



The Pelican

A Newsletter for the F.I.T. Family

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DISPLAYS DOT CAMPUS FOR SCIENCE AND ENGINEERING WEEK

With two special luncheons, numerous guest lecturers, and a melange of government, industry and department displays, **F.I.T.'s** 1979 Science and Engineering Week successfully met its goal of helping stimulate public and professional interest in the fields of science and engineering. The local commemoration of National Science and Engineering Week (which began February 18) took place on campus the week of February 12 - 17 and was coordinated with the university's Homecoming Week schedule.

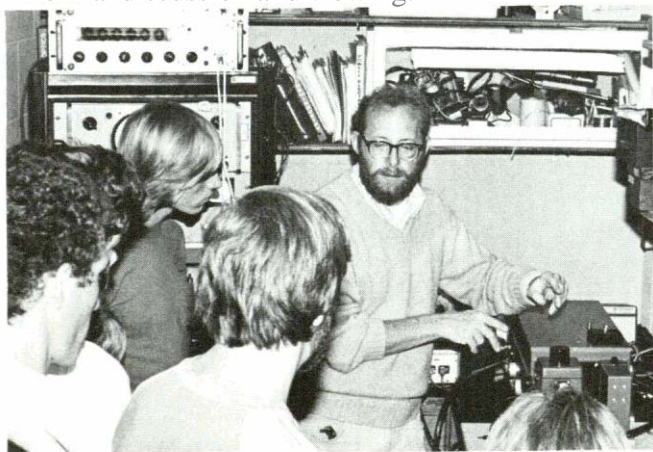
Sponsored by the student chapter of the Institute of Electrical and Electronic Engineers, the week was organized by a student committee under advisement by Dr. Marvin Drake, Electrical Engineering.

A popular feature of the event was the idea of transforming the cafeteria of the Student Union Building into a more formal luncheon setting. Students and faculty were invited to hear luncheon speakers Dr. Richard Folsom, president emeritus of Rensselaer Polytechnic Institute, on Wednesday and Mr. Norm **Cotter**, vice president of engineering at Pratt and Whitney **Aircraft**, on Thursday. A question and answer period following the talks allowed students the opportunity to pursue specific areas of interest.

As in past years, guided campus tours were provided for visitors, high school students, and F.I.T. alumni interested in viewing the numerous displays set up by various companies and campus departments.

"The displays clearly illustrated the many recent contributions that engineering has made to our society," commented Bill Ricci, student chairman of the week.

Concluding the week's events was a trip to the F.I.T. Observatory on Saturday evening for an informal discussion and viewing.



Alumni crew prepares shell for feature race.



ALUMNI REUNION LARGEST EVER

Laughter permeated the building as jokes flew fast and unedited at the annual **Alumni/Faculty Banquet** on Saturday, February 17, the final day of **F.I.T.'s** Homecoming Week. Over 300 people attended the banquet which culminated a day of activities planned especially for the visiting alumni.

Dr. Harry P. Weber, dean of the School of Science and Engineering, assumed the role of master of ceremonies for the after-dinner program which concentrated on academic fields other than science and engineering. His first official task was to grant a blanket immunity for all speakers, supposedly signed, sealed and delivered by President Keuper. This act set the stage for departmental anecdotes, gentle ribbing, and lots of university satire. The full house of alumni and faculty enjoyed the quips which followed the buffet dinner held in the all purpose room of the Student Union Building.

Earlier in the day alumni met the varsity crew in a race on the Indian River. At noon a cookout took place at the Anchorage followed by campus tours of the Science and Engineering Week displays. The afternoon activities included presentations of the multi-media show and a powder puff football game. Following the cocktail party and buffet, alumni were treated to fireworks and a bonfire before taking off to the F.I.T. Observatory for a special star viewing and discussion.

Campus Notes



Dr. Tom Bowman, Mechanical Engineering Dept., presented his paper on solar cookers at the recent symposium "Technology Applied to Solar Energy Systems" held Jan. 29 - Feb. 3 in Queretar, Mexico near Mexico City. The symposium convened at the National Autonomous University in honor of their 50th anniversary. Over 180 persons attended from all over the world. Bowman was sponsored by the Organization of American States. He will also attend the 2nd International Symposium of Engineering Conference titled "Technology Appropriate to Underdeveloped Countries" in San Salvador. His paper, "Solar Cookers: Test Results and New Designs," will be presented at the Universidad Jose Simeon **Canas** in San Salvador, El Salvador, Central America.

F.I.T., Jensen Beach welcomes Beverly **Hachett** as Graduation Certification Officer. She is located in Student Affairs and is already hard at work on spring graduation petitions. Beverly's extension is 16.

Elizabeth **Dugoff**, Hilda Fickett, Pam **Hobson**, **Vallie** Joyner, **Barbara Rittinger** and Lois **Sigler** attended a workshop on microforms sponsored by the **Periodicals/Serials** caucus of the Florida Library Association on January 19. The workshop was held at the University of Central Florida in Orlando.

Mrs. Jo Tidd has recently wme to F.I.T., Jensen Beach, as the new record room supervisor. Mrs. Tidd is located on the second floor of Student Affairs, east wing. She will be handling transcript requests from 8-12 and 1-5.

Dr. D. T. Mason, head of Chemistry and Chemical Engineering, recently announced the appointment of Dr. **Richard D. Mounts** to the position of Chairman of the Chemistry program. He also announced the opening of the new organic chemistry laboratory which is already being used for classes this quarter.

Dr. Andrew W. **Revay, Jr.** associate dean for research, School of Science and Engineering, has also assumed the responsibility of Security Officer for F.I.T., Melbourne. The university wishes to commend Dr. **Walter M. Nunn, Physics/Space Sciences**, for his devotion over the years to this position and thank him for a job well done.

Dr. Eleanor E. **Storrs** of Medical Research Institute was awarded a grant of \$16,000 by the World Health Organization to initiate a program on breeding the nine-banded armadillo in captivity. Research was initiated in January. Her grant to supply armadillo tissues infected with leprosy bacilli to the Immunology of Leprosy Program of WHO was renewed for a second year in the amount of \$24,000 for 1979.

Bob **Rowe** is the newest addition to the Admissions Department staff. Bob, new admissions counselor, is from Ballston, New York. He is a recent graduate of Plattsburgh State with a B.S. in business management.

Coach Mike Eldridge is highly elated about the selection of three of his outstanding soccer players to the Florida Intercollegiate Soccer Coaches Association All-State team. The players nominated by the coaches are **F.I.T.'s** Andy Ospafiana, first team, and Johnny Jaimes and Hormoz Ehdaie, second team. Congratulations to the coach and team members!

MSG Jack M. Wesson has received word that the F.I.T. rifle team has earned top honors for the second straight year in the Society of Military Engineers Marksmanship Competition. Wesson coaches the team and accompanies them on road trips. He said that the latest rating is based on **competition** among all engineering schools in the United States.

Dr. Wolfgang Sterner, director of the Bermuda Biological Station presented two seminars to the faculty and graduate students of the biological sciences department. Dr. **Sterrer** reported on the activities of the station, and on the progress of his marine biological research.

Recent papers from the biological sciences department were presented by Dr. G. M. Cohen and doctoral student C. D. **Fermin** at the meeting of the Association for Research in Otolaryngology, by Dr. G. N. Wells and graduate student R. **Trocine** at the meeting of the American Society of Plant Physiologists, and by Drs. K. B. **Clark** and R. L. Turner, and doctoral students K. R. Jensen and H. M. **Stirts** at the meeting of the American Society of Zoologists.

A simulation of a **city** council meeting complete with special interest group representative was just one of the ideas conceived by Diane **Barile**, research associate, as a coastal zone awareness activity for Florida Sea Grant. The roles of city council members and special representatives were filled by high school 4-H members at a 4-H City Council meeting held in January at the City of Jacksonville Council Chambers. The simulation was held to illustrate coastal zone problems and the process for reaching decisions in a democratic government.

Mr. and Mrs. Carlos **Barba** spearheaded a very successful Madi Gras ball "South of the Border" on February 24 in the Melbourne Auditorium. Carlos and his wife did a great job and exceeded expectations with the turnout of local people.

WFIT-FM (that's 91.5 on your dial) announces its special programs for the month of March. Jazz fans should tune in every Monday night at 8:00 p.m. for "Jazz Alive." On Tuesdays at 6:00 p.m. highbrow listeners will enjoy selections by the Chicago Symphony Orchestra. Of special interest is the March 26 recording of the White House Jazz Festival. 8:00 p.m. featuring President Carter and George Benson, Herbie Hancock, Chick **Corea** and other veritable artists. A more complete listing of selections may be obtained by calling the station in the afternoon at 724-0915.

GRANT RECEIVED BY JENSEN BEACH

Executive Director Tim Tealey, School of Applied Technology, recently announced the receipt of a grant of \$50,000 from the William G. Selby and Marie Selby Foundation. In notifying the Jensen Beach campus of the grant Dr. Marvin F. Vorderburg, board member of the foundation, said funds will be used for completion of the **campus** Marine Science Center.

Director **Tealey** acknowledged the support of the William G. Selby and Marie Selby Foundation as having been instrumental in the **success** of the marine science programs at the School of Applied Technology. He also noted that the completion of the center will be a great asset to those students who intend to make their career in the field of marine science.

This grant is the latest in a series of grants dating back to 1972 from the foundation.

DR. KEUPER APPOINTED TO FEDERAL RESERVE

President Jerome P. Keuper has been appointed by the Board of Governors of the Federal Reserve System to the Board of Directors of the Jacksonville Branch of the Federal Reserve Bank of Atlanta.

The announcement of his appointment for a three-year term ending Dec. 31, 1981, was made by Clifford M. **Kirtland, Jr.**, chairman of the Board of the Atlanta Bank.

Dr. Keuper is also a member of the Florida Council of 100 and of the Advisory Council of the National **Energy** Foundation.



The F.I.T. Flying Falcons took home the first place trophy after hosting the 9th Regional Flying Tournament at F.I.T. Aviation at the Melbourne Regional Airport. After displaying the trophy at the airport, team members presented it to Dr. Keuper to be placed in the trophy case here on campus. Shown above are (left to right): Mr. Curt Truver, advisor to the flying team and head of the Department of Flight Technology, Greg Stanley, captain of the Flying Falcons, Dr. Jerome P. Keuper, and Carl Clemmensen, president of the professional aviation fraternity, Alpha Eta Rho. The team is now preparing for the national competition to be held in May.



Korean engineers visit campus departments under the guidance of Arthur Dodson, program coordinator.

RECOMPRESSION CHAMBER AT JENSEN AIDS DIVER



The F.I.T. recompression chamber at the School of Applied Technology, Jensen Beach, and the expert care provided by several faculty members and a local doctor are credited with successfully relieving a Palm Bay diver of a severe case of the bends.

Joseph Schiapucci is the diver who, after completing a series of 250-foot dives in North Carolina, is grateful for the availability of the F.I.T. chamber. Schiapucci made the mistake of boarding an airplane too soon after diving and consequently began feeling pain in his back and joints the next day. In severe cases of the bends, nitrogen gas bubbles form and collect at the bone joints. Left untreated the sickness can lead to permanent damage including paralysis.

Schiapucci was rushed to Jensen Beach campus via helicopter to enter the chamber for a 16 hour treatment. Throughout the night the diver's condition was monitored by James Woodberry, head of the Underwater Technology Department, and Dr. Ron Allison, Stuart, a specialist in hyperbaric medicine. In the chamber with Schiapucci was Dick McCoy, underwater technology faculty member and emergency medical technician. Doug Soule, also a faculty member, relieved McCoy during the treatment to allow him to undergo oxygen decompression.

G. G. Greenwood, assistant dean at the school, said that the recompression chamber is available for anyone needing it and that it is the best facility north of Miami.

Schiapucci expressed his appreciation for the excellent care he received at the campus and thanks everyone who went out of their way to help.

AUDIOVISUAL REQUESTS

For authorizations and reservations for the use of library audiovisual equipment please call the library circulation desk at extension 270. This must be done in advance of date needed to ensure the **availability** of such equipment.

GIFTED CHILDREN SUBJECT OF SEMINAR

Gifted Children—the image brought to mind is one of the perfect child, talented and of superior intellect. Dr. Eleanor Fisher, a specialist on gifted children and the director of pupil personnel services in Briarcliff Manor, N.Y., knows the image isn't all true. Like many parents and teachers of these children, she recognizes the difficulties inherent in their lives. For this reason Dr. Fisher has been conducting seminars designed to help parents and teachers of gifted children learn to cope with their special needs. Such a workshop will be presented here at F.I.T. on March 17 from 9:00 a.m. - 4:00 p.m. titled, "Intellectually Gifted Children and the Affective Curriculum." The workshop is open to teachers, administrators and parents. It is being sponsored by the Office of Continuing Education and the registration fee, which includes all materials, is \$25.00.

Dr. Fisher has advanced degrees in education, guidance, psychology, administration and family counseling. While she is a consultant to numerous school systems and media companies, she has found the time to research the families of gifted children and to publish several articles on this subject. She is married to Dr. Bernard Fisher, F.I.T. instructor in psychology.

Call Maryann Latunas, seminar administrator, for more information.

AN INVITATION.. .

The F.I.T. Campus Ministry invites you to an evening of evangelical rock music when Larry Norman performs in concert Friday, March 2 in the F.I.T. Gleason Auditorium at 7:00 p.m. Tickets may be purchased for \$5.00 at local bible bookstores or through campus ministry. Students are invited free-of-charge to hear this entertaining singer and song writer of Christian music.



- 1 - 2 Manufacturer Cost Estimating Seminar; call Dick Enstice, Continuing Ed. for more information.
- 2 Larry Norman Concert. 7:00 p.m. in Gleason Auditorium. free to F.I.T. students, sponsored by Campus Ministry.
- 3 SGA: Outdoor Festival 12:30 - 3:30 with the Bonnie Gringo Band.
- 4 SGA movie, "Kentucky Fried Movie", Gleason Aud., 7:00 p.m. 25¢.
- 6 - 8 F.A.A./F.I.T. Workshop on Grounding and Lightning Technology. contact Dr. Andrew Revay, Jr. for more information.
- 10-17 Final Exam Week.
 - 10 F.I.T.S.S.F.F. movie. "Dark Star." Gleason Aud. 7:00 p.m. and 9:00 p.m. 50¢.
 - Baseball game, F.I.T. vs. Univ. of New Hamp., home. 1:00 p.m.
 - 11 S.G.A. movie. TBA, Gleason Aud. 7:00 p.m. 2M.



FAA/F.I.T. WORKSHOP

The Sixth Annual Workshop of Grounding and Lightning Technology will be held on campus March 6-8 under the co-sponsorship of the Federal Aviation Administration and F.I.T. with the cooperation of Georgia Institute of Technology and NASA.

"The workshop began as a result of a study Georgia Tech was doing for the FAA," explained Dr. Andrew Revay, Jr., head of electrical engineering. "F.I.T. was involved in the study which was on grounding, bonding, and shielding of electrical circuits and equipment. It was determined that the information should be made available via a workshop format for the FAA people out in the field. After that first session other governmental agencies and private individuals became interested and thus it has grown in numbers and in scope."

Revay is serving on the Planning Committee with F.I.T. Professor of Electrical Engineering Richard Cosel and two representatives from the FAA.

An impressive list of government and industry representatives will lecture during the three days on subjects which include the effects of direct strikes and induced lightning on aircraft and their contents, lightning detection and warning systems, and lightning protection for electronic facilities. Over 200 participants from nearly all of the fifty states, England, Belgium, France and Japan are expected to take part in the proceedings.

Also helping to organize the seminar are Dr. Marvin Drake, Electrical Engineering, on the Technical Program Committee, and Dick Enstice, Continuing Education, heading up the Arrangements Committee.

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- 17 Baseball game, F.I.T. vs. Univ. of New Hamp. home, 1:00 p.m.
 - 18 -19 Baseball game, F.I.T. vs. Ohio State of Newark. home, 1:00 p.m.
 - 18 - 24 Spring break for students.
 - 20 - 21 Baseball game, F.I.T. vs. College of Wooster, home, 3:30 p.m.
 - 22 - 23 Florida IEEE Conference. Gleason Aud., call Dick Enstice or Dr. Andrew Revay, Jr. for more information.
 - 22 Baseball game. F.I.T. vs. Flager College, home. 3:30 pm.
 - 23 Baseball game. F.I.T. vs. Lee College, home. 3:30 p.m.
 - 25 Baseball game, F.I.T. vs. Sacred Heart. home. 1:W p.m.
 - 27 Real Estate Course I begins, contact Office of Continuing Education.
 - 30 Brevard Symphony Concert. Gleason Auditorium. 8:00 p.m., tickets \$4.50 or admission by subscription.
 - 30 - 31 South Brevard Indian River Regional Science Fair and Talent Search, Gleason, no charge.