

The Pelican

A Newsletter for the F.I.T. Family

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Dr. Ford Visits

Dr. William F. Ford, president of the Federal Reserve Bank of Atlanta, will visit the campus on March 21 to serve as speaker at F.I.T.'s winter "mini-commencement."

Dr. Ford will also speak to a breakfast gathering of some 100 business people invited to the campus on the morning of the commencement.

The F.I.T. honorary doctor of science degree is to be awarded to Dr. Ford during the commencement ceremonies.

As president of the Reserve Bank, Dr. Ford manages the bank's activities in the six southern states in the Sixth District of the Federal Reserve System.

President Keuper is chairman of the board of directors of the System's Jacksonville Branch.

Before joining the federal bank, Dr. Ford was an executive with Wells Fargo Bank in San Francisco. Before that he was executive director and chief economist of



Dr. William Ford

the American Bankers Association.

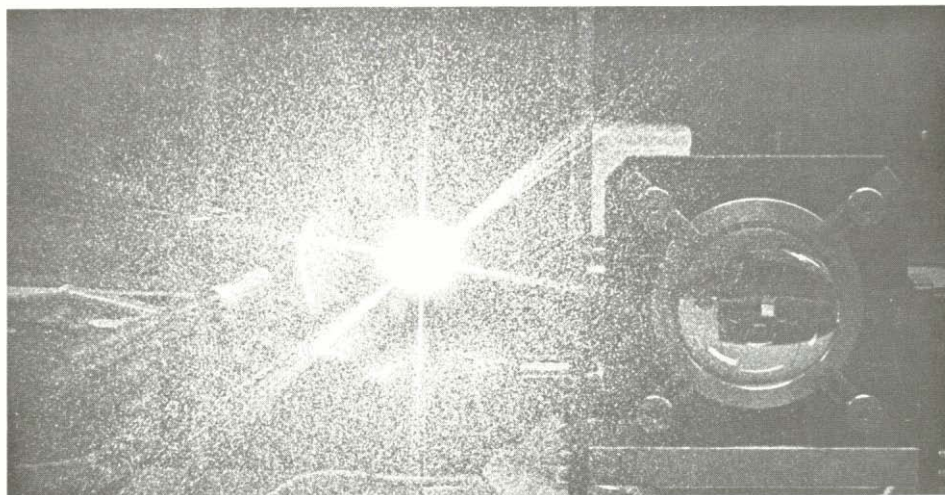
The Navy veteran completed undergraduate work at the University of Texas in Austin before earning M.A. and Ph.D. degrees in economics from the University of Michigan.

Vets Are Topic

F.I.T. hosted the quarterly meeting of the Florida Vietnam Veterans Civic Council late in February. The council is made up of the top VA administrators in Florida.

The meeting was a conference of the council. VA coordinators from several colleges, and representatives from several veterans organizations.

Jackie Lorick, F.I.T.'s coordinator of veterans' affairs, explained that the topic of discussion was disability and educational benefits for Vietnam-era veterans.



Whatzat?

Win a free subscription to The Pelican by naming the subject of this Bob Goldberg photo. One hint: the photo depicts an activity inside one of F.I.T.'s laboratories.

High School Science Aided

Science Education has announced a \$25,000 summer program to help improve science education in Space Coast high schools as well as other areas of Florida.

Department head Dr. Robert Fronk said the program, conducted for several years by F.I.T. in conjunction with the National Science Foundation (NSF), will include teachers primarily from schools in Brevard and nearby counties.

"We're happy to be able to again provide support and training for science

teachers in Florida." Fronk said.

The three-week program in July will allow 30 teachers to enhance their science education skills in the subjects of ecology and geology.

Five such teacher programs are being planned by Science Education during the upcoming summer, Fronk said, along with special institutes for teachers. He said the program has been funded by \$146,000 from NSF in recent years.



All That Jazz

What has 17 parts that include saxophones, trumpets, drums, guitars, bass and a piano? It's the F.I.T. Jazz, a student musical group begun as a trio last year by student Bill Goodell. Players range in age from 18 to 29, and are gaining the praise of audiences at a variety of On-campus events.

Campus Notes

Dr. Jane P. **LeMoine**, assistant professor of English and coordinator of the Individualized Learning Center, attended the annual meeting of the Southeastern Writing Center Association hosted by the University of Alabama in Tuscaloosa. Dr. LeMoine presented a paper entitled "Overcoming Resistance to the Writing Center."

Dr. Margot Haberhern, assistant professor of English, chaired a seminar session at the recent Sixth Annual Comparative Literature Conference: Transformations in Literature and Film in Tallahassee. Dr. Haberhern's session featured **presentations** on the **topic** of "Exhaustive Transformations."

Dr. David N. **Beach** has accepted a position as visiting professor of management and organizational behavior, announces Dr. Roger **Manley**, head of Management Science.

Dr. Beach received his undergraduate degree from Yale College. He received his M.A. and **Ph.D.** degrees from the University of Cincinnati. Dr. Beach is a certified management consultant and licensed psychologist, and has been in private practice since **1951**. His activities at **F.I.T.** will center on the areas of business policy and managerial psychology.



Dr. Beach



Mrs. Lane

Registrar George S. Jones **III** is pleased to announce that Mrs. [**Delores**] Anita Lane is appointed to the position of university assistant registrar. She replaces Mrs. Sheryl C. Baker who unexpectedly must leave the university to accompany her husband to the Washington D.C. area.

Mrs. Lane, who has earned her M.A. in education and administration, was most recently a residence center director for Pepperdine University at Subic Bay Naval Air Station in the Phillipine Islands.

Cissy Petty, coordinator of the Office of Student Activities and Organizations, attended the annual Southeastern Interfraternity Leadership Academy recently in Atlanta. She serves as fraternity advisor.

Also attending the session were Brett Carter of Lambda Chi Alpha, Chris **Eason** of Alpha Omega, Bob **Pflug** of Pi Kappa Alpha, and **Merrill** Bender of Theta Xi.

Sara B. **Howze**, coordinator of the FRESH and minority programs, along with Dr. **Ronald G. Eaglin**, Vice Chancellor for Academic Affairs at the University of South Carolina at Spartanburg was a featured speaker at the recent American College Testing Program's National Seminar on "Reducing the Dropout Rate."

The subject of Ms. **Howze's** presentation was "Implementation Strategies for Getting Action on the Campus." The seminar was presented in Atlanta.

Dr. Lane Chairman

Dr. George E. Lane has **been** appointed chairman of the graduate contract and acquisition management program.

Dr. Lane is currently employed by Harris Corporation and holds the position of counsel. Melbourne Divisions, Government Systems Group. He has been employed by Harris (and Radiation **Inc.**) since **1961**. Prior to joining Harris, he was in private law practice in Marathon, Fla.

Dr. Lane received his B.B.A. from the University of Miami in **1953** and his J.D. degree from that same university in **1957**. He is a member of the Florida, American and Brevard County bar associations. Very active in community affairs, he is past president of the Melbourne High School Principal's Advisory Committee and the **Sports Club**. He coached **youth** sports for nine years and was the president of the parish council (Holy Name of Jesus Catholic Church) for two years. He is currently a director of Genesis House.

Dr. Lane and his wife, Mary Lou, have five children and reside in Indialantic. His association with F.I.T. began in **1967** when he joined the university as an adjunct professor teaching courses in business law and contract management. At **that** time he helped design the program he will formally chair.



LYNN CAPUTO, new **executive** secretary assisting Development VP John Evans, is a native Floridian who just returned from the backwoods of **Minne-**mta. After "**taking** a few years **off**" in a remote area **near** the Canadian border, Lynn is looking forward to the **Sunshine** State's extended gardening **season**. Her strong interest in plants **em** produce herbs she uses in preparing gourmet Italian cuisine.

Dr. **Glenn M. Cohen**, **S. Dadkhah** and **C. D. Fermin** presented a paper entitled "Changing Glycogen Levels in the Auditory Langena of the Embryonic and Adult Chicken," at the Midwinter Research Meeting of the Association for Research in Otolaryngology. At the same meeting Dr. Cohen and J. C. Park presented "Vestibular Ototoxicity in the Chick Caused by Streptomycin."

At the meeting of the American Society of Plant Physiologists in Atlanta recently, Dr. Gary N. Wells and W. **Aspden** presented a paper titled. "Occurrence of Carbonic Anhydroses in Marine Angiosperms."

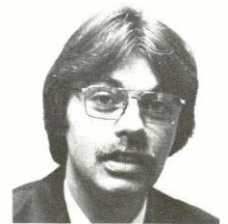
Biological Sciences has been notified by the headquarters of Beta Beta Beta, the national honorary **society** in biology, that the recent convention of the society approved the establishment of a chapter of Beta Beta Beta at F.I.T.

Establishment of a Beta Beta Beta chapter is further evidence of the quality of the students and the biology programs here. The approval was due to the hard work of students Jeff Priest, Kevin **McMullen** and Jeff Webster, and of Dr. Wells, associate professor of biological sciences and a long-time Beta Beta Beta member. He will be the faculty advisor for the new chapter.

Dennis Doyle

To Aid Jensen

F. Dennis Doyle, formerly **executive** director of the **Jensen Beach Chamber** of Commerce, has joined the F.I.T. **campus** at Jensen Beach as development assistant, Dean E. E. "Tim" **Tealey** has announced.



Dennis Doyle

Doyle, who served as public relations director for the United Way in Vero Beach before joining the chamber, also won awards as a photographer and photo editor during previous work for newspapers based at Jensen Beach.

A dozen years ago Doyle arrived in Florida from New Jersey as a student at St. Joseph College, a school that operated where the Jensen Beach campus of F.I.T. is now located.

Active in community affairs, Doyle is president of the Jensen Beach Kiwanis Club and is a board member of the **Stuart-**Jensen Jaycees.

Doyle will join a development program at Jensen Beach that sees the need for nearly \$5 million in new facilities and renovations over the next ten years.

Leprosy Research At MRI Spotlighted

When UPI reporter Craig Allsopp visited F.I.T.'s Medical Research Center recently, his intention was to learn about work underway related to leprosy. After an exhaustive interview with Dr. Eleanor Storrs and Dr. Arvind Dhople, Allsopp visited research facilities and got a first-hand look at animals that are aiding the assault on leprosy.

Allsopp prepared the following story for national distribution. A photo by F.I.T.'s Bob Goldberg accompanied the written material, which found use in newspapers ranging from Phoenix to Montreal and back to Houston and Columbia, S.C. The story also found its way into many Florida newspapers.

By Craig Allsopp

United Re s s International

What began as a scientific shot in the dark may someday provide a vaccination and cure for leprosy, the dreaded disease of pre-Biblical times that affects millions of **people** around the world.

in laboratories at Florida Institute of Technology, researchers led by Dr. Eleanor Storrs are injecting armadillos with leprosy to study the disease's **pro**-gression and provide a store of infected tissue for future work.

Dr. Storrs admits the dull-witted, **hard**-shelled armadillos are unlikely subjects for such experiments, but says they are the only animals scientists have found that contract the disease.

"One of the problems with leprosy is it cannot be cultivated in a test tube," **she** said, adding that scientists **have** failed repeatedly to infect rats, mice and other laboratory animals with the disease and thus never had a good way to study it.

That changed a decade ago when Dr. Storrs and her husband, Dr. Harry Burchfield, put two-and-two together while working near the U.S. Public Health Service leprosy hospital in **Carville**, La.

Armed with a grant to develop **the** armadillo as a laboratory animal, **they** suspected it might contract leprosy since its body temperature is low — about 92 degrees — and the disease is known to affect the colder parts of **the** human body like the **feet**, the back and the legs.



PRECAUTION — Dr. Dhople and Dr. Storrs use protective clothing when **handling** infected laboratory **animals**.

After two years, **their** work paid off and Dr. Storrs began the research that's going on now at **F.I.T.'s** Medical Research Institute of Health in conjunction with the National Institute of Health and the World Health Organization.

Widely misunderstood, leprosy is a skin

cases have been reported in Florida, Texas and Southern California.

About 500 people are permanently hospitalized at Carville, Dr. Storrs said. Leprosy patients suffer from a dulling of the nerve endings that after years can cause bone deterioration and occasionally **the** loss of fingers and toes.

"You don't actually find fingers falling off," she says, referring to the more gruesome movie scenes of leprosy victims thrown together in colonies on remote islands. "That's a fallacy. What you have is a long, long period of regression."

Dr. Arvind Dhople, a **co-researcher** with Dr. Storrs, says a major focus at F.I.T., where some 400 armadillos have been cultivated with leprosy, is to determine the effectiveness of drugs used to **combat** the disease.

"At present there are no appropriate methods to see if a patient is responding to treatment or not," says Dhople, a native of India, who is concerned about the toll the disease has taken in his homeland. "By studying **the** growth of the bacteria in the tissue we can see what effect treatment has."

The researchers also are trying to breed armadillo families in the lab to see how the disease is passed to the young. This, hopefully, will give them an understanding of how the disease is transmitted among human families.

Drs. Storrs and Dhople say susceptibility to leprosy is not a genetic or inherited trait, but appears to be passed in families from parents to children over a period of years.

While encouraged by their early results, the researchers say it will be decades before the disease is wiped out.

"Leprosy has been with us a long time," say Dhople, "The problem will still be here 50 years from now."



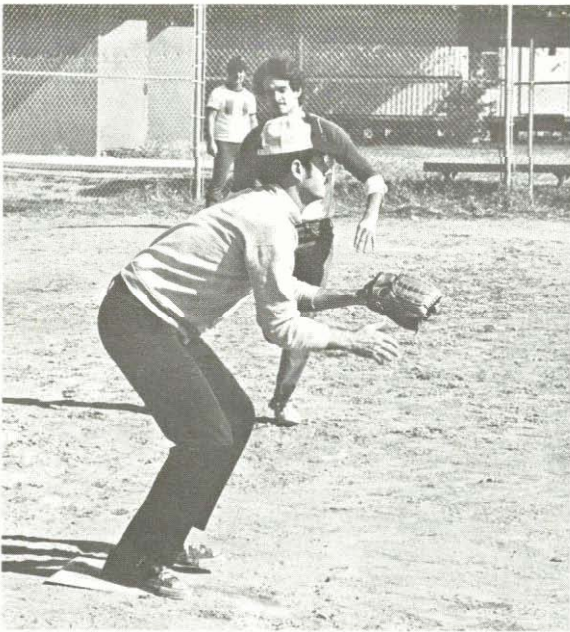
Dr. Storrs

Dr. Dhople

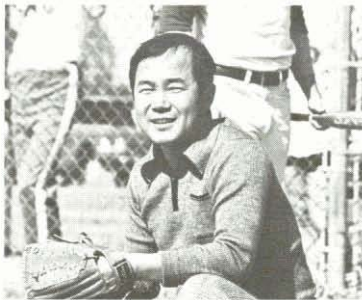
disease that today affects some 10 million people in the third world countries.

About 2,000 people in the United States suffer from it — mostly in Louisiana, where it apparently was passed in generations of backwoods swamp families. Other

RESEARCH ANIMALS kept at MRI allow ongoing research by providing **tissue** for study and **experimentation**.



REAL SPORTS — Softball greets from left, front row, are Chuck Keutban, Management Science; Bob Heidinger, Admissions; Junhe Choi, Electrical Engineering; Frank Webbe, Psychology, and Dick Mounts, Chemistry. Back row, from left, are Phil Horton, Science Education; Bob Rowe, Admissions; Wes Shelton, Electrical Engineering; Dick Reisch, Financial Affairs, and Bob Goldberg, Public Relations. Not pictured are team members Colleen Weber and Jayne Phillips, both of Admissions; Ed Quiroga, Property Control, and Mike Pohler of ROTC.



Winners All

You want action? You've got it. That's what faculty-staff sports teams are all about. The opponents sometimes include F.I.T. varsity squad players and the activity can get fast and furious.

For the faculty-staff volleyball squad, it's the best of three games each evening of competition. Players assembled from all winners of the campus have tasted defeat, but have managed to create respect for their ability and intentions to play tough.

The softball team, perhaps not as committed to excellence, has also won its share of contests despite a few pop-fly artists. But as with the volleyball players, the team members have managed to meet some F.I.T. neighbors and have some fun. [Photos by Bob Goldberg, Diane Nordquist and Natoka.]



VOLLEYBALL ANYONE? From left on the front row are Terry Pace, Graduate Admissions; Carmen Read, Alumni Relations, and Melanie Delman, Graphic Art. From left on the back row are Maureen Mondor, Terminal Center; Joyce Utchel, graduate student; Diane Nordquist, Biological Sciences; Linda Gerry, Student Activities, and Leslie Harrison, Psychology. Not pictured are team members Patti Eastwood and Krista Reinersman, both of Graduate Admissions.

