





Photo by Hutchins - McWilliams

MacDill AFB, located on the southern tip of Interbay Peninsula, was acquired for the Air Corps in 1939. Within the period of one year, over 1000 personnel were assigned to the base.

The base, officially activated as MacDill Army Air Base in 1941, was named after Lt. Col. Leslie MacDill who was killed in an air crash near Washington, D. C. During World War II, airmen from every operational theater trained at the base.

With the end of World War II, the base returned to a concentrated training program and when the Korean conflict began, MacDill was one of the first Air Force bases to move its fighting forces overseas.

In 1961 a new unified command was established combining all United States based combat-ready elements of the Continental Army Command and the Tactical Air Command. Given the name United States Strike Command, its mission was to provide a reserve of combat-ready forces to reinforce other commands and to conduct planning for and execute contingency operations as directed by the Joint Chiefs of Staff.

The activation of the United States Strike Command at MacDill during September, 1961, and later assignments of the TAC units gave MacDill its current status; that of having two major commands represented: TAC and STRIKE.

The University of Tampa took over the college training program from Florida Southern University in July, 1960, which was conducted on a four-year degree granting program under the name of the MacDill Branch, University of Tampa. Students could, and many did, complete the requirements for a degree on the Base.

On September 1, 1964, the MacDill Branch was converted to a Center. The MacDill Center conducts a program in which one can complete three-fourths of the requirements for a degree at the Center. The last one-fourth of the requirements must be completed on the main campus.

END

The MUEZZIN

KENNETH P. HANCE, *Director*
SUZANNE TINDALL, *Editor*

ALUMNI ASSOCIATION

Officers 1964-65:

President SAM A. GIUNTA
Vice Pres. JOHN W. HANNAH, JR.
Treasurer RICHARD C. SWIRBUL

Members of the Board:

William J. Antonini	Rachael L. York
Kenneth R. Belliveau	Perry O. Keene, Jr.
Thomas E. Bissonnette	Walter V. Minahan
George W. Crites, Jr.	David C. Pinholster
Paul W. Danahy, Jr.	Charles G. Spicola, Jr.
John A. Diaz, Jr.	H. Vincent Thornton
Lowell T. Freeman	Robert S. Tramontana
Tony Ippolito	

The Muezzin is published four times a year by the University of Tampa for its alumni. The editorial office is combined with the Alumni Relations office, Room 342, University of Tampa, Plant Park, Tampa, Florida 33606. Entered as third-class matter at the Tampa, Florida post office under non-profit bulk mailing permit No. 27.

CHANGING YOUR ADDRESS: Notice of address change should reach the alumni office at least 30 days prior to the publication date of the issue with which it is to take effect. When ordering an address change, please enclose the old address label or an exact copy.

Contents

PRESIDENT'S PAGE	
Dr. David M. Delo	2
THE MACDILL PROGRAM	
Message from the Base Commander	
Introduction by Col. Ray W. Clifton, USAF (Ret.)	3
PROFILES OF MACDILL CENTER FACULTY	4
MILITARY AMBASSADORS	
Lt. Col. H. W. Treadwell, USA (Ret.)	5
JUST IN PASSING - EDITORIAL	5
SPACESUITS AND SHEEPSKINS	
Suzanne Tindall	6
HONORS AND AWARDS	9
SPARTAN SPORTS	9
ALUMNI DAY	10-11
EDUCATION THROUGH COMMUNICATION	
Dr. G. Truman Hunter	12
DIRECTOR'S MESSAGE	
Capt. K. P. Hance, USN (Ret.)	14
THE MUEZZIN NOTES	15



The MUEZZIN

"The Muezzin" editor, Suzanne Tindall, is shown immediately following her orientation ride in a U.S. Air Force F-4C Phantom jet. Piloted by a University of Tampa MacDill Center student, Capt. John C. Doying (extreme right), Mrs. Tindall's flight was the culmination of a month's research into the University's highly successful military education program. Offering their congratulations are Capt. K. P. Hance, USN (Ret.), Director of Alumni Relations (extreme left) and Lt. Col. James H. W. Treadwell, USA (Ret.), Director of the MacDill Center.



PRESIDENT'S PAGE:

"The MacDill Center program, now concluding its fifth year, has been a source of gratification to all of us. Although academic and organizational problems have often been acute, the program has shown steady improvement in quality.

Through this program, the University of Tampa has been able to make a significant contribution to better preparation of members of the Armed Services for the tasks ahead. A slowly growing body of loyal alumni is being created in all parts of the world and now numbers 180. The motivation

and stability of these men also furnish a desirable haven in the classes they attend on the main campus.

The University has benefited in a number of ways from sponsorship of this program. Our catalogues and descriptions of the program are in Air Force libraries throughout the world. Twice the program has received outstanding commendations. Over all, its successful operation has yielded for all of us a sense of performing an important national service, and performing it well."

Dr. David M. Delo

2



Dr. David M. Delo, President of the University, is pictured front right above with General Paul D. Adams, Commander of U.S. STRIKE Command (front left), and Col. Ray W. Clifton, USAF (Ret.), Assistant to the Vice-President for Academic Affairs. Grouped behind are the MacDill Center graduates in the June, 1965, class. At extreme left is Lt. Col. James H. W. Treadwell, USA (Ret.), MacDill Center Director.

From the Base Commander:

Education Promotes Skills and Flexibility

"The off-duty education program at MacDill AFB is one of the best in the Air Force. Much of the credit for this outstanding program goes to the University of Tampa for the excellent support they have given the Base.

"Continued education of military personnel today is a vital necessity. Our weapons systems are advancing rapidly and the personnel who operate these weapons must have a better basic education. In addition, the problems of integrating and supporting these weapons systems require a higher degree of managerial skill. Education helps us acquire these skills and the flexible attitude necessary to keep our operations adjusted to progress."

COLONEL JOHN D. COLLINS, JR.
Commander, 836th AB Support Sqdn.



An Introduction to the MacDill Center

by Col. Ray W. Clifton, USAF (Ret.)

The USAF has a goal of 100 percent officer college graduates and NCOs with a minimum of 30 to 60 semester hours of college work. The University of Tampa is assisting the USAF in reaching this goal by conducting a college training program at MacDill Air Force Base.

The MacDill Center is in the fortunate position of being able to get top-rated instructors, many of whom are from the regular teaching staff on the main campus.

The MacDill Center conducts six 2-month terms yearly. The program is accelerated to allow one to complete a 3-hour course in one term. He may take up to 6 semester hours each term. There are 36 to 40 different courses offered each term of which 90 percent are accelerated.

Editor's Notes: Colonel Clifton served as Director of the MacDill Center from May, 1963 until September, 1964. At this time he assumed his present duties as Assistant to the Vice-President of Academic Affairs which include directing the evening division and general studies program, serving as coordinator for military programs and serving as acting chairman of the economics and business departments. He retired from the Air Force in 1960 after 30½ years of duty during which time he flew over 9000 hours in 142 different types of aircraft. Col. Clifton earned his B.B.A. from the University of Miami and his M.B.A. from Mississippi State University.

The MacDill Center registers over 3000 students and over 10,000 semester hours each year. This is an average of 500 stu-



Photo by Frank Hutchins

dents each term. By August of this year, 29 students from the MacDill Center will graduate

which makes a total of 180 to graduate since August, 1960.

Many airmen who graduate from this program are eligible to apply for a direct commission. One has received a commission and other applications are being processed.

Several of the officers and airmen are completing their on-campus requirements through the Bootstrap program. Others are working more slowly toward the completion by taking courses in the Evening Division on a part-time basis.

The MacDill Center operates under the accreditation policies of the American Council on Education which allows college credit for education credit earned in the military service schools and through United States Armed Forces Institute. Some of the MacDill Center students have credit to be evaluated from as many as six different civilian colleges plus several service schools and USAFI which creates an interesting administrative problem which differs considerably from the evaluation of credits for the average college student. The majority of the students enrolled at the MacDill Center are more mature, more sincere, and obtain higher grades than the average college student. Taking the student body as a group, the motivation to learn is much more noticeable at the MacDill Center than on any college campus.

Although the college training program is conducted on an Air Force base, the student body consists of members from all branches of the military service. This is due primarily to Strike Command Headquarters being located at MacDill.

Active duty personnel get an educational subsidy from the military assistance program which covers 75 percent of the tuition cost.

We administrators of the University of Tampa take pride in the MacDill Center and are very happy that we can assist the military forces in their efforts to educate their members.

END

Profiles of MacDill Center Faculty



CAPT. ALLEMANN



2/LT. McDANIEL



LT. COL. SULLOWAY



MAJOR WORLEY

Serving on the faculty at the MacDill Center are many of the University's fulltime campus professors. Other posts are filled by qualified dependents of military personnel. Yet another category of professor is the professional military man who, having completed at least a Master's degree, now spends several nights each week in the classroom teaching fellow service personnel.

This fulltime officer, part-time academician finds himself in the same position as the military man he teaches . . . that of holding down demanding, exacting jobs of responsibility during the day and again at night. It is this category of instructor that is especially valuable within the framework of military schooling. He is the first to recognize and appreciate individual problems peculiar to in-service educational efforts; the first to encourage efforts toward the realization of educational goals. He is particularly cognizant of the immediate and long-range benefits both to the individual military student and his career and to the over-all effectiveness of the branch of service to which he belongs.

The following men are currently serving on the MacDill Center faculty . . . their educational backgrounds and job experiences are indicative of the high caliber of instruction at the

Center as well as on the main campus.

Capt. Clyde R. Allemann

Serving as assistant Staff Judge Advocate of the 836th Combat Support Group, Capt. Allemann entered active duty immediately after being admitted to the Missouri Bar Association and the Supreme Court. He received his B.A. Degree from Central Methodist College in 1958 and his L.L.B. from Washington University in St. Louis in 1961. Capt. Allemann joined the MacDill Center faculty in July, 1963 and has been teaching political science courses throughout the entire two-year period.

2/Lt. John L. McDaniel

An economics instructor for the past year, Lt. McDaniel was awarded a B.S. in industrial management from the University of Kentucky and his Masters of Business Administration from the same school one year later. While studying toward the advanced degree he taught economics as a graduate assistant. A member of Delta Sigma Pi, professional business fraternity, and Beta Gamma Sigma, business honorary society, Lt. McDaniel is assigned to the 12th TAC Fighter Wing's management analysis section.

Lt. Col. Alexander M. Sulloway

Deputy for Personnel of the

836th Air Division, this newest member of the Center's faculty holds a Bachelors degree in education, a Master of Arts in history and 56 graduate hours toward a Ph.D. in business administration or personnel management. Lt. Col. Sulloway's civilian experience includes teaching, coaching, directing athletics and serving as assistant principal. During his Air Force career he has been assigned as Personnel Staff Officer at various command levels and was Deputy Commander of Evreux - Fauville AFB, France for 3½ years. He has been teaching various courses throughout his military service and, having arrived at MacDill this past June, has already begun instructing history.

Major Luther D. Worley

For almost three years Maj. Worley has been on the Center's faculty as an instructor of accounting while simultaneously serving MacDill as the Base Accounting and Finance Officer. The former Tech Sgt. during World War II received his USAF reserve commission in 1951 and was called to active duty nine months later. Maj. Worley was awarded a Bachelor of Arts degree in accounting from the University of Oklahoma in 1949 and the equivalent of an M.B.A. through the AFIT program at Wright-Patterson AFB, Ohio.

END

Military Men Also Serve As Nation's Ambassadors

by Lt. Col. James Treadwell
USA (Ret.), Director, MacDill Center

The Armed Forces of the United States of America have expressed justifiable concern about the scanty linguistic ability demonstrated by the majority of our military men and their dependents.

The old concept that officers and enlisted personnel were strictly fighting men, with little or no responsibility to their country as ambassadors of good will is as dead as last week's newscast. Most great powers

EDITORIAL

Just In Passing

In presenting an over-all picture of our other "campus" . . . MacDill Air Force Base . . . we have attempted to give an insight into the scope of military educational programs, their impact on our nation's defense capability and the vital role your Alma Mater assumes toward developing the resources and potential of the professional military man.

Throughout the past weeks, a vast quantity of information and experience was made available to us in a spirit of enthusiastic cooperation. The entire effort would not have been possible but for the many hours given willingly and cordially by so many offices and individuals at MacDill.

On behalf of "The Muezzin", the University of Tampa and her alumni, we wish to express our thanks to: Col. John D. Collins, Jr., Base Commander; Capt. Raymond H. Henry, Lt. Don R. Gomez and the staff of the Public Information Office; Major Caris T. Hooten, detachment commander of the Avon Park gunnery range; S/Sgt. Jerry Medero and A/1C Darwin L. Wright of the base photo lab; Major Ernest R. Bradley and CM/Sgt. Frederick J. Baker of the 15th TAC Fighter Wing armament and electronic maintenance squadron; the doctors and corpmen of the base flight surgeons office; Major Richard I. Morrison and A/2C James A. Stuart of the 836th Physiological Testing Center; Major Walter V. Woods, T/Sgt. Larry D. McCarty, Capt. John C. Doying and your editor's "editor-in-chief", Capt. Richard D. Tindall, all of the 43rd TAC Fighter Squadron; Lt. Col. James W. Treadwell, USA (Ret.), his staff, the faculty and students at the MacDill Center.

The heavy commitments on time, equipment and manpower in every section throughout the 836th Air Division and U. S. STRIKE Command are so immense as to be practically incomprehensible. In view of this situation, the time and effort given toward making this issue possible serves to emphatically illustrate the value placed upon education in general, and your University of Tampa in particular, by our modern military forces.

To each and every one we are deeply appreciative . . . through each we have come to hold the utmost respect for their performance of duties involving intricate complexities and many burdens of responsibility. The personal sacrifices demanded of these men to maintain a high level of operational proficiency commands our highest recognition and esteem.

S. T.



Lt. Col. Treadwell has served as the Center's director for the past year. Prior to his retirement from the Army, he was with the Fort Knox Armor School for several years in both administrative and faculty positions. Lt. Col. Treadwell earned B.S. and M.S. degrees from Mississippi State University.

of the world have long recognized the necessity for their fighting men to know what natives of the country in which they serve are really thinking. With what better method can the military man and his family spread American ideals and distinguish between friend or foe, than to be able to speak to or observe what the stranger is thinking, or what technical advances he is making?

Today, the concept of the "Ugly American" has undergone a radical change. No longer is the service family expected to isolate itself from the civilian populace when serving in a foreign country, returning to the United States after a tour

"abroad" no richer in either the lore of the country or in friendships and understanding engendered by an intimate knowledge of the customs of the country in which it spent its three years.

The Department of Defense has recently established a policy which requires that the commissioned officer have a baccalaureate degree and proficiency in at least one foreign language. Procedure has also been established which will inform selection boards of the rate and currency of the officer's progress toward the established goal.

This new system is vital to

the careers of not only officers but also of other ranks who wish to attain higher grades or commissions.

For several years now, the University of Tampa has worked with the military services in offering the degrees of Bachelor of Arts and Bachelor of Science to personnel at MacDill Air Force Base.

Already 181 servicemen have earned degrees from this fully accredited university, and hundreds of MacDill personnel are taking advantage of our "on-base" program each month.

END

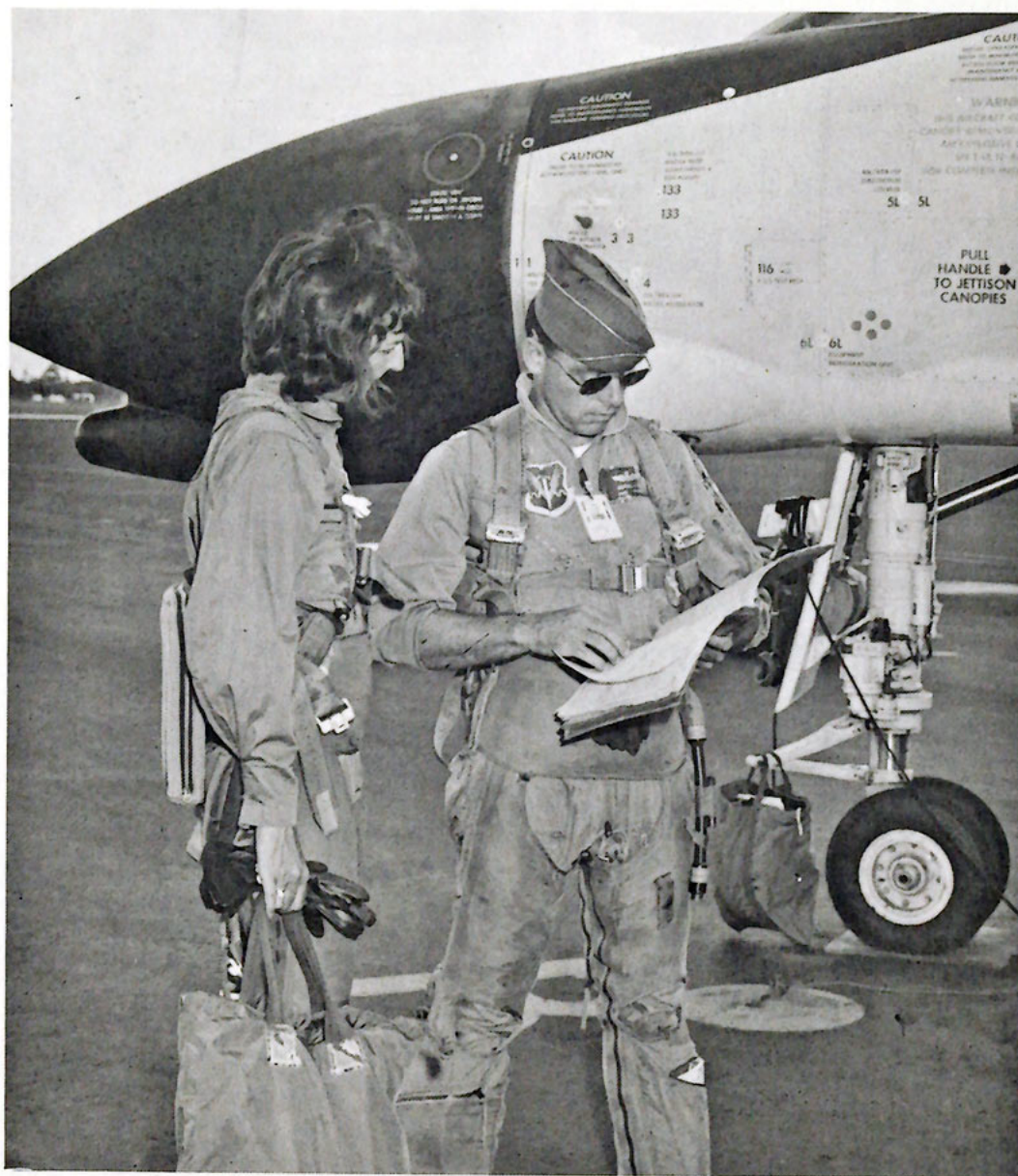
SPACESUITS and SHEEPSKINS . . . WHY?

by Suzanne Tindall, Editor

To answer this question we researched, interviewed, read and re-read, underwent an extensive physical examination, trained in an altitude chamber and, finally, flew "back-seat" in a U. S. Air Force F-4C Phantom.

The answer lies in one simple fact . . . this age of aerospace computer technology, ultrasonic aircraft, Mars probes and space relay communication devices demands the utmost in skills and education from each and every man in our military forces. This is no longer the time when sheer physical stamina and a clean rifle are sufficient to fight a ground war . . . no longer the time when a pilot needs only keen eyes, goggles and guts . . . no longer the time when maintenance crews are composed only of mechanics working with wrenches and bailing wire.

Today, on every U. S. military installation in the world, young men in their late teens and early twenties are in positions within the lower ranks of having heavy responsibility. As electronic maintenance technicians, for example, it is not uncommon that upon their findings and recommendations components valued at several thousand dollars each are either replaced for repair or discarded as unusable. These men, some of whom earn less than \$200.00 per month, work in a laboratory atmosphere and have the equivalent job knowledge of electronic engineers. They are required to pinpoint the source of breakdown in a system such as that of inertial navigation for the F-4C Phantom. This may eventually mean



Prior to take-off, Capt. John C. Doying, pilot and MacDill Center student, reviews the aircraft's current maintenance status report with the author.

isolating a single component containing more parts within its one cubic inch than a table model radio. To indicate the precision required of such operations, a platform which serves as a workbench was installed by a *geodetic survey team!*

Basic schooling for maintenance personnel takes thirty-five weeks, followed by six

months of on-the-job training. Some of them later move into an electronics laboratory where the calibration of test equipment is made. To assume this job takes an additional thirty-five weeks of schooling before beginning work with the lab's six million dollars worth of equipment . . . no surprise then that these technicians are re-

... learning, unlearning, relearning ...

quired to know the material contained in manuals filling a 4-shelf, 8-foot long bookcase!

This is an example of the skills and knowledge required of even the lowest ranks in our modern military force. With every new development or innovation, with every advancement in rank and level of responsibility, there arises the need to re-train, to acquire more and more education. The crux of the situation is that nothing is static . . . changes and advances are being made at an ever increasing rate, calling upon an ever increasing rate of adaptation . . . learning, unlearning and re-learning . . . on the part of each man involved.

The Department of Defense, in stressing the need for college education, is verifying by policy what becomes apparent to any civilian touring a military installation . . . a high degree of technical capability is necessary to meet the demands imposed by the intricate, highly sophisticated systems utilized in all phases of military operations. A broad range of *liberal* knowledge is *equally* necessary to meet the demands imposed by the multi-national aspects of



Photo by Frank Hutchins

Military technical lab: Scientific education and training is extensive for technicians working in the Base Precision Measurement Equipment Laboratory. These men are responsible for the calibration of electronics test equipment and all measuring devices according to the specifications of the U.S. Bureau of Standards.

military politics and intra-service personnel and combat management programs.

The University of Tampa has become a leader and is setting the pace for other institutions to follow in serving military as well as civilian educational needs within a local area. This little publicized, recently assumed role has been carried out with surprising efficiency and immeasurable success.



Photo by Frank Hutchins

Military language lab: Liberal Knowledge is equally vital to the military man's performance of duties during assignment in foreign countries and while conducting certain exchange programs in the U.S. Shown here is Professor Henry Beltran conducting a Spanish class in the new language laboratory installed on MacDill AFB for University students.

"The set-up at MacDill Center is perfect! . . . Couldn't be better! Everyone is so helpful in every segment of the University's system," said June graduate Lt. Jack R. Petry of the 557th TAC Fighter Squadron. For the past three years, Lt. Petry has been enrolled for 9 credit hours every session. In February he took permissive leave to study on the main campus under the "Bootstrap" program. Married and the father of two children, he has had the burden of a fulltime job with classroom work every night after duty hours. Nonetheless, Lt. Petry was a Dean's List student and graduated with a 2.13 average. He is an F-4C aircraft commander and instructor pilot and, following a three-year tour of duty in France, he hopes to begin work toward a Master of Science degree in management or political science.

Every student enrolled at the University of Tampa's MacDill Center voices the belief that a broad, liberal education is extremely vital, both to themselves for individual enlightenment, and to their careers for the better performance of leadership tasks. As Col. Otis E. Winn of STRIKE Command noted: "The military is one tool available to

(Continued next page)

...motivation...appreciably higher at MacDill...

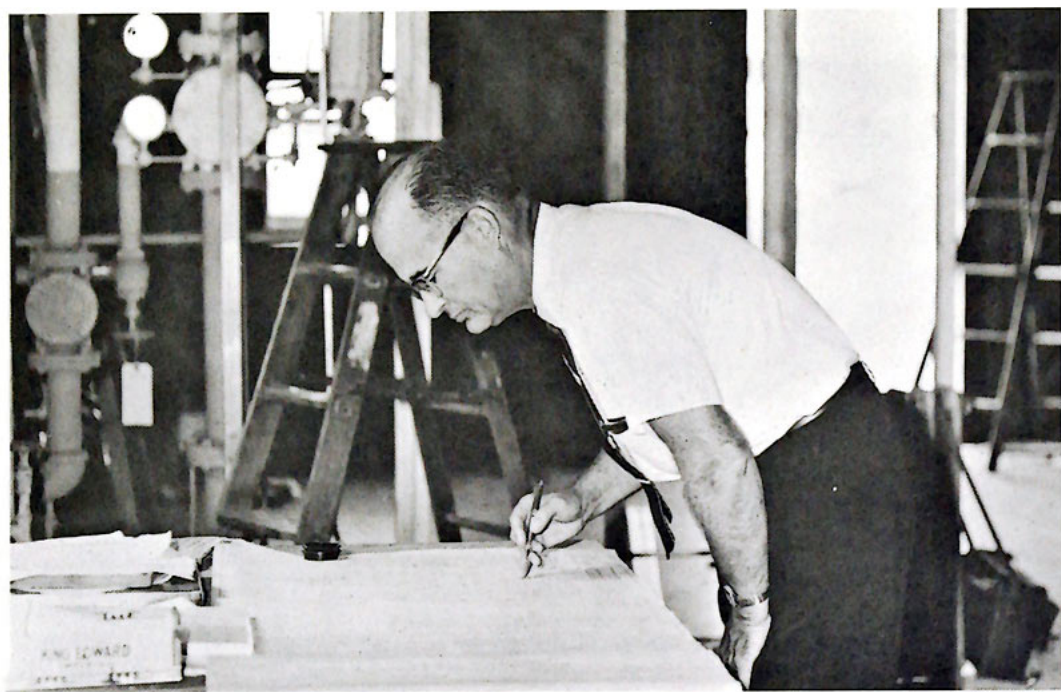


Photo by Frank Hutchins

While the MacDill Center building is in the process of being completely renovated, Lt. Col. James H. W. Treadwell, USA (Ret.), Director, studies blueprints outlining the exact specifications for offices, classrooms, and science and language laboratories.

bring about the necessary political conditions to live in a world of nations. Military personnel must be prepared to accomplish not only the technical tasks but tasks involving rhetoric in the art of persuasion, visualizing overall economic pictures, articulating programs and plans." Col. Winn went on to say that the military students are being prepared by their U. of T. education to be better civilians, too . . . that every course is a stimulant to the development of logic and broader understanding of the world's societies. "I am especially grateful to the University for affording me the chance to study in the Bachelor of Arts program. The University is helping to better prepare hundreds to meet the tasks they face in the maintenance of world peace." Col. Winn is Chief of Transportation, J-4 Directorate of Logistics. For the past two years he has taken night classes in addition to his regular 73-hour per week job. One of his four children, a son, Rodney, will enter the U. of T. as a freshman in September, 1966, just seven months after Col. Winn is awarded a B.A. degree in history.

One of the June, 1965 graduates was SP/7 Walter J. Parsick who works in computer programming for STRIKE Command. His B.A. in history followed two associate degrees in electronic technology and computer technology from the Milwaukee School of Engineering. The father of four children, he has taken four nights per week for two years to attain the goal of a baccalaureate degree. Next spring he will begin work on a nuclear engineering degree and with each advanced step he feels he becomes better able to serve his military job commitments.

The complexities of missiles, electronic data computers and other systems are increasing at ever more rapid rates. "Additional education enables us to better grasp and cope with these accelerated changes and to see the overall broad scope of change," said Major Ernest C. O'Steen, a currently enrolled student who is within 9 credit hours of obtaining his degree. A native of Ocala, Florida, he has been studying at the Center four nights a week for two years. Maj. O'Steen is the Logistic Plans Officer in the Direc-

torate of Logistics, STRIKE Command.

S/Sgt. Eddie L. Johnson, an instructor on the automatic flight control system for the F-4C, was granted a B.S. degree in business administration this past June. He is assigned to the 311A Field Training Detachment and teaches familiarization courses for maintenance technicians, pilots and crew chiefs. This teaching led him into wanting to increase his knowledge. "It makes you realize how little you know," he said. "I wanted to become certified so I can continue to teach following retirement from the Air Force. Self-improvement is the most important thing to me." This must be true. When Sgt. Johnson entered service 18 years ago, he did so without even a high school diploma. Through GED tests, night school and correspondence courses he earned first a diploma and later 42 hours of college credit. Twenty-seven months ago he began his formal classroom work at night at the MacDill Center and, when he had only 36 hours remaining, he entered the "Bootstrap" program and became a fulltime campus student.

The average military student's maturity, perseverance and desire for specific goal attainment is reflected in the fact that he consistently earns above average grades in spite of the numerous built-in stumbling blocks. At this point it should be noted that, according to knowledgeable sources, motivation toward furtherance of college education is appreciably higher at MacDill than at most other military installations. We were asked to analyze, during the course of gathering information for this article, why this favorable climate exists. In our opinion, one of the prime factors contributing to the enthusiastic acceptance of the University's program has been the fact that the U. of T., in effect, has taken

(Continued on Page 16)

SPARTAN SPORTS

by Mike Moore

The University of Tampa football team enters its second season of up-graded football this fall and the caliber of opponents the Spartans will tackle is sure to provide a formidable test for the 1965 team.

The Spartans promise to have one of the best teams they have fielded in years. Head Coach Sam Bailey had this to say about the 1965 squad: "We feel at this stage we should have one of the best teams Tampa has seen in a long time. We lost our starting ends and tackles and a couple of fine defensive backs from last year, but we feel the returning players and the additional players we have signed will be more than able to fill the openings. We have our entire offensive backfield returning and this is a group of boys that set nine new records last season. We also have a couple of real outstanding new players that might break into this offensive unit. Our spring practice was very successful and we were pleased with the progress our younger players made. We are definitely going to be a better balanced ballclub and more exciting to watch. I think we are going to be a team that all Spartan fans can be proud of and I hope that all of our alumni are able to come to the games this fall and enjoy the action."

The '65 Spartan football schedule and ticket information appears on the inside back cover of this issue.

The Spartans open their schedule with three road games against McNeese, Buffalo, and Mississippi State, then return to Tampa for six home games starting with North Texas State October 9. The Texans are always one of the top college teams in the south and are sure to provide plenty of competition for the Spartans in the home opener. Southwest Louisiana, the second home foe for Tampa,

MacDill Honors and Awards

Chester W. Clark, Jr. ('62) has recently been promoted to the rank of lieutenant colonel in the



U. S. Air Force. Lt. Col. Clark is currently assigned to the 3973rd Strategic Wing at Moron Air Base, Spain, where he is chief of the operations and training division.

Kenneth F. Holcombe, Captain, USAF, is on temporary duty in the Far East where he was awarded the Silver Star for his role as one of the aircraft commanders recently credited with the destruction of two enemy MIG fighters. Capt. Holcombe is within three credit hours of obtaining his degree from the U. of T. MacDill Center.

handed the Spartans their worst defeat of last year and this time Tampa will be looking for revenge. Delta State, who had a 7-3 record last year, is expected to be even stronger this season. Jacksonville State will be next on the schedule and Tampa will be out to make up for the opening game defeat they suffered at their hands last year. The Spartans have a week off and then take on the University of Maine. This will be the first trip to the Sunshine State for the Bears and they will be led by a quarterback who set 7 records at Maine last fall. The Spartans wind up the season with the 1965 Homecoming Game against Northern Michigan on November 20. Fans will

Brent C. York, SP5, U. S. Army, has been selected for training as a helicopter pilot and upon completion will be granted a commission as a warrant officer. Specialist York has attended night classes at the Center while working fulltime in his assignment with STRIKE Command.

Norman R. Shirley ('60), Captain, USAF, is working toward his Masters degree in business administration and is assigned to Whiteman AFB, Missouri.

James L. Edenfield ('61), A/2C at the time of his graduation, completed his officer training and now holds the rank of 1/Lieut. Lt. Edenfield is currently engaged in graduate study at Wright-Patterson AFB in Dayton, Ohio.

Glenn R. Bonifield, Jr. ('63), is a student in the College of Pharmacy at the University of Tennessee in Memphis.

Clayton W. Goffin ('64), completed his officer training and has been commissioned a 2/Lt. He is stationed at Tyndall Air Force Base, Florida. Lt. Goffin held the rank of S/Sgt. at the time of his graduation.

Thomas W. Moore ('64), former A/1C, has attained the rank of 2/Lt. through completion of officer training and has been assigned to Offutt AFB, Nebraska.

remember the last time Tampa played Northern Michigan in 1961. The Wildcats were rated as one of the top 5 teams in the country that year and the Spartans beat them 27 to 6. The boys from Michigan are sure to remember that game and will be hoping to turn the tables this trip. The Wildcats have never had a losing season under Coach Ferzacca since he took over in 1957 and last year they were ranked 19th in the final UPI poll.

From a glance at the opponents, the Spartans are sure to have a rough season but with the caliber of football they played in the spring, they should make all alumni proud to be at Phillips Field this fall.

END

Successful First Annual Alumni Day Features Noted Speaker, Class Reunion

Seventeen members of the University's original student body of 1931-32 were honored guests for the first annual Alumni Day held on June 5th in connection with commencement weekend activities.

Alumni from '31 to '65 gathered in the Student Center for breakfast and registration prior to being taken on guided tours of the campus. Of special interest was the Western Civilization Corridor comprised of classrooms refurbished and decorated to depict and commemorate various cultures throughout history.

Guest speaker for the buffet luncheon was Dr. Melvin A. Shader, director of scientific and academic programs for IBM Corporation. A native of Orlando, Florida, Dr. Shader spoke on "The Computer in a Changing Society".

Following the luncheon, a general meeting was held to discuss the new alumni program and general plans for the future development of alumni affairs. This was conducted by Capt. Kenneth P. Hance, Director of Alumni Relations, who has stated that Alumni Day will become an annual event featuring outstanding speakers on topics of current interest.

"This will give the University's graduates an opportunity to participate in commencement activities as well as those especially planned for Alumni Day," Capt. Hance said. "Renewal of acquaintances and seeing the changes and progress on campus will be of particular interest to those living outside the Tampa Area."

Concluding the highly successful and enthusiastically received day of events was an afternoon reception in the Student Center given by Dr. and Mrs. David M. Delo and an evening concert by the University's woodwind ensemble and the Spartan dance band.



The renewal of acquaintances, lively conversation and conviviality marked the University's Alumni Day which began in the lobby of the Student Center (above) where attendees gathered to register before breakfast in the Center's dining room.



Photos by Frank Hutchins



Alumni enjoyed guided tours of the Western Civilization Corridor. Dr. Melvin A. Shader, luncheon speaker, is shown at extreme right viewing an authentic cigarstore Indian on display in the Americana Room.



During the luncheon, Dr. Miller K. Adams introduced the members of the original class of '31, honored guests of the day.

Of special interest to all was Dr. Shader's enlightening talk on the use of the computer in modern day society.





Education Through Communication

by Dr. G. Truman Hunter

Educational Program Administrator
of International Business Machines, Inc.

12

Editor's Notes: Dr. G. Truman Hunter received his B.S. degree in mathematics from the University of Tampa, an M.S. degree in physics from the University of Florida, and his Ph.D. in experimental nuclear physics from the University of Wisconsin. While completing his education he gained academic experience as laboratory assistant at the University of Tampa and the University of Florida, and as research and teaching assistant at the University of Wisconsin. Dr. Hunter was an instructor in Communications at the Massachusetts Institute of Technology, and an associate professor of physics at the U. S. Naval Post Graduate School, Annapolis.

In 1950, Dr. Hunter joined IBM as an applied science field representative in the Applied Science Division, and was made assistant director in 1953. In 1956, he was appointed IBM educational coordinator for the New England University Cooperative Computation Program. He became a consultant in the Executive Development Department in March, 1957, and in October, 1959, project coordinator for IBM in the 1960 election activities working with the Columbia Broadcasting System on the tabulation and analysis of election returns. After completing this assignment, Dr. Hunter transferred to the Federal Systems Division as Advanced Management Control Systems manager, and in September, 1961, rejoined the staff of the Executive Development Department. Dr. Hunter was promoted to his present position as Administrator, Educational Program in the Data Processing Division, in May, 1962.

Among Dr. Hunter's professional associations are the American Physical Society, the Institute of Radio Engineers, American Association of University Professors, Association for Computing Machinery, and the Institute of Management Sciences. He is a member of Phi Kappa Phi and Sigma Xi, honorary fraternities. He was for four years a member of the board of trustees of the Port Washington Public School System. In 1961, he was awarded an honorary Doctor of Science degree by the University of Tampa.

The world is going through another ICE age, but this one has nothing to do with glaciers. It stands for Information-Communication-Education.

Stop to think about the interrelation of these three words. You can't discuss communication without including the other two. You don't communicate without passing along some information. And you don't relay information without some form of education.

Over the years man has communicated by word of mouth, by some kind of signaling and in written form. More recently, technological advances have made possible the transmission of

vast amounts of data between distant places. Communication can be said to have progressed through three stages: man-man, man-machine and, to the present time, when we have machines communicating directly to machines. As a matter of fact, it is estimated that by 1970 the nation's telephone wires will carry more information being sent from one machine to another than all the telephone calls between people.

Communication is becoming more scientific and the information communicated less abstract and more concrete. Scientists can communicate with space vehicles 50 to 100 million miles away. A needle which can not be seen by the human eye

at 75 feet can be detected by modern radar devices at 500 miles out in space. Sonar (underwater sound) devices can detect objects up to 500 miles away at sea.

We do not consider how recently such communication devices have become available. When President Lincoln was assassinated, the first of a series of messages went out from downtown Washington to military posts around the city one hour and 20 minutes after the occurrence. These messages were sent by soldiers waving flaming torches which could be seen only a relatively short distance away. A century later, the events surrounding the death of President Kennedy were heard and seen on television by millions of people, some of whom were located thousands of miles away at the same time they took place.

One college professor has estimated that his working life has been increased from an actual calendar time span of about 35 years to an equivalent time of 350 years through the availability of data processing equipment for doing his calculations.

It is estimated that 90% of all the scientists that have ever lived are alive and working today. Moreover, as a result of this increased effort, the world's body of knowledge is doubling every eight to ten years. In order to communicate this knowledge, about 50,000 journals are published each year. Since people cannot keep up with such a volume, however, several hundred abstracting journals are published each year. But even this is too much for even the fastest reader to digest, so several indexing journals are published to index the abstracting journals which abstract the journals.

Since people cannot speak, hear, write or think at rates fast enough to handle this amount of data, machines have been developed which can print several hundred lines of information a minute. A combination of television and photographic techniques processes the data faster. Machines can now give answers by voice, an example being the computers at the New York Stock Exchange which provide stock quotations over the telephone. Computing machines which can reduce, rotate, duplicate, straighten, etc., drawings to produce two or three dimensional line drawings are now being used in various fields of engineering.

Machines can process literary data also. They have been used for concordances, to control hyphenation and justification of text for newspapers, to fill in missing words in the Dead Sea Scrolls and even, on an experimental basis, to write abstracts of technical articles. They can even do a fair job of translating technical material from one language to another.

It is estimated that the computing machinery developed in the past 15 to 20 years has increased in power over hand calculation ability by 1,000,000 times while the cost per calculation has decreased about 1,000 times. Whenever changes of this magnitude take place, they have a profound effect on our culture.

These developments have taken place so

quickly and recently, that they are understood by only a very limited group of technically trained people. The majority of our adult population does not understand mathematics, science or machine technology very well. Nor do they understand how machines, such as computers, work—even though they are used to produce their gas and electric bills, handle their checking accounts, etc. In fact, most people look upon machines, such as computers, with a combination of awe and fear.

This is a rather sad commentary—not only on formal education, but on the informal variety which continues through an individual's life.

We can no longer say that a person graduating from high school or college or even a person receiving a graduate degree has education to last for the rest of his life. Education must be a dynamic rather than static accomplishment. A flight engineer's career came and went in about 15 years after World War II. The steam locomotive completely disappeared in about 12 years. There was a time when an individual would have only one job in his working lifetime—now it is common to expect that people will have several different jobs or at least several different types of work during a lifetime.

Colleges, universities and public school systems must greatly improve adult education programs to provide meaningful education in addition to the present programs, which are mainly recreational in nature. Colleges must adapt their programs to the changing culture, which means changing not only the contents of a few courses to include perhaps a bit more technology, but also the length of courses, subject matter, educational procedures and the entire spectrum of the communication of information to students.

Public and private school systems must also change. Children must be educated to understand the use and place of machines as they affect their everyday lives. After all, a six-year-old child can operate and derive a great deal of informal education from such devices as television sets, radios and phonographs. They are quite used to typewriters, airplanes, automatic furnaces, stoves, washing machines, can openers, etc.

In our society, which is seeing more and more families with two cars and several radios and television sets, we should see more typewriters made available to students of all ages. For some time to come, the typewriter will be the important link in man-machine communication.

We must also try to improve the education of the older teachers. And more important, we must see that new teachers have the education necessary to communicate with students and relate their lives not only to the past, but to the future. We must have a great deal of research to understand the processes of communication and learning. Activities in the fields of programmed instruction and so-called "learning machines" are only a bare beginning toward developments which promise a great deal of change and increased effectiveness in education and communication. Interestingly enough, probably half of

(Continued on page 16)

Message from the Director of Alumni Relations

A fellow alumnor recently gave an address that your Director feels should be repeated. His topic was entitled "Trust not Sentiment".

He stated that trust came about as a result of thought. Trust makes the alumnus believe in the rightness of his school until proved wrong. Although love and loyalty are traits greatly to be desired in former students, it seems that trust in Alma Mater is even more significant.

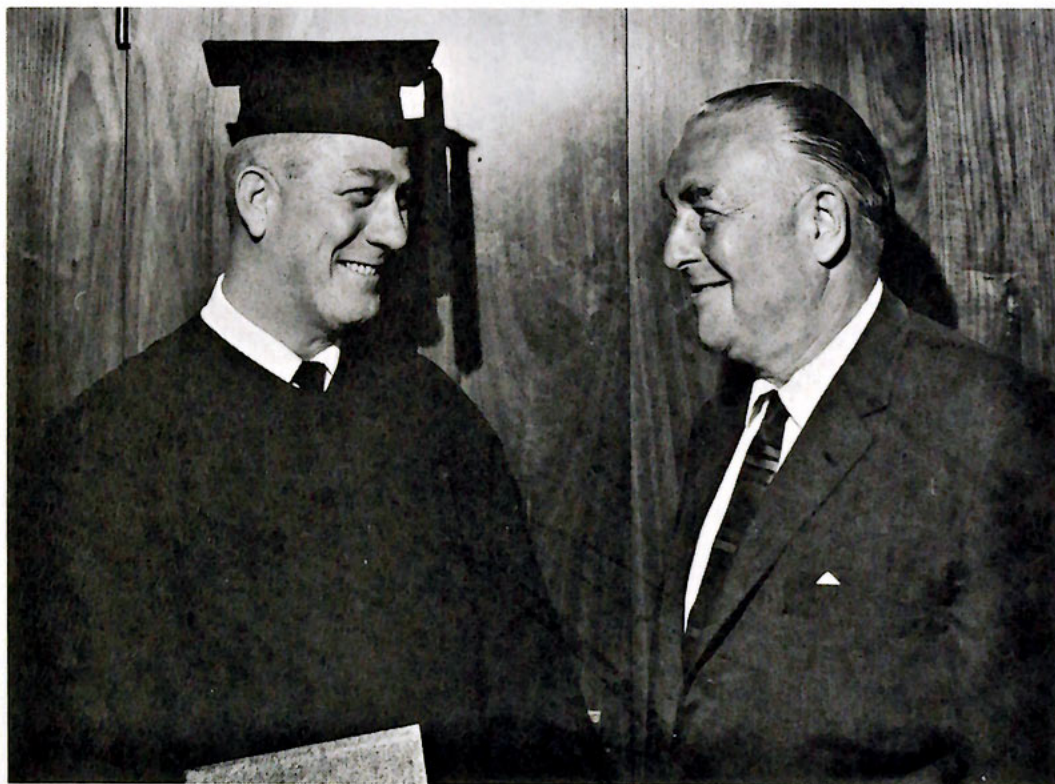
Trust is something that must be built mutually. It begins with the prospective student, continues on through his college days, and after graduation.

We believe that your Alma Mater and Association are worthy of your trust. That is the way we want it to be. We realize that it is hardly possible for a student to go through the halls of this or any other University without having some bad experience. However, we should also concern ourselves with the great experiences that we have had and these will far outweigh the others.

Your Association has urged your participation in our program of assisting our Alma Mater in its growth and development. When you hear statements that you question you should find out from the proper source. Tampa Alumni have rendered ambassadorial service through the years that could not be purchased for any price.

Perhaps the days ahead may hold in store greater problems to be faced than those in other days. It is our desire that you continue to trust your Alma Mater and continue to assist her in the building of a bigger and better University.

KEN HANCE



Captain Kenneth P. Hance, USN (Ret.), Director of Alumni Relations, was congratulated by University President Dr. David M. DeLo, upon his graduation with the June class of 1965. The final award of a Bachelor of Arts degree marked the culmination of a college career that began at this same university in 1933. A native of Tampa, Capt. Hance's education was interrupted by 26 years of active duty service in the U. S. Navy. Following his retirement in 1963, he returned to Tampa to complete the requirements for a degree and at that time accepted his present position on the University's staff.

In Memorium

Dr. Ellwood C. Nance on May 27, 1965, in Tampa, Florida. Dr. Nance, president of the University from 1945 until his retirement in 1957, was a well-known author and religious leader as well as educator. He received numerous awards for his leadership and his writings. He was the recipient of three honorary doctorate degrees and in 1949 was voted the Outstanding Citizen of Tampa. Under Dr. Nance's administration, the University received accreditation from the Southern Association of Colleges and Secondary Schools in 1951, one of his stated goals upon assuming the presidency.

Dr. Robert L. Mohr on July 13, 1965, in Tampa, Florida. A professor in the Department of Education, he had been a member of the University's faculty since 1948. Dr. Mohr was a member of the Brethren Church, Lions Club and Phi Delta Kappa, honorary education fraternity. A native of Pennsylvania, he received his B.S. at Juanita College; M.S. at LeHigh University and Ph.D. at the University of Pennsylvania.

Alumni Awards Presented To Outstanding Seniors

Recipients of the annual University of Tampa Alumni Association awards to the outstanding graduating seniors were Miss Elizabeth Madzula of Yonkers, New York, and Mr. John Hines of Boston, Massachusetts.

Engraved plaques were presented this year's winners by Mr. Sam Giunta, president of the Association at the Honors Convocation in the Falk Theatre.

Selection is based upon outstanding scholarship, leadership and service to the University.

THE **Muezzin** NOTES . . .

1938

DR. MYRON L. ASHMORE is the present Superintendent of Public Instruction for Broward County and Secretary to Nova University's Board of Trustees.

1950

GUY T. BAGLI, a sports analyst with WFLA, received his Silver Eagles signifying promotion to colonel in the Air Force Reserve.

GERALD A. SABIN is a candidate for the Master of Science degree from Rollins College. He received a Bachelor of Science degree in education while attending this University.

1952

DAVID K. HOSTETLER received his Ed. D at the university of Virginia with specialization in Guidance. The last three years he has been employed by Florida Presbyterian College in St. Petersburg.

1956

ALVIN LEATHERS was married on June 14 to the former Rosemary Hurley. Mr. Leathers is the head coach and athletic director at East Bay High.

HENRY WEINSTOCK received the Doctor of Education degree from the University of Georgia and has accepted an appointment as assistant professor at Kansas State University. He will direct their secondary science preparatory program. He is married to the former **JEAN WALKER**, a 1961 graduate of the University of Tampa.

1960

RICHARD J. LOVETT has been appointed district manager of James N. Cardwell & Associates, a representative of the Massachusetts Mutual Life Insurance Company. He received his degree in psychology and was president of the student body.

GERALD L. VOYE has been installed as pastor of the First Presbyterian Church in North Palm Beach, Fla.

WADE G. BIRCH has been awarded a \$2200.00 graduate assistantship from Indiana University to help complete his work toward a Doctor of Education degree.

MARY FRANCES RHODES has announced her engagement to William Barnes. Miss Rhodes is now employed as a stewardess for American Air Lines. An August wedding is planned.

1961

TONY BOOTH was recently selected by the Tampa Times for his greatest moment in sports. It came in 1964 when he directed Palma Ceia to an undefeated season and the city title in swimming. He is now a sales representative for Scholarship Club, Incorporated.

FRED J. WOODS JR. was recently installed as president of the Downtown Civitan Club, Tampa, Fla.

1962

CHARLES TOMA TRUELOCK was married on June 11 to the former Nancy Collins.

GILMORE A. DOMINGUEZ was married to the former Patricia M. Pupello. Mr. Dominguez received a B.S. in business administration and is employed by the Sel-Man Corporation.

1963

JEANETTE Y De GUZMAN has received her Master of Arts degree in Spanish Literature from Cornell University. She is continuing for her Ph.D. in Hispanic Literature.

ROBERT GERALDI has been awarded a \$2000 graduate assistantship in Spanish at the University of South Carolina.

SALLY GIROIR became the bride of H. Grady Sweat on July 10.

JOYCE MAYS married Tom Traina on June 27. She was an education major and is now teaching at Olsen Junior High School in Fort Lauderdale.

ELVIRA LUCIA RODRIGUEZ became the bride of Joe Curtis on June 12. She is now on the faculty of Egypt Lake Elementary School.

JAMES RUSSELL WILSON received his Master of Business Administration degree from Rollins this past June.

1964

JOHN PELLEGRINO has been named the new basketball coach at Robinson High next year. John was a leading player on the Spartan basketball team during his playing days.

NANCY ANN STREETER and **KENNETH MEYER** were married on June 26. She has been teaching at Miles Elementary School in Tampa. Mr. Meyer is a graduate student at the University of Omaha.

WILLIAM HARRY SPENCER will be married to the former Victoria Jeanne Sohn. He received a B.S. in Business Administration and is employed by the Spencer Farms.

1965

STANLEY W. MOREY has been awarded a three-year \$7200 teaching fellowship in biology at the University of Florida.

PAUL W. BABIKOW has received a \$1600 graduate fellowship in mathematics at Johns Hopkins University.

RITA E. OWEN has received a \$1500 National Defense Loan to study for a master of arts degree in international affairs at George Washington University.

PAUL WHITE will be doing post graduate work at the University of Florida in architecture.

RON BRETT has been appointed a coach at Leto. He was a stand-out gridder for the Spartans for the past three years.

Spacesuits and Sheepskins (Con't. from Page 8)

the campus and the classroom to the student.

Rather than increasing the serviceman's already numerous obstacles to furthering his education . . . lengthy duty days, minimum income, frequent and often prolonged "TDYs" . . . the entire administration and many members of the faculty have, instead, increased their own workload and administrative problems in order to setup counseling programs, offices, laboratories and classrooms on MacDill Air Force Base. This type of educational facility on a military installation is rare, indeed. The U. of T. is one of the very few institutions that actively facilitates education of military personnel by establishing an on-base center, adjusting and scheduling courses to meet current requirements and, in every possible way, considering the general needs and problems peculiar to service-connected educational endeavor.

A language lab, at a cost of approximately \$10,000, is being setup and will be one of the finest of its kind in the country. A new science laboratory is under construction within the Center's main building which is now in the process of being remodeled. All in all, every effort is made to afford the finest in classrooms, facilities and faculty, and to make it readily accessible to the serviceman during his off-duty hours.

Off-duty hours . . . spare time . . . is, more often than not, a hard-to-find, highly treasured commodity. To illustrate this point one might well consider the life of Capt. John C. Doying, fighter pilot and University of Tampa student, with whom we flew on an orientation ride in the F-4C Phantom. Capt. Doying owns his own home in St. Petersburg where he lives with his wife and seven children. During the summer session he has been driving early in the morning to the University's campus for classes until noon. Every afternoon is spent at his squadron performing his usual duties. On Tuesdays and Thurs-

days he drives back to the campus for evening classes before returning home to study for the next day's assignments.

His "usual duties" at the 43rd TFS are varied and complex as we were to discover repeatedly throughout the week-long, pre-flight orientation and again during the flight itself. To understand the myriad facets of the job one must first consider that the F-4C Phantom has a mach 2 plus capability; i.e., can exceed more than twice the speed of sound. The two-engine jet fighter-bomber is manned by a two-pilot crew and can carry a bigger bomb load than the World War II B-17. It is the newest addition to the U. S. Air Force's operational-ready inventory.

It became obvious to us that as an F-4C aircraft commander and standardization and evaluation pilot, Capt. Doying's responsibilities are such that all he has to know is everything . . . that the only level of adequate proficiency is perfection. These responsibilities include administering written proficiency exams and flight checks to other pilots; i.e., semi-annual tactical evaluations (simulated combat flights), instrument checks and "vertigo" checks. At the same time he must maintain his own capability in delivering nuclear and non-nuclear weapons and missiles; knowing contingency target plans, all aircraft and weapons systems, air combat maneuvering tactics, air intercept procedures, day and night refueling operations, and visual, radar and inertial navigation techniques. To complete the picture, he is also responsible for the continuation training in all these areas of his pilot crew member.

Somewhere in his "leisure hours" he finds the time to build a tree house for his sons, repair the lawn mower and take his wife grocery shopping. "It's a matter of time-utilization," said Capt. Doying. "I want my children to realize that it takes a lot of hard work to accomplish anything really worthwhile. I

Education Through Communication

(Con't. from Page 13)

the present accomplishments in programmed learning appear to be due to the very simple concept of careful planning and procedure of what is to be taught one small step at a time.

Present indications are that powerful data processing equipment with large storage facilities and powerful logic ability, along with auxiliary devices such as typewriters, television displays, slide projectors, and audio units, will be very effective in expanding educational opportunities. They will provide individual instruction and provide far more information about the individual student's ability than is now available to teachers in the usual classroom situation. These devices will change our present concepts of a class size and building construction for educational institutions. They will allow considerably faster rates of communication of ideas and concepts to students.

This is why it is imperative that we spend far more time and effort on the relations between man and communication processes.

END

hope to set an example for good study habits and to instill in them a desire for higher education . . . the very things I lacked when I first started college in 1948."

Capt. Doying's high motivation and determination is typical of the MacDill Center student . . . it exemplifies the prevailing attitude toward the University of Tampa and the goals that both students and your University are striving to attain.

The insight we have gained from the research, the interviews and the flight, itself, has been immeasurable. Through our eyes we hope that you, the alumnus, have also gained an insight into the University's accomplishments in serving the local military community . . . a dynamic part of your alma mater's progress.

END

THE SPARTAN



UNIVERSITY OF TAMPA 1965-1966 FOOTBALL SCHEDULE

SEPTEMBER	18	AWAY	McNEESE
SEPTEMBER	25	AWAY	BUFFALO
OCTOBER	2	AWAY	MISSISSIPPI STATE
OCTOBER	9	HOME	NORTH TEXAS STATE
OCTOBER	16	HOME	SOUTHWESTERN LOUISIANA
OCTOBER	23	HOME	DELTA STATE
OCTOBER	30	HOME	JACKSONVILLE STATE
NOVEMBER	6	OPEN	
NOVEMBER	13	HOME	MAINE
NOVEMBER	20	HOME	NORTHERN MICHIGAN

Buy A Season Ticket - Get One Game Free 6 HOME GAMES

IN SECTIONS I, J, K, SOUTH and NORTH \$15.00

IN SECTIONS H, L, NORTH and L, SOUTH \$12.50

INDIVIDUAL GAME PRICES

ALL GAMES RESERVED	\$3.00 - \$2.50
GENERAL ADMISSION	\$1.75
END ZONE SEATS	\$1.00
STUDENT ADMISSION	\$1.00

(All prices include 5% tax)

PARKING INSIDE STADIUM WITH
STADIUM TAGS ONLY \$15.00

For Ticket Orders Call: 251-1798
257-6401

Write: UNIVERSITY OF TAMPA
DEPARTMENT OF ATHLETICS
TAMPA, FLORIDA 33606

SPARTAN SEASON TICKET ORDER BLANK

Name..... Phone (Business).....

Address..... Phone (Residence).....

City.....

Business Affiliation.....

No. of Season Tickets @ 15.00 (Individual Season)
@ 12.50 (Individual Season) Total.....

Please check preference for seating. ☐ Row more important than yardline Comment.....

☐ Yardline more important than row

☐ Use your own judgment

☐ All tickets must be grouped together

☐ North Stand ☐ South Stand

☐ Stadium Tag

Checks or money orders must accompany orders.

Signature.....

University of Tampa Calendar of Events

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
S E P T E M B E R				1	2	3	4
	5	6	7	8	9	10	11
	12	13 Faculty Workshop International Room Student Center	14 Faculty Workshop International Room Student Center	15	16 Freshman Registration Evening Division Registration 6-8 P.M.	17 Upper Class Registration Evening Division Registration 6-8 P.M.	18
	19	20 Beginning of Classes	21 Formal Convocation 9 A.M. Falk Theatre	22	23	24	25
	26	27	28	29	30		
O C T O B E R						1	2
	3 3-week show paintings by Roubidoux and Rampolla LaMonte Gallery	4 Student Center 3-week exhibit Painters of the Western World	5	6	7 8:30, Falk Theatre, Tampa Lyric Theatre Production "South Pacific"	8	9 Football 8:15 Spartans vs. North Texas State Phillips Field
	10 Matinee "South Pacific" Falk Theatre	11	12	13 Film Classics "Little World of Don Camillo" 8:15, Falk Theatre	14	15	16 Football 8:15 Spartans vs. Southwestern La. Phillips Field
	17	18	19	20	21	22	23 Football 8:15 Spartans vs. Delta State Phillips Field
	24 3-week show of Impressionists Prints LaMonte Gallery	25	26	27 Film Classics "Requiem for a Heavyweight" 8:15, Falk Theatre	28	29	30 Football 8:15 Spartans vs. Jacksonville State Phillips Field
	31						

The Muezzin
Published by the University of Tampa
Plant Park — Tampa, Florida 33606

Postmaster: If undeliverable as
addressed, Form 3547 requested

Non-Profit
Organization
Postage Paid
Tampa, Fla.
Permit No. 27