

Florida Tech TODAY

A magazine for Alumni and Friends of Florida Institute of Technology FALL 2008

1958

50th ANNIVERSARY
*Florida Institute
of Technology*
High Tech with a Human Touch™

2008

In This Issue: **Reaching for the Stars | Building the 21st Century Campus
Building Human Capital | Looking Back on 50 Years
Charting The Course | Homecoming 2008**

President's Perspective

Dear Florida Tech Alumni and Friends,

Welcome to the commemorative 50th Anniversary edition of *Florida Tech TODAY*!

We are engaged in an exciting time in the history of the university, celebrating the completion of the first five decades of Florida Institute of Technology.

In this 50th Anniversary edition, you'll learn about key turning points in the university's history from Florida Tech's resident historians, Dr. Gordon Patterson and Dr. Robert Taylor. The article provides fascinating insights into the people who molded the university we love today, and the important decisions they made.

In addition to this broad historical overview, you'll learn more about the origins and direction of each of Florida Tech's six colleges. At the heart of these stories is the untold tale of the academic development of Florida Tech. Our transformation from the "Night School for Missilemen" to an emerging world leader in a variety of fields is the result of hard work and wise decisions along the way.

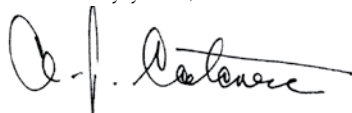
Other features in this issue include an alumni profile of Florida Tech's first alumnus, Reagan DuBose. Reagan will join us at homecoming in October as the parade's grand marshal. Our faculty profile features Dr. Richard Turner, part of the biology faculty for more than three decades.

Our athletics section will feature the national championship teams, all to be honored at our 50th Anniversary Hall of Fame banquet this fall. Remarkably, the athletics department is nearly as old as the university itself and remains a key component of campus life.

Finally, you'll learn what my vision is for the next 50 years and where Florida Tech might be when we celebrate our centennial in 2058. I won't give too much away here, but suffice to say I believe our future is a bright one.

In the meantime, I hope to see you at a very special homecoming this October, details for which you can find inside. Until then, I remain

Sincerely yours,



A.J. Catanese, Ph.D., FAICP
President



Look for this symbol throughout the magazine to find stories and events for the Golden Anniversary.

Florida Tech TODAY <http://today.fit.edu>

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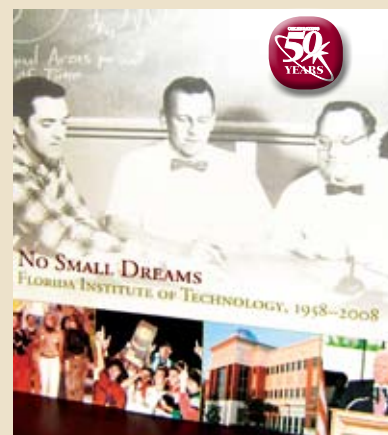
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Cover Story: *Reaching for the Stars*. 50th Anniversary coverage starts on page 4.



Athletics: *Decades of success for the Florida Tech Panthers*. See pages 38–41.



The limited edition book *No Small Dreams: Florida Institute of Technology 1958–2008* is now available. See pages 17 and 37 for more information.

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Florida Tech's 50-year history is one of the right people, at the right time, making the right decisions.

features

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Construction will be a big part of the start of Florida Tech's sixth decade, with more than \$75 million in new buildings either finished or under way. Today, as has been the case historically, Harris Corp. is standing shoulder to shoulder with Florida Tech.

10 Building Human Capital

Florida Tech's six colleges have arrived at the Golden Anniversary in very different ways, but all are committed to providing high technology with the human touch.

15 Looking Back on 50 Years

The world has changed a great deal since 1958, and so has Florida Institute of Technology.

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This issue's cover offers a sneak peak of the fine details incorporated by Melbourne artist Derek Gores when he created a commemorative painting for Florida Tech's Golden Anniversary. See page 26 for the full story and ordering information.

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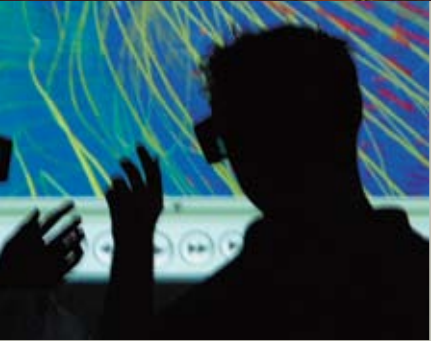
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Reaching for the





Stars



The Remarkable Story of Florida Tech is One of Inspirational People Making Inspired Decisions

Every Panther by now knows the story. Florida Institute of Technology founder **Jerome P. Keuper** was working at Cape Canaveral for RCA, one of the many scientists and engineers at the forefront of America's race for space.

One evening, at the Pelican Lounge in Indian Harbour Beach, Keuper complained long and loud about the lack of a higher education alternative for those working at the Cape. He worried that too few of his co-workers held graduate degrees and worried further that this lack would harm the American efforts.

Some time into the conversation, a friend of Keuper's dug into his pockets, pulled out 37 cents and slapped it on the table. "There's your first donation, Jerry. Now, go build that college."

Or so the story goes. ▶



“What it came down to was the F.W. Olin leadership asking itself where they could make the most impact.”

Continued from page 5

No one knows for sure if the story is more reality than myth, but Florida Tech Professor **Gordon Patterson** does know when the Brevard Engineering College (BEC) went public.

“In June of 1958, Keuper hosted an engineering cotillion at the Trade Winds Hotel in Indialantic,” said Patterson. “It was the first fundraiser for the new college. From this funding, Keuper was able to place ads in local newspapers announcing classes that fall. And so a college was born.”

During its first three years of existence, the new college had a vagabond lifestyle, with classes moving from location to location. The need for a permanent home came to a head when the superintendent of schools in Brevard County threatened to close the college because it had enrolled an African-American student.

When **Julius Montgomery**, one of the African-American students, learned of the impending crisis, he agreed to withdraw from classes in order to save the fledgling college. Today, Florida Tech honors Montgomery each year with the presentation of the Julius Montgomery

Pioneer Award, given to an important leader in the Space Coast’s African American community.

In 1961, Florida Tech moved into its permanent home thanks to a donation of 40 acres from the former University of Melbourne. In fact, 1961 was a pivotal year for a number of reasons, according to Patterson.

“In 1961 BEC landed at its current location and immediately began to build new buildings,” said Patterson. “But two other milestones that year went a long way toward establishing the college’s legitimacy. First, **Reagan DuBose** became BEC’s first graduate. Second, **Eileen Hall** was hired to be the college’s first librarian.”

Indeed, the establishment of the library was to be the cornerstone of the college’s successful first decade. It was because of the library, Patterson said, that the college was able to achieve accreditation in 1965, just seven years after its founding and a startling one year after beginning the accreditation process.

Another milestone in 1965 would forever change the role of the institution.

“In 1965 construction was completed on the first dormitory, Brownlie Hall,” said Patterson. “This was a seismic shift for the college. In 1958, the average age of a BEC student was 33. With the completion of this dormitory, Keuper and his colleagues were announcing that they were moving BEC into the domain of traditional colleges and universities.”

The reasons for this change were both personal and practical, according to Patterson.

“There were two factors behind the decision to become a residential institution,” he said. “First, Keuper and the founders were very much influenced by their own academic experiences. Our quad is homage to the quadrangle at M.I.T., for example. By the mid-60s, people at the cape were already wondering what would be next after Apollo. Additionally, in going traditional, the leadership were making their own preparations for a future without launches and the race to the moon.”

To further cement this shift to a traditional college, Keuper hired **Andy Seminick** in 1965 to be the college’s first athletics director. A year later, BEC had become Florida Institute of Technology.

Also arriving on campus in 1966 was the unassuming personage of **John Miller**. Every alumnus who holds a non-space sciences degree from Florida Tech owes a debt of gratitude to Miller.

“After 1966, Keuper handed off the building of academic programs to Miller,” said Patterson. “Miller created a community of scholars and in so doing built the academic programs that are the backbone of the university.”

Two decades later, Keuper would hand off the presidency itself to Miller. Miller served the university at a crucial time, presiding over difficult decisions to eliminate some the university’s more far-flung and expensive enterprises. He did this important work while a search committee looked for his successor.

“Miller’s presidency was essential because it came at a time when Florida Tech faced formidable challenges,” said Patterson. “But Miller was able to pass to Lynn Weaver a leaner university capable of soaring again. It is no accident that the presidential office building is named in his memory.”



Robert Taylor, Humanities and Communications Department Head



In the end, they felt they could change the nature of Florida Tech, and they did.” —Robert Taylor

During the first decade of his presidency, **Lynn Edward Weaver** built a new infrastructure for the university. This manifested itself in two ways—the physical infrastructure of new sidewalks, paved parking lots, street lights and the like—and the academic, with a new emphasis on research not seen before in the university’s history. And all the while, Weaver chased the golden ring. In 1997, he caught it, earning the largest donation in the university’s history from the F.W. Olin Foundation.

Head of the department of humanities and communication **Robert Taylor** said the process for Weaver and the university’s leadership to earn the initial \$50 million pledge was a long one.

“It took Weaver and the board several years to convince the F.W. Olin Foundation to support the university—it was quite the daunting task,” said Taylor. “What it came down to was the F.W. Olin leadership asking itself where they could make the most impact. In the end, they felt they could change the nature of Florida Tech, and they did.”

Weaver’s key ally during this time period was Florida Tech’s chairman of the board of trustees **John T. Hartley**. Hartley, the president and CEO of Harris Corp., was instrumental in the university’s efforts.

“I don’t think anyone labored harder than Jack Hartley,” said Patterson. “He staked his reputation on the success of Florida Tech and its mission.”

Hartley’s efforts on behalf of the university cannot be overstated.

“The 21st century for Florida Tech began in 1995 (with the F.W. Olin Foundation negotiations),” said Patterson. “We entered a new era in which dreams were to become reality. The door to today’s university was opened in those conversations with F.W. Olin in 1995.”

The original gift from the foundation also created the F.W. Olin Engineering Complex, the F.W. Olin Life Sciences Building and the F.W. Olin Sports Complex.

On the heels of the F.W. Olin gift came Florida Tech’s Campaign for a Rising Star. Focused primarily on increasing the university’s endowment, the campaign did so successfully, from just over \$1 million to more than \$34 million.

An equally impressive result of the campaign was the donation that led to the construction of

the Charles and Ruth Clemente Center for Sports and Recreation.

“The Clemente Center has made a huge difference in the life of our student body,” said Taylor. “And, its impact on our athletics program has been immeasurable.”

The F.W. Olin Foundation made one final gift to the university, resulting in the construction of the F.W. Olin Physical Sciences Center, home of the state of Florida’s largest research telescope.

Today, the university is entering the seventh year of the presidency of **Anthony J. Catanese**. Under Dr. Catanese’s leadership, Florida Tech has launched an extremely successful Golden Anniversary Campaign and is in the process of undergoing construction valued at \$75 million. As a result, the university’s physical footprint will grow by 20 percent in the next 18 months.

For Taylor, this growth is symbolic of the dawn of a new era at Florida Tech.

“Florida Tech is once again in the process of reinventing itself with new buildings and new academic programs for these new buildings,” Taylor said. “As a result, we’re moving into a higher orbit in the life history of the university.”

The new buildings include the Scott Center for Autism Treatment; the Harris Center for Science and Engineering; the Ruth Funk Center for Textile Arts; Harris Village, including residence halls named in honor of Hartley and Board of Trustees Chairman Phillip W. Farmer; a new dining hall and a new Olympic-sized swimming pool and diving well.

Taylor knows that the first 50 years are only the beginning, but as a historian, he can’t help but marvel at all that has been accomplished.

“The usual rules for growth don’t apply at Florida Tech,” he said. “We’ve done in 50 years things that have taken traditional universities 150 years.”

Jay Wilson



Gordon Patterson reviews historic photographs.



Building the 21st Century

In 2008, spring was busting out all over at Florida Tech as golden shovels full of dirt flew and earth-moving machines rolled onto campus. Thanks to many generous donations to the Golden Anniversary Campaign for Florida Tech, three groundbreaking celebrations celebrated new buildings in April and May and the biggest research telescope in the state received a champagne dedication in April.

Area businessman, co-founder of the Center for Global Development in Washington, D.C., and Florida Tech Trustee **Ed Scott** made a major donation to fund what will become the Scott Center for Autism Treatment. To this, the

Health Resources and Services Administration chipped in with \$2.4 million in federal funding, bringing together the necessary \$5 million to complete the center.

The two-story south campus building, encompassing about 18,000 square feet, will provide services for individuals with autism spectrum disorders. It will also offer training for parents, teachers and other professionals and research on effective treatments for autism.

The much-anticipated groundbreaking for the Ruth Funk Center for Textile Arts occurred. To become the only

textile museum in the state of Florida, the facility is going up in the heart of campus, between Evans Library and the Botanical Garden.

A \$1.25 million campaign gift from Trustee **Ruth Funk**, artist, teacher, collector and

philanthropist, makes the two-story center possible. The museum will feature 3,000 square feet of exhibition space, 2,500 square feet of storage and work space, and 700 square feet for a mezzanine library, lobby and grand stairway.

The center's mission is to preserve and display an international collection of textiles through rotating public exhibitions and educational programs. Highlighting the collection are traditional hand-made textiles, embroidery, garments and related accessories from many nations; European and North American embroidery, lace and samplers from the 17th through 20th centuries; and contemporary wearable art.

Construction has also begun on the Harris Center for Science and Engineering, located just south of the F.W. Olin Physical Sciences Center. Funding of \$5 million for the project came from the Harris Corp. Charitable Fund, held by the Community Foundation of Brevard. The university's already substantial reputation in information assurance served as a catalyst for the gift.

The third floor of the building will house the Harris Institute for Assured Information, which includes office space, computer laboratories and a multiuse media presentation area. The second floor will be divided between computer science and biology laboratories and offices. The first floor, containing offices, classrooms and laboratories, allows room for marine biology program expansion.

It doesn't alter the landscape as will the new buildings, but the 32-inch diameter (0.8-meter) Ortega reflecting telescope will deepen our view of space. A new point of pride on campus, it is the largest research telescope in Florida.

Sarah and Jim Ortega's \$150,000 donation enhanced what would have been a 0.6-meter telescope, funded by the National Science Foundation, to a 0.8-meter instrument. The Ortegas also established a fund to benefit students in the department of physics and space sciences for many years to come.

Karen Rhine



Campus

Golden Anniversary of a Treasured Partnership

For 50 years Florida Tech has benefited from the generosity and sage counsel of the leaders of Harris Corp. and its predecessor, Radiation Inc. Harris founders Homer Denius and George Shaw, and executives throughout the years, Joe Boyd, Jack Hartley, Phil Farmer, and, most recently, Howard Lance, have given generously to the university, both professionally and personally. Their gifts exemplify individual and corporate civic responsibility.

In 1960, Denius told Florida Tech founder **Jerry Keuper** that when Keuper found a permanent home for the university, he and Shaw would build the college's first building. When Keuper secured the land that was to become Florida Tech's core, **Homer Denius** dispatched an architect to design the first of the buildings. Florida Tech has been under construction ever since.

Joe Boyd, then Harris CEO and Florida Tech trustee, donated his private yacht to the campus in the mid-1960s. Renamed "Miss Fit," this vessel launched the university's research effort in marine and oceanographic studies. In 1970, Boyd helped Keuper to complete the seven-story Crawford Building.

In the 1980s and 1990s, no single individual contributed more to advancing the university than **Jack Hartley**. Just as he guided Harris into the ranks of one of the nation's premier technology corporations, Hartley tirelessly devoted himself, as chairman of the Florida Tech board of trustees and head of a university capital campaign, to making Florida Tech one of the nation's outstanding private



universities. The culmination of Hartley's and President Lynn Edward Weaver's efforts came in 1997 with the F.W. Olin Foundation's \$50 million gift to the university.

In the last decade, Farmer and Lance provided valuable support to President Anthony J. Catanese's efforts to broaden the university's mission. They supported the president's plans for new programs in music, international studies, fine arts, communication, aeronautics, business and psychology as well as the new textiles museum and autism treatment center while remaining true to Florida Tech's commitment to excellence in science and engineering. The new Harris Center will seal the partnership in bricks and mortar.

The greatest gift of Radiation Inc. and Harris Corp. to the university is something that cannot be measured in dollars and cents. Since Florida Tech's inception, the leaders of one of America's great corporations have believed in the university. Fifty years ago when many doubted that the fledgling college would survive, Denius, Shaw and their successors stood behind it.

Florida Tech is indebted to Harris Corp. for its confidence in the university's mission and sacrifices on the university's behalf.

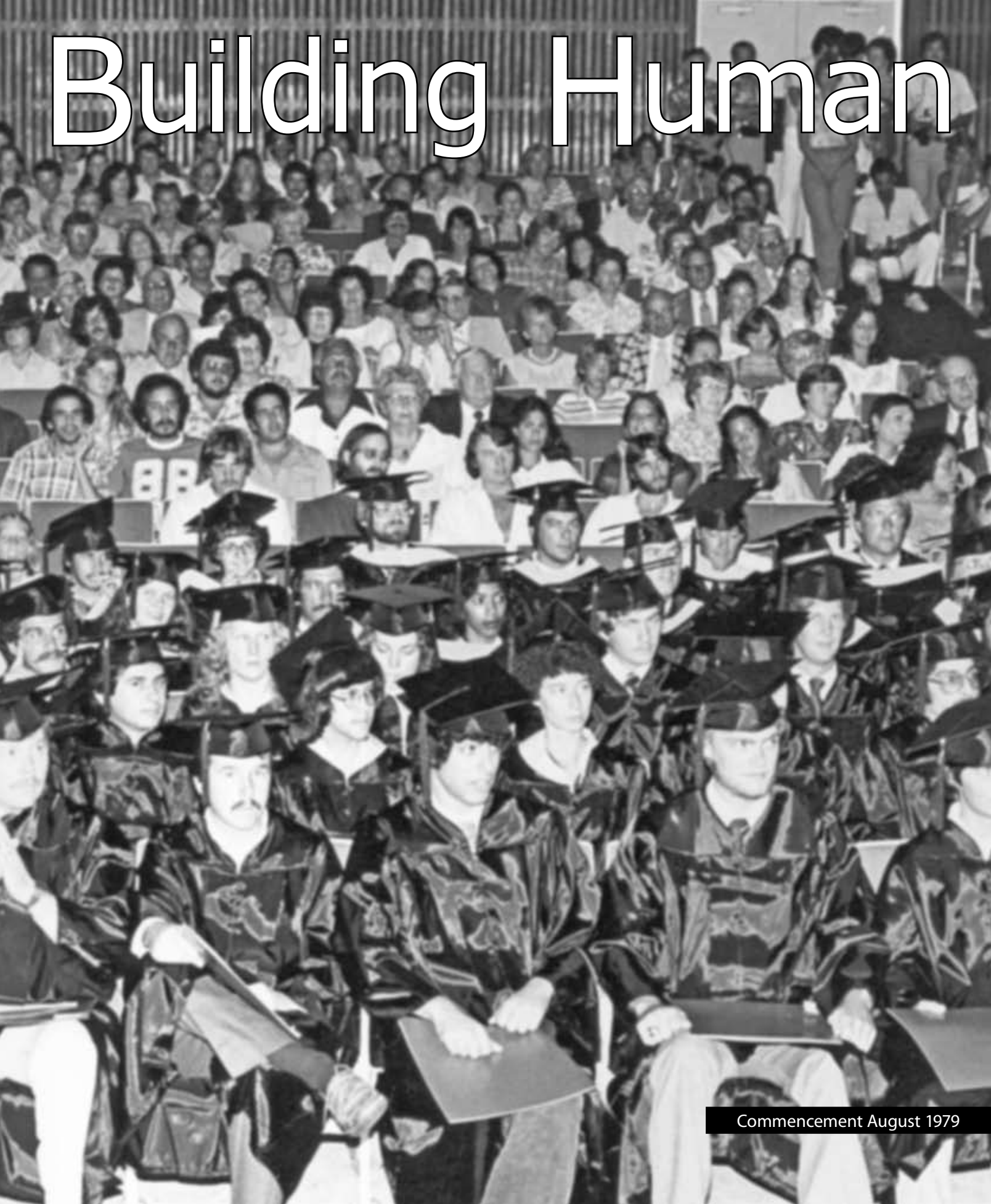
Gordon Patterson, Florida Tech Historian

"So much activity heralding change and growth in such a short span of time is unprecedented in the university's 50-year history. Each event has been a celebration of Florida Tech's future."

President Anthony J. Catanese



Building Human



Commencement August 1979



Capital

Florida Institute of Technology's infrastructure has grown dramatically over the past 50 years and every generation has witnessed a bricks and mortar renaissance. But the central mission of the university, educating the next generation of scientists and engineers and engaging in life-changing research, has remained unchanged. Each college has followed this mission since its founding. These are the stories of what has changed, and what has remained the same, over the decades.

College of Aeronautics

Founded: Originating as the Aerospace Technical Institute (ATI), the college was founded in 1967 to train and educate individuals in aviation business and electronic technology.

First Dean: Jerry Lauderbaugh, recruited to begin and lead Florida Tech's Aerospace Technical Institute, worked from an office in the basement of Grissom Hall. He oversaw the college's acquisition of Campbell Aviation, which began the university's flight school with headquarters at Melbourne Airport.

A lot has changed in 40 years: Enrollment grew rapidly. The university leased space in local motels to house students and, in 1969, purchased an Indialantic hotel to serve as a residence hall. In 1972 ATI became the School of Aeronautics and, in 1974, the university purchased the Southgate Apartment complex on Babcock Street for a School of Aeronautics business office and student housing. A 1990

grant from the Federal Aviation Administration helped fund the Skurla Airways Sciences Building to house classrooms, laboratories and offices. Now called the Skurla Building, it's still in use today. To be completed by late 2008, the Emil Buehler Center for Aviation Training and Research is located on eight acres at Melbourne International Airport. It will become the university's flight training center and site of its fixed-base operation as well as housing research centers in human factors and simulation research.

Some things remain the same: The college continues to attract students from all over the world, with a 2007–2008 enrollment of 355 students. Students are attracted to seven bachelor's degree programs, some with flight training; and master's degrees in human factors, airport development and management, and applied aviation safety.

College of Business

Founded: Beginning as Brevard Engineering College's management program in the 1960s, the program became part of the School of Management and Humanities in 1980. Management school members moved into a new building in 1982, where they remain today.

First Dean: Jim Stoms was dean, 1980–1988, and **Roger Manley** succeeded him, 1988–1990. Stoms and **Joan Bixby** were the organizers of the management program in the 1960s.

A lot has changed in 40 years: Growing from just a program, the College of Business today offers bachelor's degrees in accounting, business administration, business and environmental studies, eCommerce technology, information management and international business as well as a master's in business administration (M.B.A.) and E.M.B.A. (executive).



Some things remain the same: The college's mission continues to be to develop and expand a student's skills and capabilities in preparation for successful leadership in today's dynamic business environment. Access to high-tech programs on campus as well as proximity to the space industry's top innovative firms create an atmosphere of dynamic change and adaptation important in the world's rapidly changing economy.

"We pride ourselves on small class sizes, international flavor and a hands-on experience. Classes may be as small as five students and average less than 20. Our current undergraduate enrollment is composed of up to 30 percent international students, which provides for a rich classroom discussion involving today's global business environment. And, for a hands-on education, all students are required to take an academically based internship, which involves working in a local company during their senior year."—Robert E. Niebuhr, Ph.D., dean, College of Business

College of Engineering

Founded: Formation of the college coincided with the first classes offered by Brevard Engineering College on Sept. 22, 1958.

First Dean: The first dean of Brevard Engineering College was **Harold Dibble**.

"Reflective of our roots, aerospace engineering continues to be our largest program in the college. Our other large programs of mechanical, computer, electrical and ocean engineering as well as computer science continue to grow every year. Our smaller programs of civil and chemical engineering are currently growing at a rate even faster than our larger programs." —Thomas D. Waite, Ph.D., dean, College of Engineering

A lot has changed in 50 years: "Harry Weber helped me start a microwave laboratory. Of course, we didn't have room for it inside our building, so we put it together outside on tables in the parking lot. This was fine, until Dr. Keuper came by during a lab session. The lab quickly went back into an extremely crowded building." —The late Professor Walter Nunn, reminiscing in a 2003 interview on the primitive conditions at the college in the late 1960s. Nunn joined Florida Tech in 1969 and taught at the university for more than three decades. A scholarship in electrical engineering is named in his honor.


Today, the college is headquartered in the F.W. Olin Engineering Complex, and more square footage is on the way with the upcoming construction of the Harris Center for Science and Engineering.

Some things remain the same: The college remains the largest at the university, with more than 1,800 students on the Melbourne campus. As in the days when laboratories were moved outdoors, much of the learning in the college is done by doing, not listening to lectures. Engineering capstone projects, largely the province of seniors at most universities, are undertaken at Florida Tech by freshmen and sophomores. These projects culminate in a showcase every spring in the Clemente Center, with more than 100 group efforts on display.

College of Psychology and Liberal Arts

Founded: The School of Psychology was founded in 1980. The department of humanities and communication was also established on campus that year.

First Dean: The first dean of the School of Psychology was **Charles Corman**.



“The College of Psychology and Liberal Arts has, for nearly three decades, brought the human touch to the high technology at Florida Institute of Technology. The college’s emphasis on preparing scholars and practitioners to enhance the human condition and on conducting applied research on complex challenges of human behavior has brought it national recognition and top faculty and students from all over the globe.” —Mary Beth Kenkel, Ph.D., dean, College of Psychology and Liberal Arts

A lot has changed over the years: “I think we added a different way of viewing the world from what was here previously,” Professor **Bill Gabrenya** told *Florida Tech TODAY* during the college’s 20th anniversary celebration. “Not only our students, but also our faculty have a different way of looking at things than most Florida Tech faculty.”

The college has added degree programs over the years, complementing the core doctor of psychology (Psy.D.) program with master’s and doctoral degree programs in industrial/organizational psychology and a master’s degree program in applied behavior analysis. In recent years the college has built a national reputation in autism treatment and research and broke ground on the Scott Center for Autism Treatment last spring.

The college expanded in 2007 with the addition of the department of humanities and communication.

Some things remain the same: The Psy.D. program remains one of the nation’s finest and has produced top psychologists who have made a difference in the field.

College of Science

Founded: Creation of the College of Science in the first of its many forms coincided with the first classes offered by Brevard Engineering College on Sept. 22, 1958.

First Dean and Current Dean: The first dean of Brevard Engineering College (BEC) was **Harold Dibble**, an RCA scientist and a close friend of university founder, **Jerry Keuper**. The current dean (since 1989) is **Gordon L. Nelson**, a Yale graduate in chemistry (1970), a GE scientist and the former president of the American Chemical Society.

The College of Science shares the vision of Florida Institute of Technology to be one of the nation’s best private research universities. Our outstanding, discipline-based programs are student-centered and designed to further knowledge through basic and applied research, and serve the diverse needs of our local, state, national and international constituencies. Our faculty explore all frontiers of mankind—from the far reaches of space to the fascinating organisms of the sea and Petri dishes, from the gravitational binding of galaxies to chemical binding of pharmaceutical molecules. Our programs are aimed to prepare students for responsible positions at all levels of research, industry, education, medicine and government. We emphasize degree programs relevant to regional economic and market trends from space sciences to marine biology, designed to enable graduates to compete in the global economy and foster lifelong learning skills. At every level of education, graduate and undergraduate, our college’s faculty and some 700 students are working together to find answers to the most basic and complex questions facing humanity.



A lot has changed in 50 years: The College of Science has grown to include departments of biological sciences, chemistry, mathematical sciences, physics and space sciences, and science and mathematics education, all producing nationally known alumni and creating internationally regarded research breakthroughs. For example, Professor **Ravi Agarwal** is the third most cited mathematician in the world, based on both citations and number of publications. Today, the college is leading the university in external funding. As of June 1, 2008, the COS's total research award is \$17.3M (55 percent of the university's total external funding). This sum spreads over 74 grants and contracts among 43 of our faculty (65 percent of COS faculty). The average funding per active research faculty for our college is about \$400,000—a respectable figure for a top research university.

Some things remain the same: Student achievement is at the heart of the work in the College of Science. Today we are, as we were decades ago, committed to (1) producing engaged graduates, prepared for life, work and leadership in a constantly changing world, (2) advancing excellent educational and research programs in the natural sciences, mathematics and education and (3) transforming ideas into actions that directly benefit the personal, economic, social and cultural lives of the citizens of the world. Over decades, our college's distinction has been based on our faculty's excellence in teaching, service and research, through scholarly publications and external funding. We recognize that "science is not something you study, but something you do." For our faculty, the ultimate role is "to teach science, to create science, to apply science, to make scientists." We're all in this business because of our students.

University College

Founded: The first off-campus program began in 1972, in Maryland, by special request of the United States Navy.

First Dean: General **Ed Gudgel**

"University College has always broken ground in both its programs and in the way it delivers them. This fall, this legacy continues with a new concentration in humanitarian disaster relief logistics for our master's degree in logistics management. This new concentration combines the best of high technology and the human touch by providing students with a real understanding of how technology can be used to ease human suffering in the worst of circumstances." —Clifford Bragdon, Ph.D., dean, University College

A lot has changed in 36 years: The name of the college has changed several times, from Off-Campus Programs to School for Extended Graduate Studies to the current, University College. The methodology for delivering academic programs has changed too, transitioning from site-based traditional learning methods to a mixture of online and traditional programs.

Some things remain the same: University College alumni have always been remarkable for their diversity and level of professional achievement. An outstanding collection of flag-rank officers, corporate CEOs and astronauts have all earned Florida Institute of Technology degrees through University College. Last spring, alumna astronaut **Sunita Williams** spoke at the Melbourne campus, but she too earned a degree through University College.

T H E Y E A R I N R E V I E W

1958

Wham-O began selling the Hula Hoop

Intel develops the microchip

First successful American satellite, Explorer 1, launched into orbit; space race begins

The word "aerospace" is coined, from the words aircraft (aero) and spacecraft (space)

President Dwight D. Eisenhower signs the Alaska statehood bill

National Aeronautics and Space Administration (NASA) formally created

First color video recording on magnetic tape presented

First transatlantic passenger jet service begins

The American Association of Retired Persons (AARP) is founded

The aluminum can is introduced as a food container

Ford Motor builds the prototype "car of the future" called the Nucleon—powered by a nuclear reactor

McDonald's hits the 100 million mark

Toy Legos introduced with eight-stud bricks that can be combined 24 ways

Mercedes-Benz brings first diesel auto to the U.S.

Japan's Tokyo Telecommunications changes its name to Sony Corp.

Elvis Presley joins the Army

U.S. nuclear sub the USS Nautilus passes under the North Pole

First radio broadcast from space (President Eisenhower: "To all mankind, America's wish for peace on Earth and good will to men everywhere")

Peace symbol designed

sources: Wikipedia, brainyhistory.com, Google, timelines.ws

The year 2008 marks the start of Florida Tech's second 50 years. A lot can happen in a half a century. In the case of Florida Tech, it went from a "night school for missile men" to a doctoral-degree-granting university with research grants and contracts of \$30 million in 2006 and the largest research telescope in Florida.

Turn the page to see our timeline ▶

HOW FAR DID YOUR DOLLARS GO?

Average new house cost	\$12,750
Average rent	\$92/month
Average yearly wages	\$4,600
Gallon of gas	25 cents
Postage stamp	4 cents
Minimum wage	\$1/hour

FIFTY YEARS OF EXCELLENCE



1958 – Florida Institute of Technology (originally named Brevard Engineering College) is founded by Jerome P. Keuper, who remained president until 1986.

1961 – The college moves to its current Melbourne, Fla., campus after being housed in facilities that included rented junior high school classrooms, an old church and a World War II Navy Barracks at Melbourne International Airport.



1965 – The university is accredited by the Southern Association of Colleges and Schools.

1966 – The university's name is changed to Florida Institute of Technology.



The oceanography department is established to offer scientific courses in this largely unexplored frontier.

1967 – The School of Aeronautics, originally called Aerospace Technical Institute, is created to train and educate individuals in aviation business and electronic technology.

A student center building and the Gleason Auditorium are built. The botanical garden area is created.



1970 – First million dollar building (Crawford)

1971 – The department of biological sciences is created. A master's degree program is started in science education, with options in biology, chemistry, environmental science, physics, general science, mathematics and aviation.

1972 – The first off-campus program is launched in Maryland at the request of the U.S. Navy.

1975 – WFIT, a student-operated radio station, begins broadcasting. It was Brevard's first noncommercial, educational FM radio station.



1980 – The School of Psychology and the School of Management and Humanities are created.

1982 – A new undergraduate program leading to a bachelor's degree in business communication is announced.

1983 – The School of Psychology opens its Psychological Services facility.

1984 – The new four-story Evans Library, a multimillion-dollar structure, opens.

1986 – John E. Miller serves as president of Florida Tech from 1986–87. Miller was vice president for academic affairs from 1966–75.

1987 – Lynn Edward Weaver is named president of Florida Tech. The university announces a \$25-million, five-year capital campaign.



1990 – Florida Tech opens the Spaceport Graduate Center in Titusville, serving the Kennedy Space Center and Patrick Air Force Base.

Florida Tech becomes a member of the Oak Ridge Associated Universities, a 57-member university consortium that explores opportunities and solves problems in science and technology.

1991 – Florida Tech Panther men's soccer team captures the NCAA Division II national championship (see story on page 38).

1993 – Florida Tech's capital campaign surpasses the \$25-million mark in June. The \$25,804,408 is the most money ever raised by the university in a single fundraising program.



1997 – F.W. Olin Foundation gives \$50 million—half to fund construction of new engineering and life sciences buildings and half to be matched by capital campaign donations.

1999 – Charles and Ruth Clemente donate \$3.3 million for a sports and recreation center.

F.W. Olin Engineering Complex and F.W. Olin Life Sciences Building are completed.

2000 – The Florida Tech extended campus was established, providing electronic delivery of degree and professional development programs worldwide.

2001 – Charles and Ruth Clemente Center for Sports and Recreation is completed.



2002 – Anthony J. Catanese is named the fourth president of Florida Tech.

Jerome P. Keuper, founder and president emeritus, passes away in March.

2003 – Panther athletics announces plans for five new inter-collegiate teams—women’s soccer, men’s and women’s tennis, and men’s and women’s golf.

Columbia Village residence halls are completed.

2004 – University launches Panther Pride Florida Tech license plate.

2005 – F.W. Olin Physical Sciences Center opens.

2006 – Buehler Trust donates \$1.5 million to fund a training and research center at Melbourne International Airport.

Ruth Funk donates \$1.25 million to create a textiles museum.

Hosted the 25th Anniversary Indian River Lagoon Symposium.



2007 – Kicked off \$50 million capital campaign.

Hosted International Sustainability Conference.

2008 – Groundbreaking takes place for Scott Center for Autism Treatment, Ruth Funk Center for Textile Arts and Harris Center for Science and Engineering.

Construction begins on the Emil Buehler Center for Aviation Training and Research at Melbourne International Airport. Students will begin calling the Harris Village home in the fall.

The Ortega reflecting telescope, the largest research telescope in Florida, is installed.

AN EXCERPT FROM "NO SMALL DREAMS ..."



While the college’s first degree in 1961 was given to Reagan DuBose, it wasn’t until June of 1962 that BEC held its first commencement. It honored a graduating class of 38. Included among the graduates were the first two honorary doctorates given to Florida Secretary of State Tom Adams and Astronaut Virgil “Gus” Grissom. Grissom was the first NASA astronaut to receive an honorary degree.

That same year, the Melbourne Chamber of Commerce presented Keuper with what appeared to be a financial panacea—a merger with the Disciples of Christ Church. The merger would have transformed BEC into Florida Christian University, similar to the church’s Texas Christian University (TCU). While negotiations lasted for nearly a year, the merger ultimately failed for two reasons. First, the church did not bring the financial backing Keuper had been promised by the chamber. Second, the church planned to replace the university’s leadership, including Keuper!

Those concerned by the failed merger need not have worried. By 1964, the enrollment at the college had more than tripled, Keuper had committed to building a residential college with the dedication of the first dormitory, Brownlie Hall, and construction was under way on an 11,000-square-foot two-story library. That same year, the college was accredited by the Southern Association of Colleges and Schools.

BEC had truly arrived. It would soon vanish.

By 1966, BEC was no more, the name had permanently changed to Florida Institute of Technology. The new university began to branch out its academic offerings, expanding past the rocket science and engineering curriculums envisioned at the Pelican Bar.

ORDER YOUR COPY OF THIS BEAUTIFUL KEPSAKE BOOK NOW.

Turn to page 37 for more details.



Charting the

There can be no argument that Florida Institute of Technology has made extraordinary progress in its first five decades. No matter what the measure—students, alumni, bricks and mortar, curriculum growth, research funding or endowment—the trend of the university has been on a steep upward curve.

Just as today's university would have been hard to imagine for **Jerry Keuper** and the team of pioneers who built the university from a fabled first donation of 37 cents, Florida Tech at its centennial is a fleeting vision for those who love the university today. President **Anthony J. Catanese's** long-term vision for Florida Tech is concentrated around a core belief.

"We'll be one of the top 10 technological universities in the world," said Catanese. "People will talk about M.I.T., Cal Tech, Georgia Tech and Florida Institute of Technology in the same breath."

Catanese believes that in order for the university to reach this lofty position in the honor roll of the academy; Florida Tech will need to build upon present-day strengths.

"We will be world leaders in computer security and in new applications of computing not even thought of today," said Catanese. "True to our roots, we'll be working with NASA and perhaps its successors on a new Mars colony, fresh off the successful colonization of the moon. Back on Earth, our long-standing tradition of alternative fuels research will have made us a world leader in the movement toward hydrogen as an everyday alternative to fossil fuels."



EARTH
54,500,000 KM



Course

PRESIDENT ANTHONY J. CATANESE
ENVISIONS FLORIDA TECH
AT THE CENTENNIAL

Other academic areas of excellence Catanese envisions for 2058 have only the seeds of genesis on campus today. Included among these are treatments for autism and other mental and physical conditions that come to the fore in the 21st century. Catanese specifically cites the research of biologists **Alan Leonard** and **Julia Grimwade**, who are looking for the “on” switch in cancer cell growth, as an underlying building block of this new cornerstone of research.

“I think we will combine the best of our College of Engineering and College of Science in whole new arenas of bio-engineering, genetics research and human-machine robotics,” he said.

In addition to an expansion of Florida Tech’s academic and research mission, Catanese believes the university will be a key player in other parts of the world. He cites partnerships with universities in emergent Asia, including China and India, as well as new relationships with established universities in Europe.

Beyond these partnerships, he said Florida Tech students, alumni and faculty will be making a difference in the third world as well.

“The Florida Tech community will be using technology to solve many of the problems of the developing world,” said Catanese.

Of course, Catanese maintains a soft spot in his heart for athletics. He sees great accomplishments for Panther generations to come.

“Our rowing teams will have won the Dad Vail, the Head of the Charles and even the Henley Regatta. We will have achieved national championships once again in soccer, and for the first time in baseball and basketball,” he said. “And as for a football team ...”

Finally, Catanese believes the mission of Florida Tech, in spite of, or perhaps because of, all of the other changes through time, will remain largely unchanged.

“With all this, Florida Tech will remain dedicated to providing a high-tech education with a human touch. We will never pull back from this core principle.”

Jay Wilson



The Campaign Continues: Where Your Dollars May Go

Funding opportunities remaining in the Golden Anniversary Campaign for Florida Tech are of all descriptions, shapes and sizes—from an entire building to athletics field lighting.

All colleges seek named professorships and chairs of excellence. Also welcome are endowed fellowships for undergraduate and graduate studies.

Below are several other possibilities. For more information, contact Beverly Sanders, senior director of development, at (321) 674-6155 or sandersb@fit.edu.

College of Business

Funding for a new building and naming opportunity

Gifts for the “Fund for Excellence” to support non-operating needs

College of Psychology and Liberal Arts

Funding for a new building and naming opportunity

College of Aeronautics

Emil Buehler
Center for Aviation
Training and
Research



Naming opportunities for rooms, or “name a wing”

Naming opportunities for new aircraft

College of Science

Funding and naming a biomedical building

College of Engineering

Naming opportunities for Harris
Center for Science
and Engineering



Naming opportunities for conference rooms, laboratories

Ruth Funk Center for Textile Arts

Naming opportunities for rooms, or “name a wing”



Scott Center for Autism Treatment

Naming opportunities for rooms, or “name a wing”



Athletics

New boathouse at the Florida Tech anchorage

For athletics fields:

Lighting, lockers, concession area, restrooms

Endowment for coaches’ and assistant coaches’ salaries

Naming opportunity for swimming pool and diving well

General Campus

Naming opportunities for two covered bridges

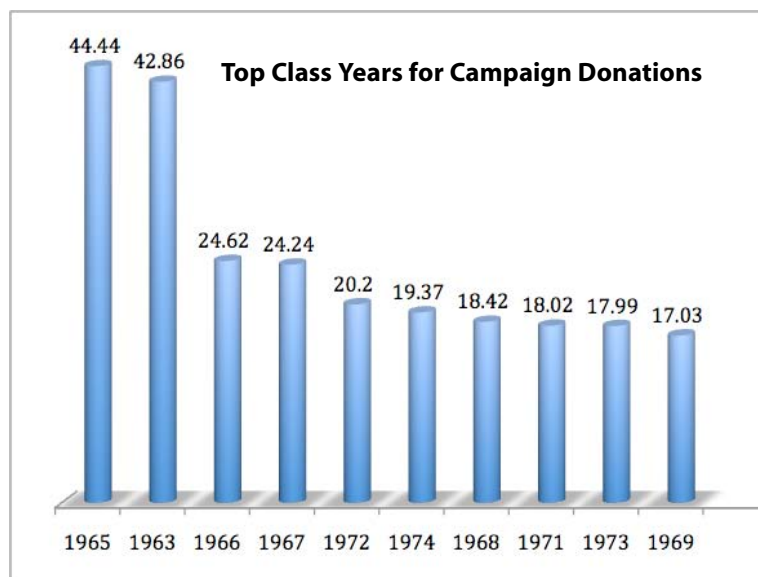
Alumni Giving: A Statistical Look

What class years are doing the most for the Golden Anniversary Campaign for Florida Tech? **Rebecca Caldwell**, assistant director of advancement services, crunched some numbers and came up with a list of the top classes of alumni givers.

Counting surviving class members, the top 10 giving years (number of alumni donors, not dollar amounts) between 2004 and 2008, are shown at right.

Caldwell also found that of all campaign donors, 40.5 percent are alumni, or 4,477 alumni out of a total 11,065 donors.

If you're a curious alumnus and want to know how your class is doing, here is the entire list, 1962–2008:



1962	15.79%
1963	42.86%
1964	15.38%
1965	44.44%
1966	24.24%
1967	24.62%
1968	18.42%
1969	17.03%
1970	16.79%
1971	18.02%
1972	20.20%
1973	17.99%
1974	19.37%
1975	16.19%
1976	16.73%
1977	13.89%
1978	13.15%
1979	11.67%
1980	14.14%
1981	10.48%
1982	10.32%
1983	10.88%
1984	10.94%
1985	12.78%

1986	13.14%
1987	9.36%
1988	9.51%
1989	13.39%
1990	10.27%
1991	11.43%
1992	9.87%
1993	11.28%
1994	9.10%
1995	10.21%
1996	8.19%
1997	9.17%
1998	8.73%
1999	8.52%
2000	8.47%
2001	10.27%
2002	8.15%
2003	9.98%
2004	9.60%
2005	9.22%
2006	8.15%
2007	3.84%
2008	2.11%

from the FTAA President

From the desk of Association President Russ Ballagh '74



As we approach our Golden Anniversary Homecoming, I encourage you to reach out to former classmates and invite them to rendezvous with you and others Oct. 10–19. The relationships we built through membership in fraternities, sororities or clubs created life-long memories and friendships that remain with us to this day. In addition to all athletic teams, more than 200 clubs and organizations have formed over our 50 years. See if this list below doesn't remind you of a memory and a friend with whom you've lost contact. Invite them to join you at homecoming!

American Institute of American Engineers
 American Society of Civil Engineers (ASCE)
 American Society of Mechanical Engineers
 Amnesty International
 Aquaculture Society
 Arab Student Association
 Association for Computer Machinery (ACM)
 Astronomy Society
 ATARI Computer Enthusiasts
 Baha'i Club
 Ballroom Dancing and Theta Tau
 Band Program and Drill Club
 Baptist Campus Ministry
 The Belletrist Literary Magazine
 Beta Nu Pi
 Beta Omega Xi
 Beta Phi Delta
 Beta Tau Alpha
 Bicycle Club
 Black Student Association
 Bleacher Bums
 Blue Key National Honor Fraternity
 Blue Water Dive Club
 Boardsailing Club
 Bowling Club
 Campus Activities Board (CAB)
 Caribbean Students Association
 Chess Club
 Chi Epsilon (Civil Engineering Honor Society)
 Chi Phi
 Chinese Student Association
 Chinese Students and Scholars
 Friendship Association (CSSA)
 American Institute of Chemical Engineers (AIChE)
 Civil Engineering Honor Society
 Club Med
 College Players
 Collegiate Exchange Club
 Crane Creek Shotokan Karate
 The Crimson
 Dance Association

Delta Delta Tau
 Delta Mu Delta
 Delta Sigma Pi
 Dorm Council
 Electrical and Computer Engineering
 Coordinating Committee (EC3)
 Environmental Science and Engineering
 Epsilon Kappa Delta
 Eta Kappa Nu (Engineering Honor Society)
 Eta Sigma
 Fact
 Falcons Precision Flight Team
 Fencing Club
 Florida Future Educators of America
 Florida Tech Television Club (FITV)
 Forensic Society
 Frisbee Club
 Gamma Phi Beta
 Gay and Lesbian Alliance for Student Support (GLASS)
 Golden Z
 Graduate School of Psychology
 Student Senate
 Ham Radio Club
 Hit and Run Rock Band
 Indian Educational and Cultural Association
 Industrial Psychology Association
 Institute of Electrical and Electronics Engineers (IEEE)
 Instrument Society
 InterClub Council
 Inter-Fraternity Council
 Inter-Hall Dorm Council
 International Choir
 International Student Services Organization (ISSO)
 Inter-Varsity Christian Fellowship (IVCF)
 Japanese Student Organization
 Jazz Band
 Kappa Alpha Phi
 Kappa Alpha Psi
 Korean Association
 L5
 LaCrosse Club

Reach out + Rendezvous

- Lambda Chi Alpha
- Latin American Student Association (LASA)
- Lebanese Student Association
- Les Visiteurs (French Club)
- Lunar Space Disc
- Marine Environmental Systems Student Association (MESSA)
- Marine Technology Society (MTS)
- Married Students Association
- Math Club
- Medieval Eating and Drinking Society (Mead)
- Mini-Baja Design Team
- Minority Engineers
- Model Rocket Club
- Muslim Students Association
- National Civil Engineering Honor Society
- National Council for Women in Aviation and Aerospace
- National Society of Black Engineers (NSBE)
- New Student Orientation Staff
- Newman Club
- Nibblers
- Oceanographic Club
- Officers Club
- Omega Alpha Omega Debate Fraternity
- Omega Epsilon
- Omega Psi
- Order of Omega (Fraternity/Sorority Leadership Honor Society)
- Organization of Indian Students
- Organizational Psychology Club
- Organizational Showcase
- Organization of Student Leaders (OSL)
- Pakistan Students Association
- Panhellenic Council
- Phi Eta Sigma
- Phi Kappa Alpha Fraternity
- Phi Kappa Tau
- Pi Lambda Phi
- Polo Society
- Pre-Professional Society
- Psi Chi (Psychology Honor Society)
- Radio-Controlled Flying Club
- Rangers (ROTC)
- Residence Life
- Resident Student Judicial Board (RSJB)
- Rifle and Pistol Club
- Rotaract
- Sailing Club
- Saudi Student House
- Science Education Club
- Scuba Club
- Security Force
- Shaolin Sports Club
- Shotokan Karate Club
- Sigma Kappa
- Sigma Phi Epsilon
- Sigma Pi Sigma
- Skateboard Club
- Skydiving (Dropouts)
- Society for the Advancement of Management
- Society for Astronomy and Space Sciences
- Society for Naval Architecture Marine Engineers
- Society for Science Fiction and Fantasy (FITSSFF)
- Society for Technical Communications
- Society of Automotive Engineers (SAE)
- Society of Hispanic Professional Engineers (SHPE)
- Society of Mechanical Engineers
- Society of Physics Students (SPS)
- Society of Women Engineers (SWE)
- Spanish Speaking Students Society
- Spirit Club
- Sport Divers and Fishing Club
- Sports Car Club
- SQUAMISH
- Student Activities Fee Committee (SAFC)
- Student Ambassadors
- Student Court
- Student Government
- Student Senate
- Students for the Exploration and Development of Space (SEDS)
- Students of Environmental Awareness
- Student Council
- Surf Club
- Tang Soo Do Moo Duk Kwan
- Tau Beta Pi
- Tau Kappa Epsilon
- Theta Delta Chi
- Theta Tau
- Theta XI
- Track Club
- Tri-Beta (Biology Honor Society)
- Ultimate Club
- Undergraduate Psychology Student Association (UPSA)
- United Nations
- Upsilon Pi Epsilon (Computer Science Honor Society)
- Vets Club
- WFIT Radio
- Water Polo
- Waterski Club
- Wives Club
- Women in Aviation
- Women's Soccer Club
- Yoga Club
- Zeta Chi
- Zeta Kappa Epsilon
- Zeta Sigma Pi

**Register soon for all the events at
www.merchantamerica.com/fit/echopay.
Ad Astra and Go Panthers!**

@ Homecoming 2008





50th ANNIVERSARY
Florida Institute of Technology
High Tech with a Human Touch™



The Amazing Kreskin, the world's foremost mentalist

HOMECOMING 2008

SCHEDULE

It's the Golden Anniversary Homecoming!

It's a homecoming like those in the past yet like no other. It will have all that you would expect in October: Florida sunshine and balmy evenings. But because this year marks the university's Golden Anniversary, Homecoming 2008, Oct. 10–19, offers some added glitter. Look for your favorite old events and lots of new ones, too!

FRIDAY, OCTOBER 10– SUNDAY OCTOBER 12

Physics and Space Science Reunion

All week
 Registration–Alumni House

MONDAY, OCTOBER 13

(Columbus Day–Holiday)

All day
 Evans Library Exhibit–50th anniversary

All day
 Alumni House Exhibit–50th anniversary

TUESDAY, OCTOBER 14

All day
 Evans Library Exhibit–50th anniversary

All day
 Alumni House Exhibit–50th anniversary

Doors open at 10:30 p.m.
 Basketball's Midnight Madness
 Clemente Center

WEDNESDAY, OCTOBER 15

All day
 Evans Library Exhibit–50th anniversary

All day
 Alumni House Exhibit–50th anniversary

4 p.m.
 Department of Marine and Environmental Systems
 Speaker and Topic TBA, Room P-133

4–7 p.m.
 Alumni Networking Session
 Hartley Room

7:30 p.m.
 Wacky Wars

THURSDAY, OCTOBER 16

All day
 Evans Library Exhibit–50th anniversary

All day
 Alumni House Exhibit–50th anniversary

4 p.m.
 Faculty and Staff Bike Race
 Site TBA

5:30–7 p.m.
 Welcome Reception
 Hartley Room

7–9 p.m.
 CSA Talent Show
 Gleason Performing Arts Center

11 p.m.
 Caribbean Alumni Games Galore
 Rathskeller

FRIDAY, OCTOBER 17

All day
 Evans Library Exhibit–50th anniversary

All day
 Alumni House Exhibit–50th anniversary

* 8 a.m.
 Tin Cup Golf Tournament
 Duran Golf Club

11 a.m.–2 p.m.
 College of Business Open House

11 a.m.–1 p.m.
 Caribbean Alumni Luncheon
 Southgate Field

1–6 p.m.
 Caribbean Alumni Reception
 Southgate Field and basketball court

6 p.m.
 Campus Activities Board (CAB) Night

* 6 p.m.
 50th Anniversary
 Sports Hall of Fame Banquet
 Clemente Center


8:30 p.m.
 Hockey Game
 Rockledge

College of Aeronautics Hangar Party
 sponsored by COA alumni

* 9 p.m.–1 a.m.
 Caribbean Alumni Reunion Gala
 with live band
 Hilton Rialto

Qualified sitters are fully insured, have undergone background checks and are required to be CPR and First Aid trained. The service specializes in caring for your children right in your hotel room. Please mention that you are with the Florida Tech Alumni Association and whether or not you are willing to combine babysitting services with other Florida Tech Alumni families in your chosen hotel.

<http://sunshinebabysitting.com/inforates.htm>




Register online at www.merchantamerica.com/fit/echopay
 or fill out the form and mail to Alumni Affairs

SATURDAY, OCTOBER 18

All day
Evans Library Exhibit—50th anniversary

All day
Alumni House Exhibit—50th anniversary

All day
College of Aeronautics Aviation Day
F.I.T. Aviation

7:30 a.m.
Alumni Homecoming 5K Race/Walk
Athletics Department

9 a.m.
Alumni Rowing Races
Anchorage

10 a.m.
Alumni Baseball
Seminick-Hall Baseball Field

10 a.m.
Homecoming Parade

All Campus and Community Barbeque following parade
Panther Plaza
Alumni Bands
Panthereum
Alumni Soccer—Men and Women
Stottler Soccer Field

2 p.m.
IFC and Panhellenic 50th Anniversary Gift Dedication

3–5 p.m.
GOLD Alumni Reception
Alumni House

5:30–6:15 p.m.
Alumni Association Hospitality
Clemente Center

* 6:45–10 p.m.
50th Anniversary Celebration Banquet
Clemente Center—cocktail attire

10 p.m.–2 a.m.
Homecoming Dance

SUNDAY, OCTOBER 19

10 a.m.–Noon
Brunch
Alumni House

11 a.m.
Alumni Mass
All Faiths Center

For complete information on activities and information for college, department and other groups, please contact the following:

College of Aeronautics/FITSA
Joyce Tsairis (321) 674-7619 or jtsairis@fit.edu

Alumni
Hazel Rosskamp (321) 674-7190 or hrosskam@fit.edu

Athletics
(321) 674-8032

Caribbean Alumni
Weyni Clacken '01 weyni_@hotmail.com

Delta Delta Tau Fraternity
George Poidomani '73 VoiceTypeG@aol.com

Student Affairs
Judy Thompson (321) 674-8080 or thompson@fit.edu

* Payment required for these events. Go to www.merchantamerica.com/fit/echopay to register online.



Homecoming 2008 Registration Form

To register by credit card or check (payable to Florida Tech Alumni Association), fill out this form and send to: Florida Institute of Technology, Office of Alumni Affairs, 150 West University Boulevard, Melbourne, FL 32901-6975

You may also register online at www.merchantamerica.com/fit/echopay

Name _____
Address _____
City _____ State _____ ZIP _____
Phone _____ E-mail _____

Saturday, Oct. 18

Banquet Reception in the Clemente Center—starting at 5:30 p.m.

Attendees ___ @ no charge

Homecoming Banquet in the Clemente Center—dinner at 7 p.m. (*Cocktail Attire*)

Attendees ___ @ \$65 individual / \$100 couple = \$ _____

- Check enclosed
 Credit Card: Visa MasterCard American Express Discover

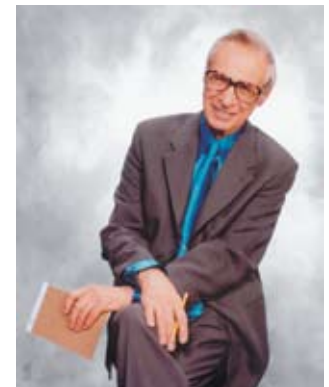
Cardholder Name _____

Card # _____

Expiration Date _____ CV# _____

Cardholder Signature _____

Total amount remitted \$ _____



The Amazing Kreskin, who has appeared on CNN-TV, ABC, NBC, FOX News, and FOX and Friends, will entertain at the Saturday night banquet.

Local Artist Creates 50th Anniversary Commemorative Painting for Florida Tech



Melbourne artist Derek Gores accomplished a difficult feat when he created a commemorative painting for Florida Tech's Golden Anniversary. His creativity and talent was put to the test and, according to the committee who selected him, he passed with flying colors—crimson and gold to be exact.

Gores competed against area artists for the honor of creating the commissioned

painting depicting 50 years at Florida Tech. The Brevard Cultural Alliance solicited artists' proposals, and Gores was selected by a committee of staff, alumni and friends of the university.

In his painting Gores used the school's crimson color and a golden sunrise to symbolize Florida Tech's Golden Anniversary. "The montage format let me incorporate many of the iconic landmarks and historic moments," Gores explained. The exhaust of the space shuttle forms the clouds in the sky, where he integrated images reflecting the vision and aspirations of the founders. He added the university emblem with the sun rising to meet it.

The university's motto *Ad Astra Per Scientiam*, which means "to the stars through learning," runs along the bottom of the art. "Just as in the real university, I hope all the pieces of the painting add up to something bigger," he said.

Gores, a graduate of the Rhode Island School of Design, wanted to create Florida Tech's Golden Anniversary art because he supports the decision to expand fine arts at the university. "It's a logical complement to engineering," he said. "I hope to continue to be a part of Florida Tech's development in this area."

Gores recently returned to Brevard County and said he is glad to be back. He graduated from Satellite High School and his wife, Jamie, graduated from Eau Gallie High School. They returned to Melbourne to raise their three daughters in "a great small town atmosphere."

Gores designs for top brands like ESPN, Lucasfilm and Harley-Davidson, as well as for the entertainment industry for artists such as Madonna, Chris Rock and the Eagles. Locally, Gores enjoys commissions for corporate and private collectors in both design and painting. Some of his paintings can be seen at Silken Galleria in downtown Melbourne. He also occasionally teaches art classes at the Brevard Art Museum in Melbourne. For more information about the classes, go to www.artandscience.org/classes.html or call (321) 242-0737. For more information about Gores, go to www.customartnow.com and www.derekgores.com.

Melinda Millsap



Decorate your home or office with this beautiful 24" x 36" gallery wrapped canvas limited edition giclée.

The alumni association's art committee chaired by board member **Milo Zonka '95** selected this piece to commemorate the university's 50th anniversary.

Only 50 of these commemorative pieces are available—each signed and embellished by artist Derek Gores.

Place your order today! Please allow two weeks for delivery.

Order online at www.merchantamerica.com/fit/echopay.

Price: \$500

For more information, contact Ken Droscher at gopanthers@fit.edu or (866) FLA-TECH.



50th Anniversary Event Calendar

We continue to celebrate the Golden Anniversary of Florida Tech. Some events have passed, but good memories linger, most recently from July activities.

We won't soon forget, for example, when 1993 National Teacher of the Year **Tracey Bailey '88** was keynote speaker at the department of science and mathematics education's 50th Anniversary Grand Reunion Celebration. Bailey is now director of education policy for the Association of American Educators in Washington, D.C.

We also recall how **Richard Turner**, associate professor of biological sciences, led the College of Sciences in presenting the Fifth North American Echinoderm Conference on campus. This conference of international marine biologists who study sea stars, sea urchins and other marine animals—echinoderms—drew nearly 100 people to campus.

V. Lakshmikantham, head of the department of mathematical sciences, once again held a prestigious Worldwide Linear Analysts Conference in Orlando. This year the event included a special reception to honor Dr. Lak and announce a scholarship in his name.

As you can see from this calendar, we're still kicking up our heels and will continue festivities well into 2009. We invite you to join us at one of these outstanding events.

SEPTEMBER

Sept. 18
7 p.m., Hartley Room, Denius Student Center
Humanities Lecture Series: "Countdown College: Launching America's First Space University"
Panel Discussion by Professors Emeriti Tom Bowman, Andy Revay, Tom Stevens and Harry Weber

Sept. 20
4–9 p.m.
50th Anniversary Faculty, Staff and Student Celebration
Panther Plaza

OCTOBER

Oct. 10–19
Golden Anniversary Homecoming 2008 Blowout
See pages 24–25 for schedule.

Oct. 31
7:30 p.m.
Fall Music Showcase "Thriller"
Gleason Performing Arts Center

NOVEMBER

Nov. 15
9 a.m.–11 p.m.
Evans Library Day at Barnes & Noble Booksellers
Book signings by local authors. Percentage of sales donated to Evans Library.

Nov. 18
3:30–5 p.m.
College of Business Industry Education Forum

Nov. 19
LASER Day (Liberal Arts, Science and Engineering Resource)
College of Science, College of Engineering, College of Psychology and Liberal Arts

DECEMBER

Dec. 7
University College Jazz Cruise
on the Indian River Queen

Dec. 8–9
University College Conference on National Preparedness

Dec. 15
College of Aeronautics Emil Buehler Aviation Training and Research Center Grand Opening

2009

FEBRUARY

Feb. 19–20
College of Aeronautics Aviation Symposium

Feb. 21
6 p.m.
College of Business Casino Royale Night

Feb. 22–March 2
Galapagos Alumni Tour, Department of Biological Sciences
Sold Out!

MARCH

March 3–4
International Sustainability Forum, College of Science

APRIL

April 4
6–10 p.m.
School of Psychology fundraiser for the Scott Center for Autism Treatment
Cocktails and hors d'oeuvres
Call (321) 674-6076 or csmith01@fit.edu

April 14
9 a.m.–3 p.m.
College of Business Ethics Conference
at Harris Customer Briefing Center

April 24
College of Business Awards Banquet

Ongoing until December 2009
Evans Library 50th Anniversary Exhibit

For more information on these events e-mail
gopanthers@fit.edu



On The Road

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Old Friends
and Make
New Ones**

Taiwan



In Taipei, Mike Lin '96 M.B.A., left, visits with Pei-feng Hsu, professor and department head, mechanical and aerospace engineering. Lin is the customer service and coordination manager of L.Seatex Co., Ltd. and Lin-Seatex Trading Corp.

Atlanta

Right: Jarin Horton '06 with wife Lauren joins in the alumni reception at the Atlanta Airport Hilton.

Far right: Senior Vice President for Advancement Ken Stackpoole (center) visits with, Miguel Estremera '98 and Ruth Ladd Dudley '97.



Boston



Enjoying the comraderie at Boston's Seaport Hotel are from left: Luis Arvelo '99 and guest, Mike Loftus '82 and Peter Velikin '97



Pausing to pose at the reception are from left: Senior Vice President for Advancement Ken Stackpoole and wife Susan, Ernie Smith '83 and wife Anne, and President Anthony J. Catanese with wife Sara.

Oxford



President Anthony J. Catanese chats with Florida Tech students Mark Moyou and Shannon Quinn. They are among 34 students experiencing the University of Oxford 2008 Study Abroad program. Students earn six credits in the five-week course, which offers the rich experience of the 13th century University of Oxford in England.

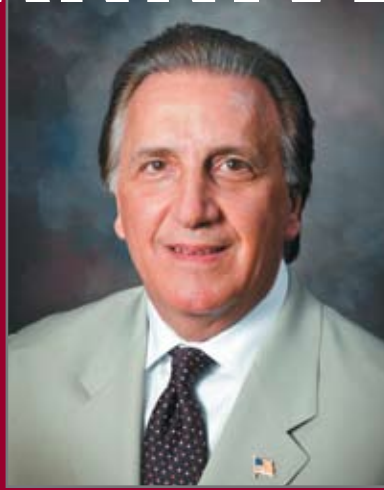


Learning about the program are trustees, from left: Phillip W. Farmer; Dale Dettmer '71 M.S.; Chuck Clemente; Florida Tech President Anthony J. Catanese; Ken Revay '82; and Florida Tech Provost T. Dwayne McCay. The group is posing in the Old Bursary of Corpus Christi College where finances for the original college were handled. The portrait is of Queen Elizabeth I.

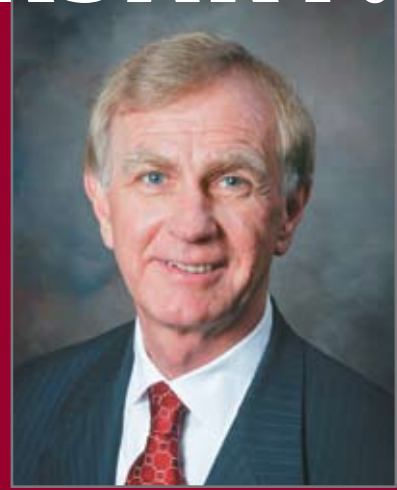
HAPPY ANNIVERSARY!



Bino P. Campanini, B.S. Business Communication '90, M.B.A. '92, NCAA National Champion (Soccer) '88 and '91



Joseph Caruso, B.S. Management Science '73, Pi Kappa Alpha



Dale Dettmer, M.S. Electrical Engineering '71



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Henry Heflich, B.S. Electrical Engineering '73, Pi Kappa Alpha



James Pruitt, M.S. Systems Management '72



Ken Revay, B.S. Mechanical Engineering '82, Past President Florida Tech Alumni Association '00



Jim Thomas, B.S. Math '74, Pi Kappa Alpha

Fraternally Speaking

At the conclusion of each year, the fraternities and sororities are recognized for excellence in their chapters and as individuals. A committee of faculty and staff selects the recipients based on the information and nominations received. Each year at the Student Leader Awards Banquet, those awards are presented. We would like to congratulate the following individuals and chapters.

Chapter Adviser of the Year: Kimberly Musselman, Alpha Phi
 New Member of the Year: Eric Aronchick, Pi Kappa Alpha
 Living the Ritual Award: Margot Zaccardi, Alpha Phi
 Fraternity Man of the Year: Joseph Noel, Pi Kappa Alpha
 Sorority Woman of the Year: Aubrey Heath, Alpha Phi
 President's Cup: Daniel Schlegel, Alpha Tau Omega

Chapter Awards

House Corporation Board of the Year:	Pi Kappa Alpha
Advisory Board of the Year:	Tau Kappa Epsilon
Recruitment and Retention Award:	Tau Kappa Epsilon
Scholarship Awards:	Pi Kappa Alpha Alpha Phi
New Member Class Scholarship Award:	Pi Kappa Alpha
Academic Progress Award:	Alpha Phi
Community Service Award:	Pi Kappa Alpha
Philanthropy Award:	Lambda Chi Alpha
Campus Service Award:	Gamma Phi Beta
Educational Programming Award:	Alpha Phi
Educational Program of the Year Award:	Pi Kappa Alpha
Alumni Relations Award:	Pi Kappa Alpha
Campus Involvement Award:	Pi Kappa Alpha
Progress Award:	None Awarded
Chapter of the Year:	Pi Kappa Alpha

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Daniel McLean, M.S.
Logistics Management,
Fall 2007

"I am leaving with an extensive amount of knowledge about computers ... much more than when I entered Florida Tech ... for that I'm grateful."

Patrice Zerlina Fraites, M.S.
Computer Information Systems, Fall 2006

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Demetrius Darnell Brooks,
Major, U.S. Army, M.S.
Acquisition and Contract Management



"I intend to use my education to seek a position of greater responsibility and eventually a promotion ..."

Julian O. Boggan Sr.,
Department of the Army,
M.S. Acquisition and Contract Management,
Spring 2007

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Dad Vail

Florida Tech was among the defending champions when rowing teams returned to Philadelphia in May for the 70th Dad Vail Regatta. The event drew 3,000 rowers from 115 colleges and universities for two days of competitive rowing on the Schuylkill River.

The men's varsity eight did well enough in the semifinals to race again and finished sixth in the second finals.

The close of the Dad Vail races marks the end of the rowing season. Coaches **Adam Thorstad** and **Jim Granger** are now at work preparing the teams for next year's races.



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Reagan DuBose '61: BEC's First Graduate

In 1958, Jerry Keuper's dream of bringing higher education to the Space Coast was realized. That fall, 154 students began classes at Brevard Engineering College (BEC), the school that would grow to become Florida Institute of Technology in 1966. Keuper himself had recruited 75 fellow RCA workers, and Reagan DuBose '61, '63 was one of them.

At that time, DuBose worked for RCA's Missile Test Project, where the opening of BEC was announced to all employees. He was eager to take advantage of the opportunity—taking classes toward his bachelor's degree in electrical engineering in the evening, while still working days at RCA to support his wife and four children.

DuBose took two or three subjects at a time in a variety of classroom spaces, wherever the fledgling college could secure a room. And the college's founders sometimes served as his professors.

"I recall having Dr. Keuper for physics and Eugene Fetner for engineering," says DuBose.

Because he had previous credits from two years at Rice Institute (now Rice University) in Houston, Texas, he completed the remaining credits for the associate degree in electrical engineering at BEC before any other student.

"I really didn't seek the associate degree," recalls DuBose, "but Dr. Keuper thought it would be good publicity for BEC and recommended it to me."

So in 1961, DuBose received his associate degree and became the first graduate of Brevard Engineering College. In 1963, Pomp and Circumstance played again as he accepted his bachelor's degree.

At the time of the 1961 graduation, DuBose was a program

Right: Reagan DuBose and his wife Resty at their 50th wedding anniversary in 2003.



Below: Reagan DuBose earned his bachelor's degree in electrical engineering in 1963.



manager with Pan American, the missile range contractor, at Patrick Air Force Base. Later, he went on to work for AVCO at Cape Canaveral and Wilmington, Mass. In 1967, DuBose co-founded Hycor Inc., where he was a director and vice president of engineering. Hycor was acquired by Loral Inc. in 1985. From 1985 until retirement in 1991, DuBose was a consultant with Loral Hycor in Woburn, Mass.

DuBose credits the knowledge he acquired at BEC in helping him throughout his career and specifically in helping him secure his position with AVCO.

Post-1985, DuBose has embarked on a variety of adventures. For three to four months each year, he cruised the Caribbean aboard his 43-foot sailboat *Tinikling*, a Spindrift pilothouse cutter, visiting the Bahamas, Virgin Islands, Belize, Mexico and Guatemala. In 1991, he acquired his private pilot license with instrument rating and over the next 10 years logged more than 1,200 hours flying East Coast to West Coast, Massachusetts to Florida, Alaska, Dominican Republic, Bahamas and more.

While DuBose has returned to campus over the years for homecoming celebrations, he says he is very pleased to be invited to the celebration of the 50th anniversary of his first day of classes and happy that he is healthy enough to participate. He will serve as the grand marshal during the homecoming parade in October.

"It is very satisfying to see the success of BEC and its growth into Florida Institute of Technology," says DuBose.

DuBose and Resty, his wife of 55 years, spend summers in Walnut Creek, Calif., and winters in Pompano Beach, Fla. The couple has four children, 10 grandchildren and one great-grandchild.

Christena Callahan

"It is very satisfying to see the success of BEC and its growth into Florida Institute of Technology."

Reagan DuBose '61

In the Beginning ...



Joan Bixby

It took a remarkable man like **Jerome P. Keuper** to recognize the need for a space era university and then make it happen. He did it on a shoestring, too, employing a gift for surrounding himself with talented high achievers who were more interested in the challenge than in personal glory.

The names of many selfless folks come to my mind who truly loved this university. As I look back at our growth, it becomes clear to me that the dedication of a select group of individuals had most to do with propelling Florida Institute of Technology forward.

Keuper led the list. I've never known anyone who generated as many ideas as rapidly as he did. A brilliant man, he was an idea machine. He seemed to hold no prejudices toward any willing worker and his expectations were high. Maybe that was part of his secret.

When I talk about "selfless individuals," I kid you not. It's hard to believe the amount of devotion

and loyalty that were displayed by members of Keuper's troops, the Florida Tech family.

Here are just a few heroic contributions that were made early on:

- ★ **Denton Clark**, RCA vice president, encouraged a key manager of his staff, Jerome P. Keuper, to resign and take over full-time management of the college he had founded.
- ★ **George Shaw** personally secured a \$200,000 loan to build the college's first library after a donor reneged on a pledge.
- ★ Athletic Director **Bill Jurgens** served his first year as Florida Tech's rowing coach without compensation. At one point, he served as rowing coach and athletic director, chalking up as many as 90 hours on the job during the week.
- ★ **Harry Weber** whipped the electrical engineering department into shape despite the fact that he took over the department when there were 325 students and only two full-time faculty members.

★ Air Force officer **Roger Manley** drove from the Cape to serve as adjunct department head of the largest graduate department soon after it was initiated. Offices were so crowded that his chair was an overturned wastepaper basket and his desk a typing table.

Money was always scarce and Keuper learned early to proffer titles, praise or privileges in lieu of salary increases. For example, when he held the reins, only his crackerjack executive secretary **Anna Galvin** and I enjoyed the title, "Administrative Assistant."

During the past 50 years, Florida Tech has evolved into a mature institution. It has made far more headway than some educational institutions have in twice as many years. I'm proud to be associated with the university today.

More than that, though, I'm delighted that I was here in the old days to work side-by-side with some of the most competent, dedicated and exciting people one could ever know in one's lifetime.

Joan Bixby

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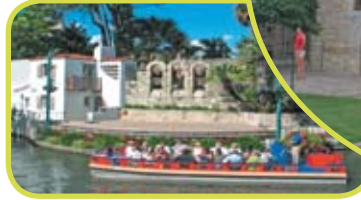
San Antonio Getaway | September 22-26, 2008

Take this short close-to-home trip and enjoy the best of what San Antonio has to offer. Cruise the Paseo Del Rio, known as the Riverwalk, and enjoy a tram ride tour of the LBJ ranch.

Other Highlights include:

- ◆ The Alamo ◆ Fredericksburg ◆ Mayan Dude Ranch
- ◆ Hotel accommodations at the Drury Plaza Hotel on the Riverwalk with nearby sidewalk cafes and historical architecture.

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Airfare provided at an additional cost.



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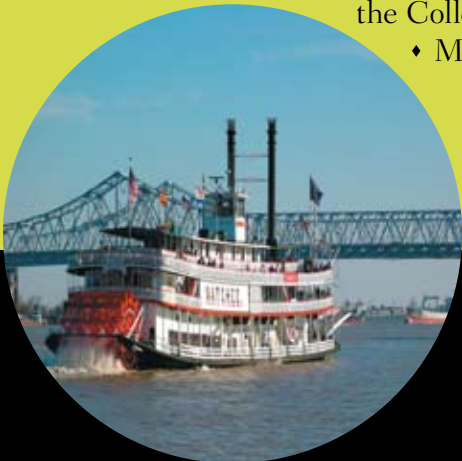
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- ◆ River cruise on the Steamboat Natchez
- ◆ The St. Louis Cathedral
- ◆ Enjoy an elegant jazz lunch at the famous Court of Two Sisters Restaurant
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Richard Turner— 32 Years of Science and Service

Richard Turner, associate professor of biological sciences, came to Florida Tech in 1976. At that time, the 18-year-old university was still coming of age, and the marine biologist from Maine knew little of its existence.

The biology department had only begun five short years earlier. Turner was completing his doctoral work at the University of South Florida. He met **Kerry Clark**, one of the founders of Florida Tech's biology program, at a conference in Oregon and subsequently learned of an opening on the faculty.



Richard Turner conducting fieldwork on the Florida Applesnail in 1995

Thirty-two years later, Turner is the only remaining member of that early group of faculty. So what has inspired him to build his career at Florida Tech? A lot of things, he says.

"I've really had the freedom to pursue what I wanted to in research and teaching," says Turner, whose research focuses on echinoderms, a group of animals that include sea stars, sea urchins, sand dollars and brittle stars. He has also conducted extensive research on the Florida Applesnail. Turner studies anatomy, life history and reproduction of his target organisms as well as physiological ecology.

"We're interested in environmental factors and how organisms adapt to them," Turner explains. "An important aspect of physiological ecology is looking at the tolerances of organisms. What are their limits and what is the significance."

Florida Tech's location has been prime territory for conducting just this type of research.

"The Indian River Lagoon and other coastal habitats are great for teaching and research," says Turner. "It's a lot better than trying to snorkel among chunks of ice in Maine!"

Over the years, Turner has taught invertebrate biology, marine ecology, freshmen biology and several graduate courses. He co-authored the second edition of the textbook *Introduction to Marine Biology* and is at work on the third edition.

Since 1999, Turner has also served as director of undergraduate biological sciences programs. He interviews prospective students, helps develop undergraduate curriculum, handles student requests on a variety of topics and administers exit questionnaires. This role has offered many opportunities to interact with the undergraduate students—some of whom he may never have met. And working with the students is one component that has made his career very worthwhile, he says.

A final aspect of Turner's longevity is his service work. He has held a number of posts within the Florida Academy of Sciences and will serve his second two-year term as president beginning in March 2009.

"I feel as though I'm recognized for my professional service. Value is placed on it, and I'm encouraged because I enjoy serving as well as teaching and research," says Turner.

So what does the future hold?

"I've just got zillions of ideas," says Turner. "I'm just going to continue to work on what I can between now and after retirement."



Richard Turner in his lab in the F.W. Olin Life Sciences Building

Right now, Turner is looking forward to his second presidency with the Florida Academy of Sciences and picking up the course *Biology of Marine Mammals*. And he has no plans to slow down even after retirement.

"I don't plan to stop researching," he says. "I especially hope someday that I can write two books—*Natural History of the Indian River Lagoon* and *A Field Guide to the Fauna and Flora of the Indian River Lagoon*."

Until then, Turner will continue his commitment to the department he has helped grow from infancy to the present day.

"I'm looking forward to working with our new department head **Rich Aronson** who comes on board in January and learning how my involvement may continue in taking the department forward toward the goals he sets."

Christena Callahan

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limited-edition book today!



No Small Dreams: Florida Institute of Technology, 1958–2008

by Jay Wilson

Thirty-seven cents. This first donation to Jerry Keuper, made at least partly in jest at a bar in Indian Harbour Beach, led to the creation of one of the nation's top technological universities, Florida Institute of Technology. The remarkable story of the university as it unfolded over the intervening decades is handsomely told in words and pictures in *No Small Dreams: Florida Institute of Technology, 1958–2008*. This beautiful coffee table book details the university's journey from its origin as the "night school for missilemen" to the vibrant university still growing today.

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Decades of Success for Florida Tech Panthers



From left, Baldur Bragason, Steve Freeman, Robin Chan and Bino Campanini

Fierce Foursome

This year marks the 50th at Florida Tech and has been cause for celebration throughout all of 2008. In October, the university plans to continue celebrating with an induction into Florida Tech's Athletic Hall of Fame unlike any to date.

Patrons at the ceremony won't see a former student-athlete recognized, nor will they see a successful coach enter the hall. Instead, four of the greatest teams ever to compete at Florida Tech enter the Florida Tech Athletic Hall of Fame.

The Panthers choose to recognize the 1982 Varsity Eight rowing team, 1988 Varsity Eight rowing team, 1988 men's soccer team and the 1991 men's soccer team. Both boats won Varsity Eight Championships at the famed Dad Vail Regatta while the soccer teams brought the first NCAA National Championships to Florida Tech.

Creative thinking and a unique attitude rings true for all these teams. **Bill Jurgens** '79 B.S., former rowing head coach and current director of athletics, asked rowers to carry tools out on the water for

last-minute adjustments only to toss them in the water when finished. Head Coach **Rick Stottler** was one of the first coaches in the nation to recruit battle-tested international athletes who had already developed a winning mentality. It is

clear that these Panthers marched to the beat of their own drummer.

While all four teams had similar traits, there are parallels between the '82 Varsity Eight and the '88 soccer team and a different likeness between the '88 Varsity Eight and '91 soccer team.

For the firsts, it was a matter of proving Florida Tech belonged at the top. It was a long, arduous journey up the mountain for each team. The Varsity Eight even had a student walk off the team. Not even a prophetic Jurgens promising the championship could keep the young man in the boat.

Soccer struggled early too. Since Florida Tech operated in quarters instead of semesters during 1988, Stottler's preseason was longer than most schools. In a Florida August, it was more brutal than most schools too. Not all the players made it.

Student-athletes full of desire and effort were the only survivors left on each team. **Fitzgerald "Fidgi" Haig** '92 B.S., a forward on the '88 soccer squad and current women's soccer coach at Florida Tech, said that it was the strong



Bino Campanini '90 B.S., co-captain of the 1988 soccer team, shakes hands with Athletic Director Bill Jurgens as, from left, Robin Chan '91 B.S., Todd Hubner '92 B.S. (in red) and Eddie Grosso '90 B.S. look on.



leadership of captains **Bino Campanini** '90 B.S. and **Steve Freeman** '90 B.S., as well as the will of players like **Robin Chan** '91 B.S., current men's soccer coach at Florida Tech, and **Dylan Lewis** '92 B.S., the only player to play for both the '88 and '91 teams, that galvanized a young squad to do what they did.

"Bino and Steve embody the ideals of a team captain. They cared for players and knew how hard to push. They led on and off the field. They were the team's hardest workers and it was contagious," said Haig. "Robin and Dylan would sacrifice their arms for the team. With those four guys, you could do anything. We felt like we could go through a brick wall and win."

Both teams had a resolve that would not be broken. That teamed with quite a bit of talent and hard work achieved championships for the '82 Varsity Eight and '88 soccer team.

Once each program gained its first championships, even more talent began to come. Each team was now recognized as the best in the nation and that came with perks. All of a sudden, recruits knew about Florida Tech. For that reason, the '88 Varsity Eight and '91 soccer team were both a little more talented than their counterparts.

"Immediately, I thought the 1988 team was special," said Jurgens. "I knew that if they lost, it would be my fault."

He never had to worry as they once again owned the Dad Vails.

Even players on the '88 soccer team concede the '91 squad had more raw talent, although there was no backing down when it was time for the alumni game. That '91 team's talent showed the Panthers earned Florida Tech's second NCAA National Championship.

Each team had a moment to relish in the knowledge that they were no less than best. This year, they will be recognized as the four best Florida Tech teams ever.

For much more than a moment.

Joshua Flanagan



*Florida Tech
Panthers*

CHAMPIONSHIP TEAMS

1982 Dad Vail Varsity Eight Champions

Head Coach—Bill Jurgens
Coxswain—Steve Stevens
Stroke—Mike McDevitt
7—Jim Kenny
6—Chris Wasik
5—Steve Fluhr
4—Greg Hogan
3—Gary Jacob
2—Mark Pohlhammer
Bow—Scott Barberides

1988 NCAA National Championship Soccer Team

Head Coach—Rick Stottler
Assistant Coach—Giles Malone
Assistant Coach—Homer Bozorg
M—Baldur Bragason
F—Albino Campanini
M—Robin Chan
D—Gary Eyles
M—Steven Freeman
D—Martin Gordon
D—Edward Grosso
F—Fitzgerald Haig
D—Tyilan Hannan
D—William Hill
F—Todd Hubmer
D—David Jackson
D—Dylan Lewis
M—Kip Ortiz
GK—Ian McNally
M—Christopher Payne
F—Chris Smilas
GK—Andy Smith
GK—William Twait

1988 Dad Vail Varsity Eight Champions

Coach—Bill Jurgens
Coxswain—Jim Barrett
Stroke—Wayne McFarlane
7—Andy Loeffler
6—Rob Mildish
5—Jim McDevitt
4—Scott Killen
3—Chris Cornell
2—Art Schofield
Bow—Jim Petrowski

1991 NCAA National Championship Soccer Team

Head Coach—Rick Stottler
Assistant Coach—Giles Malone
Assistant Coach—Homer Bozorg
Graduate Assistant—
Albino Campanini
F—Richard Sharpe
F—Colin Semwayo
F—Edward Enders
F—Jeremy Wall
M—Gregory Kemp
D—Dylan Lewis
D—Keith Ames
M—Colin Prest
M—Keiran Breslin
D—Paul Robertson
M—Joseph Daly
D—David Jackson
F—Justin Viezbicke
D—Andrew Fox
F—Chris Rogan
GK—Mark Cartwright
GK—Brett Terry
GK—David Beneway



The History of Florida Tech Athletics

1965

Florida Tech begins intercollegiate athletics with inaugural baseball season.



COMPLETES SEASON — Brevard Engineering College baseball team, shown here, has completed its season and hopes to compete next year in a small-college conference in the immediate future. From left, front row: Danny Friseland, Billy Cochran, Dave Oser, Ed Finkbein, Dick Carr, from left, back row: Alby Bob McLean, John Courtney (captain). Roger Johnson, Dick Sander and Allen Green. The team was coached by Andy Serrano, former major league player now managing a minor league team in the Philadelphia Phillies organization. BEC played interconference clubs and high schools in the area this season. (Photo by Sterling)

1966-67

Men's basketball added to the athletics program.



BEC ENGINEERS — Brevard Engineering College's Engineers, entering the collegiate basketball wars for the first time, have been working out since October under Coach Tony Villani's watchful eye. The team, shown here prior to a practice session, includes, 1st row, from left: Sam Ferrar, John Garcia, Bill Bergan, Bill Lashen, Dan Fickett and Pete Lichtig. 2nd row, from left: Manager Roger Wilman, John Courtney, George Gaultmore, Gerry Lauer, Lois Barrows, Mel Finkbein, Harry McElroy and Villani. (Photo by Sterling)

1967

Men's rowing added to the athletics program.



FIT Has 'House-Cooling'

By HENRY SHERMAN
The Engineers had their first game of the season in the new gymnasium at the University of Florida on Saturday night. The new gymnasium is a fine example of the state's new school construction program. The new gymnasium is a fine example of the state's new school construction program. The new gymnasium is a fine example of the state's new school construction program.

1969

Florida Tech athletics moves into Florida Tech Gymnasium.

1970

Men's soccer added to the athletics program.

1971

Florida Tech men's rowing hosts the first annual Governor's Cup Regatta at the Indialantic Causeway.

1972

Florida Tech holds first annual homecoming events.

1973

As the women's population begins to grow on campus, women's rowing is added to the athletics program.

1977

With the continued population growth of women on campus, volleyball is added to the athletics program.

1979

Florida Tech joins the NCAA with Division II affiliation; slow pitch softball is added to the athletics program.



1981

Florida Tech becomes a member of the Sunshine State Conference (SSC).



1982

Men's rowing Varsity Eight wins first national championship.



F.I.T. 1982 team of the rowing engineers has just brought back the first small college rowing championships. T. crew team members with coaches, from left, John Stillings, Head Coach, and Mike Davenport show they're number one.

F.I.T. crew wins national title

The Florida Institute of Technology's men's rowing team, coached by John Stillings, won the national title in the Varsity Eight at the 1982 championships. The team, which was coached by Stillings, won the national title in the Varsity Eight at the 1982 championships. The team, which was coached by Stillings, won the national title in the Varsity Eight at the 1982 championships.

1983

The Panther is adopted as Florida Tech's mascot. (See Did You Know.)

1984

Men's cross country wins first SSC Championship.

1985

Women's cross country wins first SSC Championship.

Jan. 7, 1986

Florida Tech Gymnasium is renamed Percy Hedgecock Gymnasium.

1986

Panther Athletic Association booster club is established to support the athletic scholarship fund; Florida Tech Sports Hall of Fame established; women's basketball is added as a varsity sport; slow pitch softball converts to fast pitch; men's rowing wins first overall Dad Vail Championship.

1987

Baseball field is upgraded and renamed Andy Seminick Field; men's rowing wins second overall Dad Vail Championship.

1988

Men's rowing wins third overall Dad Vail Championship and second Varsity Eight national championship; men's soccer wins first SSC Championship and goes on to win first national championship.

1989–90

Men's basketball wins first SSC Championship.

1991

Men's soccer wins second national championship; men's programs combine to win first SSC Mayor's Cup.

1992

Women's basketball wins first SSC Championship and advances to the Elite Eight; women's rowing wins first Lightweight Varsity Eight championship at Dad Vail; baseball advances to first NCAA World Series.

1999

F.W. Olin Sports Complex completed including intramural fields, a softball field and a new baseball field to be named Andy Seminick-Les Hall Field.



Sept. 14, 2001

Dedication of Charles and Ruth Clemente Center for Sports and Recreation.

Fall 2003

Men's and women's golf, men's and women's tennis and women's soccer added to the athletics program.

Fall 2004

New soccer field is named Rick Stottler Field.

Oct. 14, 2006

Softball field renamed Nancy Bottge Field.

May 12, 2007

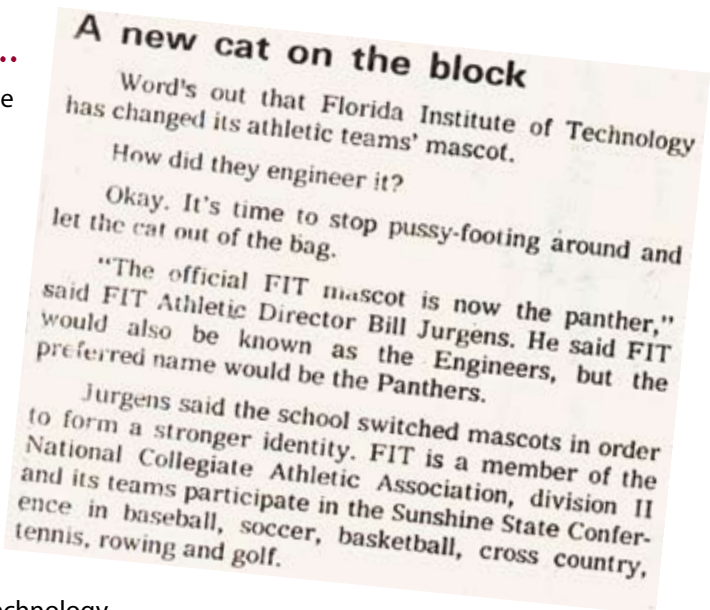
Women's golfer Daniela Iacobelli wins Florida Tech's first individual national championship.

Did you know...

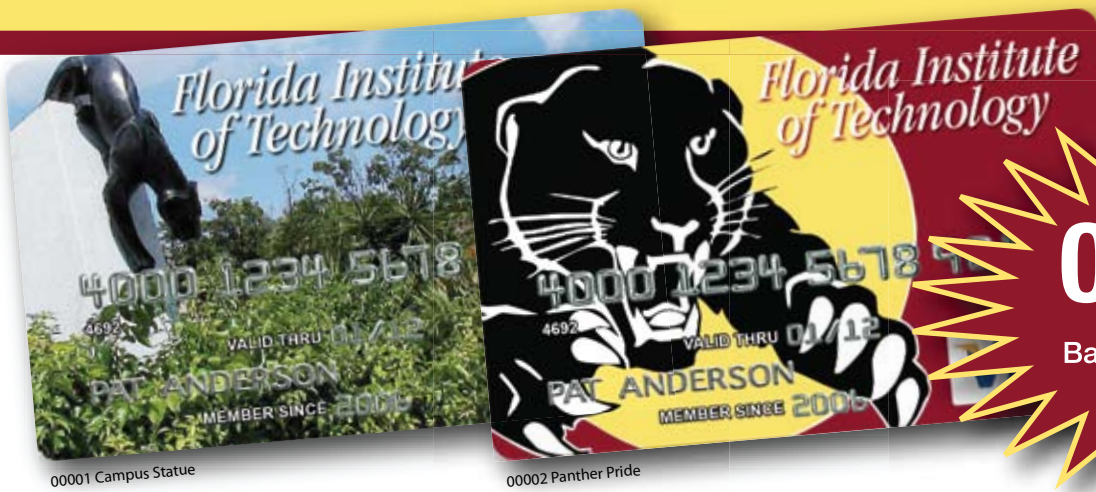
The Panther is not the original mascot of Florida Tech athletics. Still known as Brevard Engineering College at the time, all those wearing the crimson and gray were coined the Engineers. This was the simple choice as BEC was a scientific and technical school. Even when the university became Florida Institute of Technology in 1966, the nickname of the Engineers stayed for another 17 years.

As the program grew and expanded, baseball coach Les Hall, athletic secretary Marie Flanagan and athletic director Bill Jurgens got together to discuss changing the mascot. They all agreed they wanted something more aggressive than an Engineer, and Flanagan came up with the idea of the Panther. There were no other colleges in the area with that name and the panther also happened to be the state animal of Florida. Flanagan, Hall and Jurgens presented the idea to the Athletic Advisory Committee who later recommended the change to President Keuper.

The Panther was approved in 1983 and has been the Florida Tech mascot ever since.



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*Florida Institute
of Technology*

1970

Hi all. This is **John Chappell**, Class of 1970, BSEE. I am now the Deputy Commissioner for Community Services for the Massachusetts Rehabilitation Commission. I considered my days at FIT as the best years of my life! The newness of the university and the collegial atmosphere were all so exciting. Also everything was so new so when I arrived I was fortunate enough to be involved in the formation of many of the activities that are now commonplace at the university.

So FIT, **Happy 50th Anniversary** to you and may you continue to grow and become an even more valuable resource to the science and university community!



1972

Chris Campbell continues to cross items off his personal “bucket list” and this year experienced driving a high performance stock car at Daytona Speedway in May. He did eight laps, reaching 147 mph. Chris can be reached at mcacampbell@hotmail.com.



1973

Duane Futch was named as one of the 25 most influential executives of 2007 by *Business Travel News*. He is director of global travel services for Wal-Mart.



Happy 50th FIT!
The best of times!

George Poidomani, Delta Delta Tau Fraternal Society, Past President — Florida Tech Alumni Association



1983

Catharina Haynes was approved by the Senate to serve on the 5th U.S. Circuit Court of Appeals. She was nominated by President George Bush in July 2007. She is an attorney at Baker Botts in Dallas, Texas.

1989

Brian Kanagy, wife **Yuko (Nitta) '93** and son **Kenjiro** welcomed **Tom** born in May 2007. The family resides in Sunnyvale, Calif.



1990

Jon Elordi, M.S., was named interim general manager of the home robots unit of IRobot Corp. in Bedford, Mass.

Paul Wentz, M.S., was promoted in May to Brigadier General in the U.S. Army. He is commanding general of the 13th sustainment command (expeditionary) in Ft. Hood, Texas. He has served overseas for nine years, including Germany, Panama and Iraq.

1991

Peter Hendrick and wife **Diana** announce the birth of **Dylan** in February. Proud dad is currently the sales manager for United Airlines in Pittsburgh, Pa.



1992

Antonio Testa and wife **Kelly** announce the birth of their third child, **Sophia Caroline**, born in December 2007. She joins siblings **Matt** and **Abigail**. Antonio is a research technician at Cornell University, and the family resides in Cortland, N.Y.



1993



Happy 50th Anniversary, Florida Tech ad astra per scientiam!

Amy Simon-Miller Chief, Planetary Systems Lab, NASA Goddard Space Flight Center, Greenbelt, Md.



1994

James Lackey serves as the deputy assistant commander for acquisition in NAVAIR 1.0 at Patuxent River Naval Air Station, Md. He began his civil servant career there in 1987 as a flight test engineer. In 2007, Lackey was awarded the Meritorious Civilian Service Award for his work on the P-8A multi-mission maritime aircraft program.

1996

Doug Grandey and wife **Amy** are parents to **Zachary Allen** who celebrated his first birthday on July 10. Doug is a software engineer for United Launch Alliance at Cape Canaveral Air Force Station in Florida.



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1997

James and Melissa (Harrell) Booth are parents to Evan Lafayette, born in February. The family is at home in Fort Irwin, Calif.



1999

Joy Kollhoff, M.S., a Lieutenant Colonel, recently joined the Armed Forces Inaugural Committee, which is preparing to support the 56th presidential inauguration on Jan. 20, 2009. The committee coordinates all military ceremonial support for the inaugural period.

Lucy (Massimillo) Hick and husband Garth announce the birth of their first child Chloe, born November 2007. They live in Royal Oak, Mich., where Lucy is a hydrographer for the National Oceanic



Kristina (H o) Ollis '03 M.S. and Grady Ollis '98 B.S., '02 M.S., are parents to Alex James, born April 2008. Big brother Jayden Tyler also likes his Panther T-shirt. Kristina is taking time off from her teaching



duties to be a stay-at-home mom, and Grady works at Harris Corp. The family lives in West Melbourne, Fla.

2005



Happy Anniversary, Florida Tech!

Alli (Manion) Taylor Space Science (Lockheed Martin, Chantilly, Va.) and **Richard Taylor** Aeronautical Science with Flight (AV-ED Flight School, Leesburg, Va.)

and Atmospheric Administration (NOAA). Garth is an Australian citizen and currently a wonderful stay-at-home dad.

1998

Viviana (Ayala) and Jose Collazo welcomed Joaquin Gabriel in April. Viviana is a compensation consultant at Harrington & Associates, and Jose is a CAE engineer at Intersil. The family lives in Melbourne, Fla.



IN MEMORIAM

Ron Polillo '72 passed away in May. He was a resident of Vineland, N.J., and is survived by his wife Marion.

Rusty Mason '76 was the victim of a diving accident in March. He was a marine mechanic with the Florida Department of Environmental Protection in Key West, Fla.

Roger Paige '78 passed away in Dallas, Texas, in May, after a long battle with leukemia. He is survived by his wife Susan and five brothers. Donations can be made in his name to Baylor Healthcare Systems Foundation, Bone Marrow Transplant, 3600 Gaston Ave. Dallas, Texas 75246.

Russell Curran '82 M.S. of Fairfax, Va., passed away in May. He retired in 2004 as assistant deputy chief of staff for operations of the Army Department's Space and Missile Defense Command. He is survived by his wife Karla Martin Curran.

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A simple form that takes 5 minutes to complete can be worth more than \$4,000 to a worthy student.

Florida Institute of Technology

AD-217-406

Save the date—Oct. 10–12, 2008!

Physics and Space Sciences Grand Reunion Celebration

All departmental alumni, faculty, postdocs and students are invited for a weekend of festivities.

Join us for a reception Friday evening including tours of the F.W. Olin Physical Sciences Center, now topped with our new 0.8m Ortega Telescope. Saturday, we'll have two panel discussions and a poster session where you can present as well as learn about Florida Tech's innovative research being conducted by our faculty and students. In the evening, we'll have a banquet dinner with entertainment. Sunday morning, we'll have a brunch at the Panthereum.

Please mark your calendar now for a wonderful opportunity to return home to Florida Tech and spend a weekend reconnecting with your fellow alumni, as well as participating in exciting scientific discussions.

Register at <http://research.fit.edu/psevent>

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To obtain your security ID# so that you may register for the alumni online community, contact Marjorie Beckett, assistant director, at (321) 674-7642 or e-mail mbeckett@fit.edu.

ECE Alumni Event During Homecoming

Professor of Electrical and Computer Engineering, **Dr. John Hadjiligiou**, will be hosting an

OPEN HOUSE

from 6 p.m.–midnight on Friday, Oct. 17, at his home

in celebration of the university's 50th anniversary.

All alumni, family, friends, faculty and professors emeriti are invited to an evening of Greek food, Greek dancing and camaraderie!

For additional information and directions, please contact Dr. Hadjiligiou at jh@fit.edu.

No gifts please.



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"SAVE THE DATE" EVENTS | HELD ON CAMPUS UNLESS OTHERWISE NOTED

2008

October



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October 10-19

Registration and schedule on pages 24-25

16—Fourth Annual Tin Cup Golf Tournament, Baytree National Golf Links, Suntree
27—Alumni Reception, Miami Beach

November

6—Alumni Reception, Orlando

December

8—Alumni Reception, San Antonio, Texas
8-9—2nd Annual Conference on National Preparedness, Hilton Melbourne Beach Oceanfront. For information contact hoier-ca@fit.edu or visit <http://uc.fit.edu/cnp>

2009

January

TBD—Alumni Reception, Vero Beach, Fla.

February

2—Alumni Reception, Washington D.C. area

March

18 or 19—Alumni Reception, Raleigh, N.C.
24—Orlando
31—New York City

Contact the Alumni Office for more information on alumni events.

Additional events can be found on page 27

ONGOING EVENTS | HELD ON CAMPUS UNLESS OTHERWISE NOTED
WFIT Concerts and Special Events—Visit www.wfit.org

Women's Business Center—Visit <http://wbc.fit.edu>
The WBC provides training, counseling, mentoring and technical assistance targeting women entrepreneurs and women-owned small businesses in Brevard, Indian River and St. Lucie counties.

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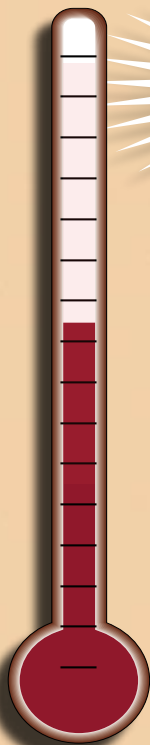
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Dr. Jerome P. Keuper Statue Fund



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Melanie Keuper, daughter of Jerry and Natalie Keuper

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Gene Buzzi '65, chair of the association's alumni relations committee

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