said Coach Bill Jurgens.

The initial cup competition saw F.I.T. defeating the University of Alabama, the University of Central Florida, and the University of Tampa.



## Dr. Simmons Joins M.R.I.

The appointment of Dr. M. L. Simmons, D.V.M., as research professor and head of the Florida Institute of Technology Medical Research Institute's Division of Comparative Medicine has been announced by Dr. John E. Miller, vice president for academic affairs and executive vice president.

Dr. Simmons is an international authority on laboratory animal care and comparative medicine. A veterinary medicine graduate from Washington State University with studies in chemistry, he was formerly director of the Department of Laboratory Animal Medicine and Science in the National Cancer Institute of the National Institutes of Health.

## Dr. Buoni Aids ANS

Dr. Frederick B. Buoni of Mathematical Sciences, currently chairman of the Florida section of the American Nuclear Society, has been named coordinator for the Southeast United States for ANS support of the National Issues Forum "Energy and the Way We Live."

Participating colleges, including F.I.T., are sponsoring the forums.

Dr. Buoni is working with the nuclear scientists and engineers to ensure that nuclear energy contributions are adequately and accurately presented.

The Keuper Cup Regatta gets the attention of President Keuper, above left, while varsity crew members provide a winning effort for spectators.

## Join Energy Talks

A university-sponsored community forum on "Energy and the Way We Live" has been set for Thursday, April 3, in Gleason Auditorium.

Current energy problems, future energy alternatives and conservation of energy are topics for the 7 to 10 p.m. meeting.

Energy experts from F.I.T., business, government and the community are to gather for the forum, part of a national program to air views on the country's energy situation.

Coordinating the event is Donna Valentino, working through the Science Education Department. Everyone is invited.

## Rental Homes Available

Business Manager Edward T. Baydala has announced that F.I.T. employees will be given preference in the leasing of 14 university-owned homes in the vicinity of the campus.

Persons interested in leasing the homes as they become available should contact the business manager.



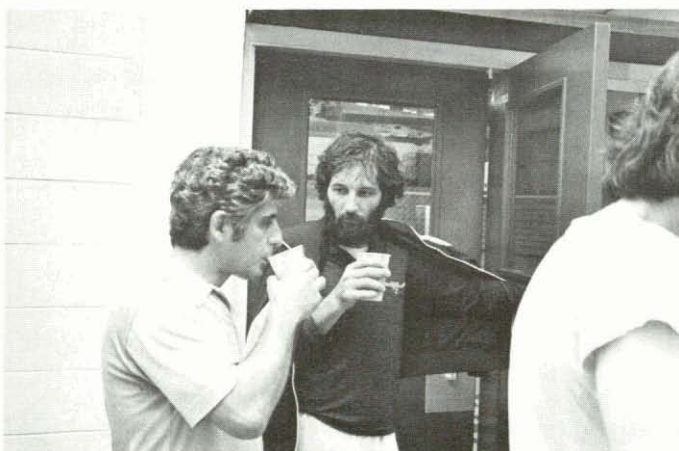
**Captain Jack Morton** is the host for **cruises on** the Indian River.



Dee Dee Pannell, **standing**, has the aid of **students** in smoothing the **arrival** of "Parents Under the Palms" participants.



The **Alumni Day dinner** was a highlight for returning graduates.



**Dr. Ed Kalajian**, left, and **Dave Clay** take a **break** after **volleyball** action that **featured** faculty, alumni and students.



**Science and Engineering Week** displays in the **Student Union Building** drew both students and visitors.



**Dr. Joe Carter**, center, and **Dr. Tom Bowman** field questions from **Mrs. Jane Holberger**, one of the many parents who joined campus activities.