



The Pelican

A Newsletter for the F.I.T. Family

VOLUME V

NOVEMBER 1978

NUMBER 10

F.I.T. TOP TEAM IN FLIGHT TOURNEY

The F.I.T. School of Aeronautics Flying Team scooped up the awards in the Annual Flying Tournament November 17 and 18, and became the first place team in the 9th region. Their victory put Auburn University, last year's winner, in the number two spot, with Miami-Dade Community College coming in third.

The tournament took place in home territory as F.I.T. hosted the flight schools of the Southeast at the Melbourne Regional Airport. Preliminary ground competition began Friday with the F.I.T. team taking first and second place in the simulator event, first and third in aircraft recognition, and first and second in the aircraft pre-flight events. Actual flight contests took place the following morning with the F.I.T. team ranking first in the power-off landings, second in the message-drop accuracy, and third in the power-on landings.

The winning F.I.T. flight team will now go on to represent the 9th region in the national flying tournament which will be held next May in Monroe, Louisiana.

JB SOCCER TEAM IN PLAYOFF

F.I.T. Jensen Beach's improved soccer team has received an invitation to compete in the National Association of Intercollegiate Athletics (N.A.I.A.) District 25 championship. The "Spurs" will compete against a Georgia representative to determine the District 25 champion. The winner will move to the area playoffs which include North Carolina, South Carolina, and Alabama.

The "Spurs" received the nod after compiling a 5-7 record against some of the top teams in the state. Playing tough competition is a way to improve and the "Spurs" have been improving all season. This was demonstrated by the "Spurs" winning three of their last five games, including a surprising 4-1 upset of **F.I.T.-Melbourne**. Coach Pete Navaretta considers the Jensen Beach team to be stronger now than a month ago. Navaretta has amassed a **49-24-2** record in six years of coaching the team. "It would be nice to get the 50th win in the district championship game," Navaretta said. The "Spurs" have begun to generate some fire power, scoring 17 goals in five games. Other aspects of **their game** have improved tremendously.

DONOR RECOGNITION BANQUET HUGE SUCCESS



Dr. Edward Teller, flanked by Mr. James E. Lyons, chairman of the F.I.T. Board of Trustees (left) and Dr. Jerome P. Keuper, president of F.I.T., addressed the guests at the university's 20th Anniversary Donor Recognition Banquet. [Mom photos of the event, Page 6]

Past donors who have given most significantly to the university since its founding in 1958 were honored at a special 20th anniversary year banquet on Monday, November 13.

F.I.T. President Jerome P. Keuper and Chairman James E. Lyons, representing the F.I.T. Board of Trustees, presented special awards to presidents of corporations, presidents of foundations and to individual donors in recognition of their contributions to the university.

Dr. Edward Teller, internationally known scientist and educator, was the guest speaker for the occasion. He impressed the group with his revealing remarks.

Teller emphasized the point that an anti-technology attitude has the United States on the way to becoming an underdeveloped nation. He said a **lagging** emphasis on **technological** education is responsible for the country's increasing trade deficit, falling behind the Soviet Union in terms of military strength, and an inability to develop a viable solution to its energy shortage.

Dr. Teller who travels extensively speaking out in favor of peaceful uses of nuclear energy, credited Florida Institute of Technology for training needed technologists.

"Where M.I.T. has failed, F.I.T. can take over," he told the audience, praising hundreds of persons who have contributed to the Melbourne university's growth in its 20 year history.

[Continued on Page 21]

Campus Notes



SSG John M. **Lanahan** is retiring from the U.S. Army after twenty years of active service. During this period of time, he has had assignments in Japan, Korea, Thailand, Vietnam and various installations throughout the United States. For the last two years he has been the Supply Sergeant for the ROTC Department here at Florida Institute of Technology.

He and his wife Darin, and their one son Michael, age 1, will be moving to Orlando, Florida where he has taken employment with Disney World as a logistics specialist for the City of Lake Buena Vista, Florida.

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Dr. Thomas E. Bowman, mechanical engineering, has been named "Lead Scientist" for a liquid reorientation experiment to be performed in **Spacelab** (NASA Space Shuttle). This experiment is one of five identified for a Two-Phase Fluid Mechanics and Heat Transfer Facility being designed for NASA Lewis Research Center by **General Dynamics/Convair, San Diego**. The **non-NASA** Lead Scientists who have **been** designated for three of the five experiments will be serving as consultants to General Dynamics on the overall facility conceptual design.

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Rita **Carmona** from the main library's reference staff, Pamela Daniels, M.R.I. librarian, and Louise Jenkins from the computer center, attended a workshop on Exerpta Medica in Gainesville on November 7. Exerpta Medica is a data base in the **Lockheed** system.

* * * * *

Dr. N. W. **O'Hara**, Oceanography and Ocean Engineering, presented two papers at the Geological Society of America International Conference in Toronto last month. The **first** was on the Gravity, Magnetism and Basement Lithology of the Great Lakes Region and the second dealt with the Society of Exploration **Geophysicists/U.S.** Geological Survey Gravity Anomaly Map Program of which he is the committee chairman. **O'Hara** also traveled to San Francisco to **present** papers on the progress of the U.S. and North American gravity maps, and the use of a shallow depth method of measuring heat flow in a geothermal area at the Society of Exploration Geophysicists Annual Conference.

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Diane Barile, Center for Coastal Zone Research, was selected to present a paper on "Methods for Wetland Mapping Ground Truth to **LANDSAT** Imagery Analysis" at the 14th Annual American Water Resources Conference at Disney World Village November 7, 1978. Diane was also granted funding by Florida Sea Grant, a division of the

Department of Commerce, for a coastal awareness and education program. The funding of \$26,000 represents one year of a two year \$50,000 project.

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Pam Daniels, Vallie Joyner, Barbara Rittinger, Lucille Perrin and **Joan LeMosy**, all library staff members, went to a workshop sponsored by the Florida Chapter of Special Libraries Association. The workshop, held at the Holiday Inn on Hutchison Island, was entitled "A Systems Approach to Increasing the Efficiency of Non-computerized Library Procedures."

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Maureen Mondor, registrar's office, has recently **been** promoted to supervisor of the registrar's terminal center. Prior to this, Maureen worked for two years as the senior records clerk. She is presently working on her degree in psychology at B.C.C. Should you need to contact Maureen, her new extension is 319.



shopping days left till Christmas!

DONOR RECOGNITION BANQUET HUGE SUCCESS

[Continued from Page 11]

"If the U.S. can't hold its own, it won't be your fault." Teller said, "You have taken the initiative where initiative was desperately needed."

Forty-six plaques were presented at the banquet held at the Port **Malabar** Country Club in Palm Bay.

President Keuper, who saluted the donors on behalf of **F.I.T.'s 5,000** plus graduates, said more than **10 million** dollars have been donated to the university since it was established in **1958**.

NOTICE

Plans are underway for the Institute of Electrical and Electronics Engineers' Week February **12-17**. The student chapter of **IEEE** is appealing to professors and **students for ideas** on guest **speakers, displays, lectures, and tours**. Please **call** Dr. Marvin D. Drake, Electrical Engineering Department, extension **214**.

NEW BOARD MEMBERS

Two prominent Floridians have been appointed to F.I.T.'s Board of Trustees. Approval action was made November 2 at a regularly scheduled meeting of the Board and announced by Dr. Jerome P. Keuper.

The new members are: Richard H. Anschutz of Tequesta, Florida, executive assistant to the president of Pratt and Whitney Aircraft Government Products Division, Palm Beach, Florida and James E. Matthews of Winter Park, Florida, president of International Flight Research Corporation.

Anschutz was vice president for Advanced Systems and Programs for that division of the United Technologies Corporation from 1976 to 1978. Pratt and Whitney Aircraft is the largest supplier of advanced military aircraft engines, serving the United States Government and other free world nations.

From 1960 through 1973, Anschutz was program manager for Pratt and Whitney Aircraft's RL10 engine, the world's first liquid hydrogen - liquid oxygen rocket engine.

He received a mechanical engineering degree from Worcester Polytechnic Institute in 1945 and served as an officer in the U. S. Navy for the following two years.

Anschutz is a former town commissioner and vice-mayor of Jupiter Inlet Colony, Florida and remains active in civic and community affairs in the Jupiter-Tequesta area.



Richard H. Anschutz

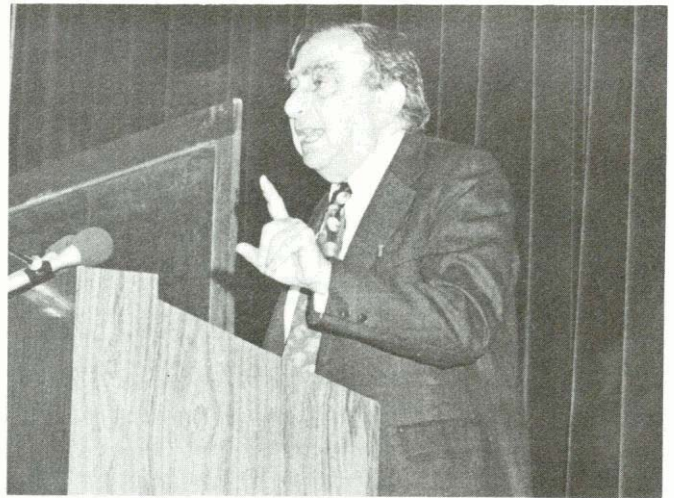


James E. Matthews

James E. **Matthews** brings to the board a strong background in business, aviation, and flight research. A graduate of **Cornell** University's Executive Development School and Graduate School of Business. **Matthews** developed an early interest in aviation and joined Eastern Airlines as a pilot in 1951. He remained with that airline until 1968.

In 1968, **Matthews** resigned from Eastern to devote his full attention to companies he had formed at an earlier date. Foremost among them was **Caymen** Petroleum. Ltd.

He incorporated the International Flight Research Corporation in 1970 and is presently the **president and board chairman of that corporation** as well as Flight **Test** International, Inc. Both are based in Winter Park, Florida.



DR. TELLER ADDRESSES FRESHMEN

Dr. Edward Teller, renowned physicist and educator, lectured the freshman class Tuesday, November 14, following his appearance at the F.I.T. Donor Recognition Banquet the evening before. Aided by his blackboard diagrams and armed with his sharp wit and sense of humor, Dr. Teller entertained and enlightened the group on the ironies of modern physics. Dr. Teller discussed Einstein's theory of relativity, illustrated the Pythagoras theorem, and teased the audience with definitions of distance.

Born in Budapest, Hungary in 1908, Dr. Teller came to the United States in 1935. He is best known in America for his work on the atomic and hydrogen bombs. Along with Enrico Fermi, J. Robert Oppenheimer, and Sir John **Cockroft**, Dr. Teller is one of the four fundamental world contributors to the science of nuclear energy. He is vitally interested in peacetime applications of nuclear explosives and the value of nuclear reactor programs to the energy supply of the country.

Winner of the Enrico Fermi Award in 1962, as well as the Ernest O. Lawrence Award from the president of the United States, Dr. Teller is presently consultant to the Lawrence Laboratory at Livermore, California.

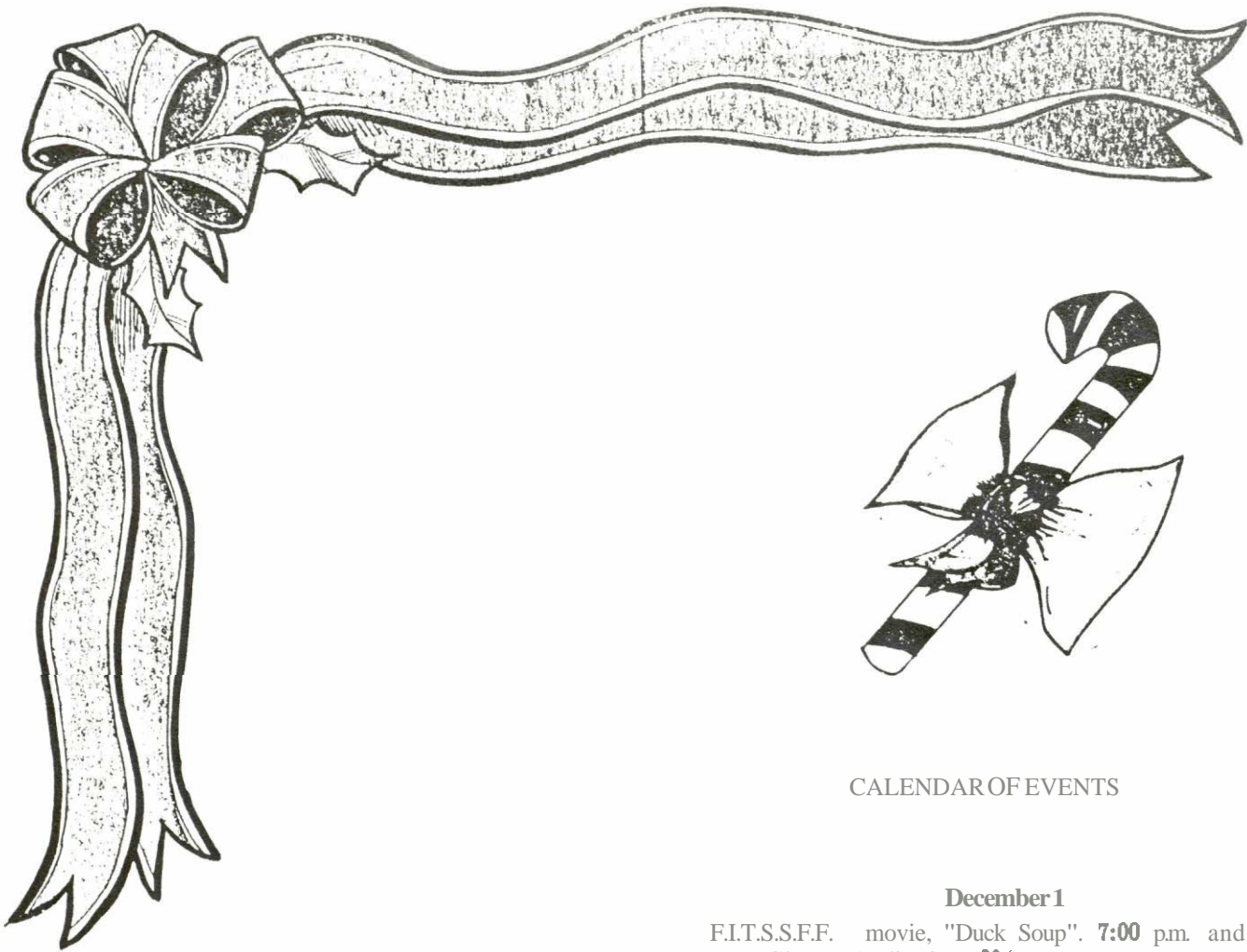
DENT SMITH DONATES PALMS TO F.I.T.

F.I.T. has received a gift of rare palms valued at several thousand dollars from Dent Smith of Daytona Beach, an avid palm collector and founder of The Palm Society.

Most outstanding specimen in the collection is a magnificent Cuban Petticoat Palm (*Copernicia Macroglossa*) which is now planted in the university's botanical garden near the entrance. In the same area, at the beginning of the Dent Smith Trail, is another rare and interesting palm from Cuba, the Grandfather Palm (*Coccothrinax Crinita*.)

President Keuper pointed out that, "The Petticoat Palm is outstanding in the palm world because it produces single large leaves which completely encircle the tree and has essentially no petioles. In time, the tree will form a very thick mass of dead leaves resembling a petticoat under the large green leaves."

Dr. Keuper, a past president of the Palm Society himself, said, "**We are delighted** with the new collection and deeply indebted to Dent Smith for his generosity over the years."



CALENDAR OF EVENTS

December 1

F.I.T.S.S.F.F. movie, "Duck Soup". 7:00 p.m. and 9:00 p.m.. Gleason Auditorium, 50¢.

December 2

F.I.T.S.S.F.F. movie, "Pit and Pendulum", 7:30 p.m. and 9:15 p.m.. Gleason Auditorium. 50¢.

December 3

S.G.A. movie, 7:00 p.m.. Gleason Auditorium, free.

December 4 - 7

Final exam week.

December 6 - 8

Seminar on "Managing the Accounting Function: What Works. What Doesn't, and Why." Contact Maryann Latunas, seminar coordinator, extension 291. Continuing Education.

December 7, 8, 9

Christmas choral program presented by Melbourne High Chorus.

December 8

Commencement exercises at Jensen Beach. 3:00 p.m.. Chapel.
Basketball game versus North Georgia College, home. 7:30 p.m., Melbourne.

December 9

Commencement exercises at Melbourne. 11:00 a.m., Gleason Auditorium.

December 11

Basketball game versus Georgia Southwestern College. home. 7:30 p.m.

December 21-26

CHRISTMAS HOLIDAYS

DECEMBER



S	M	T	W	T	F	S
					□	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

DR. STORRS VISITS MEXICO

Dr. Eleanor E. Storrs of the Medical Research Institute of F.I.T. recently returned from a three week trip to Mexico where she served as a consultant to the Institute of Health and Tropical Diseases of the General Directorate of Epidemiology of the Mexican Government. During her visit she assisted Dr. Maria Eugenia Amezcua de Bernes in establishing criteria for the maintenance of armadillos for use in research on leprosy. She was invited to give seminars on "Natural Infection of Wild Armadillos with Leprosy Bacilli in the United States," and on "Different Species of Armadillos of Importance in the Investigation of Leprosy." Her trip was sponsored by the Pan American Health Organization.

Following her visit to the Tropical Disease Institute, Dr. Storrs attended a workshop on "Experimental Leprosy" which was held in connection with the 11th International Leprosy Congress in Mexico City. At the workshop, Dr. Storrs was invited to report on the use of the seven-banded armadillo of Argentina in leprosy research, and on progress being made on breeding the nine-banded armadillo in captivity. Dr. Chapman Binford of the Armed Forces Institute of Pathology briefly reviewed the history of the work that Dr. Storrs had done in introducing the armadillo as a model for leprosy and other biomedical studies. A definite paper on this subject by Storrs et al appeared in the September, 1978 issue of the **American Journal of Pathology**. Dr. Storrs has written a brief account of this work which will appear in the next issue of the **International Journal of Leprosy**.

Dr. Storrs was joined by her husband, Dr. H. P. Burchfield, also of MRI/F.I.T. who visited the National Hospital for Oncology in Mexico City to discuss progress being made in chemical carcinogenesis with members of the staff there.

Following conclusion of their scientific discussions, Drs. Storrs, Burchfield and their two children visited the archaeological sites at Teotihuacan and Xochiacalco and the Spanish Colonial towns of Guanajuato and San Miguel de Allende which have been designated as National Monuments by the Mexican Government.

F.I.T. RECEIVES KODAK GRANT

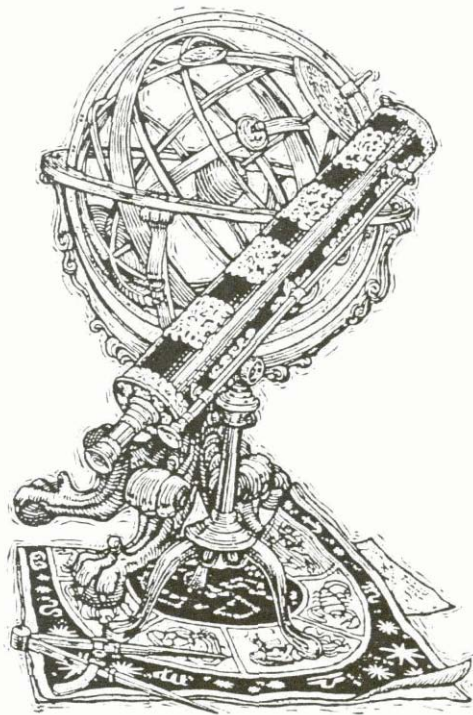
F.I.T. recently received \$650 in Kodak employee/alumni grants through Eastman Kodak Company's 1978 Educational Aid Program.

In recognition of the contributions made by college and university graduates to the company's business success, Kodak employee/alumni grants are awarded to accredited institutions for each undergraduate or graduate year completed by those who join Kodak within five years of their graduation. As a privately supported university, F.I.T. was eligible to receive \$650 in honor of George E. Zurawick who graduated in 1973 with a M.S. degree in management science. Zurawick is presently working in the Tennessee division of Eastman Kodak. The grants are awarded during the graduate's fifth year of employment and made on behalf of those employees who are utilizing their academic training in the performance of their job duties.

TIP-OFF TOURNAMENT TO F.I.T.

A 10 foot jump shot by F.I.T.'s Larry Bacon, with two seconds left to play in the game, won the annual Tip-Off Basketball tournament for the "Engineers", 89-87, over a strong Flagler College team. Coach Norm Cockrell called it "a terrific win, coming at the best time of the season, the beginning."

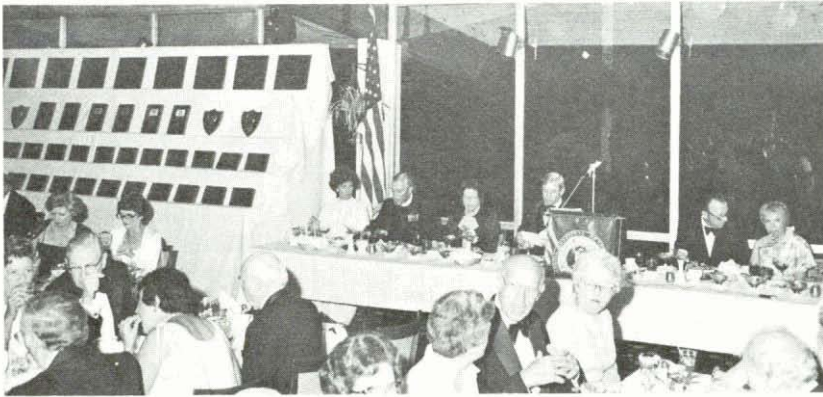
Flagler, of St. Augustine, reached the Saturday night, November 18 finals by defeating Clearwater Christian College. F.I.T. ran away from Miami Christian College in its Friday night game, 86-33. F.I.T.



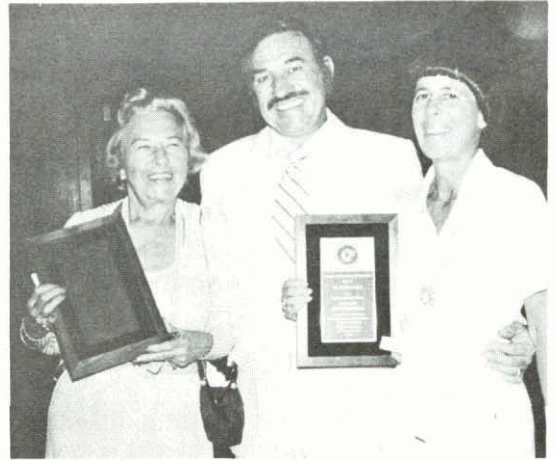
EDUCATORS "OBSERVING" AT F.I.T.

Approximately forty central Florida educators recently visited the F.I.T. observatory site for an evening astronomy observing session. This field trip was made in conjunction with the Earth and Space Sciences Seminar for Teachers which is being coordinated by Dr. Ed Strother, Physics and Space Sciences Department, through the Department of Science Education. The program was made possible by a National Science Foundation grant and included educators throughout the central Florida area. The purpose of the seminar is to discuss recent developments in the Space Sciences and to expose the educators to the facilities and various areas of expertise available at F.I.T. In addition to Dr. Strother, guest lecturers have included Dr. Burns, Dr. Fronk, Dr. Blatt, and Dr. Sharber.

The second concert of this year's F.I.T. Jensen Beach Performing Arts Series took place November 19 in the campus chapel. Mr. David Sprengle, tenor, and Ms. Sarah Nell Summers, soprano, were accompanied by pianist Mr. Stan Doyle in a program which included French music and selections from the opera of Puccini and Mozart.



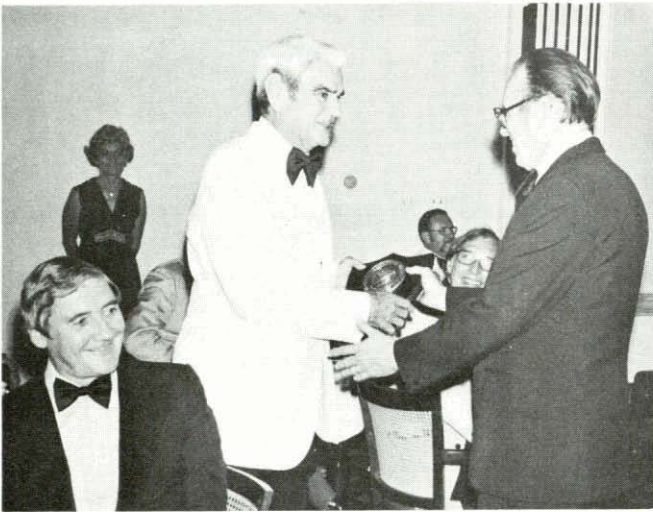
The head table, the awards, and friends of F.I.T. gathered at the Port Malabar Country Club.



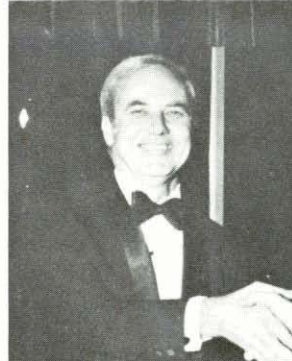
Alice Duriaux and Marilyn Link, of the Link Foundation, are thanked and congratulated by Dr. Harry Weber, dean of the School of Science and Engineering.

RANDOM SHOTS AT THE DONOR RECOGNITION BANQUET

NOVEMBER 13, 1978



Mr. Roger Ward, Melbourne, received his "Service Hall of Fame" award from Dr. Keuper as Ernest Tealey, executive director of F.I.T., Jensen Beach, looks on.



Mr. John T. Hartley accepts the award naming Harris Corporation into the "Society of University Founders."



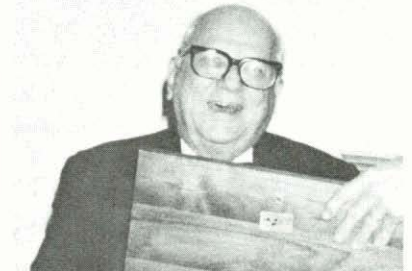
Mrs. Julie Lyon, Melbourne, was one of four persons to be honored as a "Service Hall of Fame" recipient.



Mr. Conger Brownlie of the Brownlie Funeral Home in Melbourne was recognized as an F.I.T. supporter in the "Society of University Fellows."



Dr. M. F. Vorderburg of the Selby Foundation.

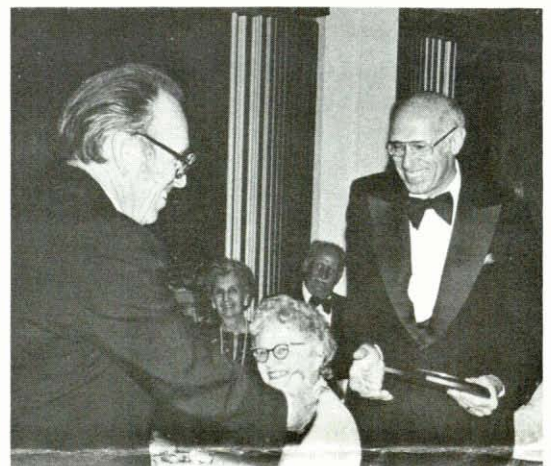


Mr. A. C. Newlin of the Doherty Foundation receives his award.



Mr. and Mrs. George W. Hepworth are honored by the university as members of the "Society of University Patrons."

Mr. Elliott Newell, Melbourne, accepts the "Society of University Fellows" plaque honoring the Landmark Bank of Melbourne.



Dr. Joe Doller, long time friend of F.I.T., receives his "Service Hall of Fame" award from Dr. Keuper.