

The
rainbow

Of Delta Tau Delta

SPRING, 1977



**Explosion
At Pittsburgh
Page 8**



**Marathon
At Michigan State
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THE COVER: Iota Chapter's traditional dance marathon at Michigan State University continues its steady growth in support of the battle against Multiple Sclerosis (page 3). At the University of Pittsburgh, Gamma Sigma Chapter discovered a campus-wide feeling of brotherhood in the aftermath of a tragedy (page 8).

THE RAINBOW OF DELTA TAU DELTA

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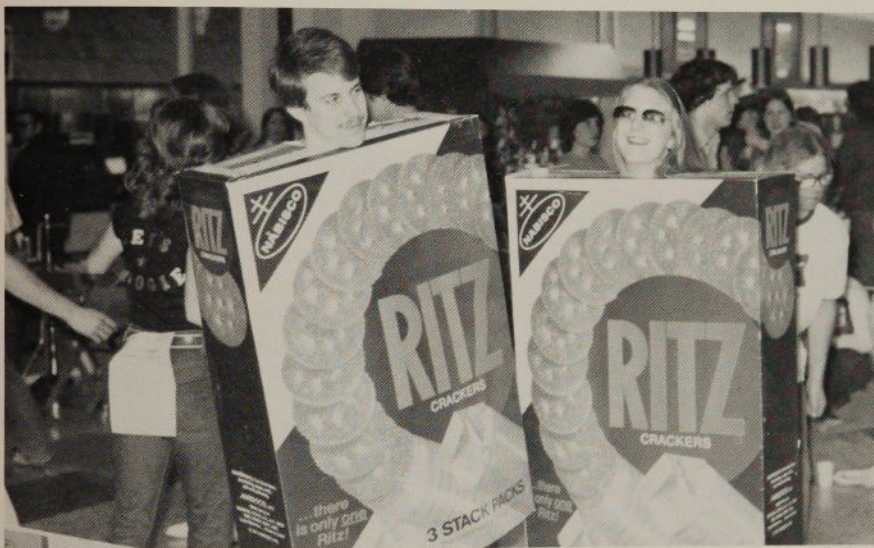
Dancing for Strength

By GEORGE STEWART

Michigan State University

TRIPPING the light fantastic can be a fantastic idea. Especially when you can raise more than \$30,000 for those who can't dance but who might be able to some day in the future. Possibly win a trip to Hawaii. Nobody loses in the Dance Marathon sponsored by Iota chapter of Delta Tau Delta at Michigan State University.

On Feb. 25, 26, 27, the Chapter kicked off its fourth annual Multiple



Sclerosis Dance for Strength Marathon. The Dance Marathon, which was held at an area shopping mall, lasted for 50 hours with 38 couples at the beginning, but only 32 couples lasting the entire time. Pat Johnson, chairman of the Marathon, along with the combined efforts of the Brothers of Iota, raised a total of \$30,600. In the three previous years, \$57,000 had been raised for Multiple Sclerosis.

Brother Johnson, who has chaired the Marathon for the last two years, laid the groundwork for this year's Marathon in early November. Superb organization was cited as one of the keys to the Marathon's overwhelming success. According to Pat, enthusiasm generated by the business community was another impetus for success.

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DANCING: Continued from Page 3



Couples started dancing on Friday at 4 p.m. and finished at 6 p.m. on Sunday, with four-hour breaks between 2 and 6 a.m. on Saturday and Sunday. The winning couple, Rick Young and Denise Gazarrari, inspired contributions and pledges totalling over \$6,000. First place prize this year was a week for two in Hawaii, with second place being two \$250 scholarships donated by Miller Brewing Co. Last year's first place prize was a trip for two to Jamaica.

Miller Brewing Co. also was our main sponsor, supplying us with publicity, trophies, T-shirts and posters. During the Marathon, McDonalds supplied dancers and volunteers with food for the entire weekend.

The founding father of the Dance Marathon is Gary Cumpota, '75. Gary was approached by a representative of the Michigan Chapter of Multiple Sclerosis asking for assistance in the fight against M.S. The idea of a dance marathon was forthcoming, so action was initiated for the first annual Dance Marathon which netted \$13,000. We've come a long way in three years.

Although many persons are recognized for their efforts in the Marathon, it shouldn't be overlooked that if it were not for the couples dancing and the pledges they secured, there wouldn't be any Marathon. Interest also was spurred within the Greek system, with six couples from various fraternities and sororities participating.

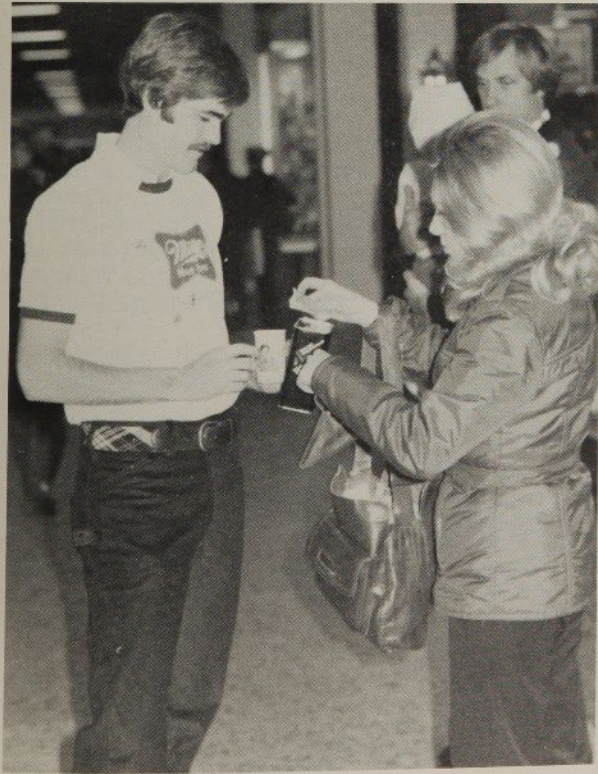
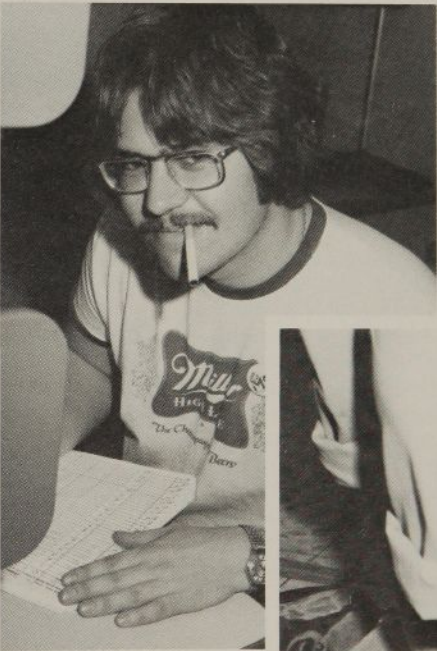
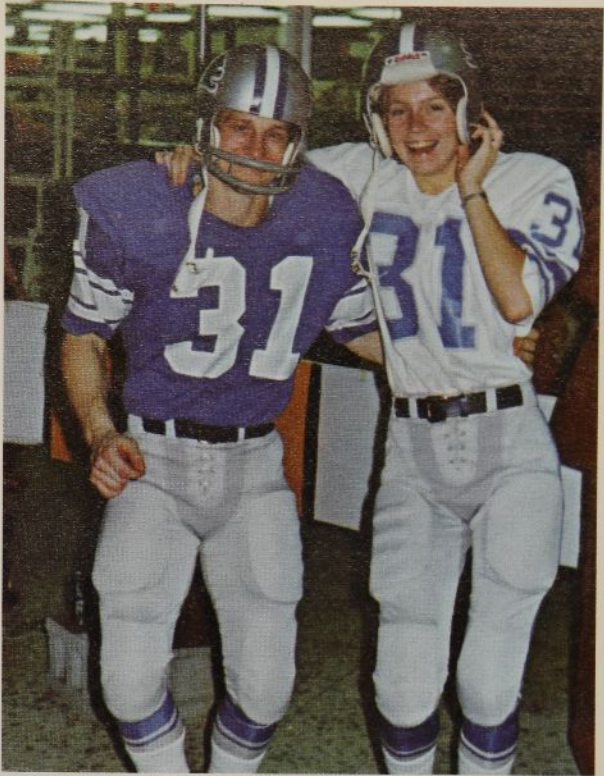
One of the main attractions of the Marathon, besides the dancers, was our own master of ceremonies, Tom Sommers. For every \$1,000 raised, Tom swallowed a goldfish. Over the course of the weekend, Tom consumed 31 goldfish.

Department heads instrumental in the organization of the Marathon were Mike Swartz, head accountant; Dave Murry, floor manager; Robert Wilken-son, prize chairman; John Moore, publicity; and Tom Jordan, sound manager.

The Dance Marathon is just one of many activities that assist in unifying our house. The Marathon is a project that requires tapping the resources of the young men of Iota. It isn't a task for a few to endure. Everyone realizes this and when called upon to assist in any capacity, Brothers willingly do so. We're hoping that this sense of responsibility to the community and to fellow Delts, perseveres in all activities that are encountered.



Clockwise from far left: Marathon dancers; Pat Johnson and Tom Sommers; Brother Sommers gulps one of many goldfish as contributions grow; costumed dancing couple; Mark Swartz keeps count; relief for aching feet; Donn Start accepts a donation; and a dance participant takes advantage of a short break.





Although he was educated as a mechanical engineer, the late Alexander Calder devoted his adult

life to becoming what a New York Times writer described as "a complete artist and a complete citizen."

When Mr. Calder died of a heart attack on November 11, 1976, at the age of 78, crowds thronged to the Whitney Museum in New York City to mourn and to see the showing of his work, "Calder's Universe," on display at the time.

In the annals of Delta Tau Delta's history, Alexander Calder, Stevens Institute of Technology '19, stands at the top among artists. Honors that came his way, particularly late in his career, show that he was held in highest esteem throughout the world.

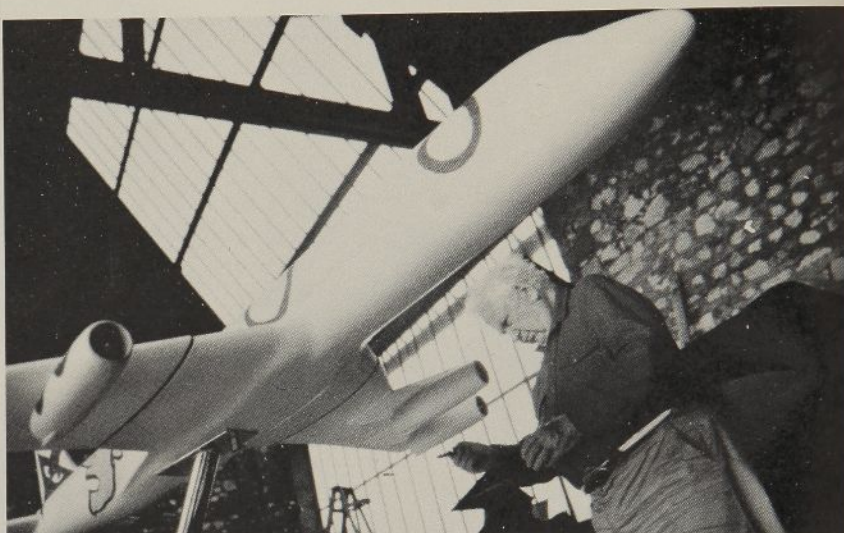
At the time of his death, tributes were paid by artists and patrons across continents, hailing him as a giant in American art.

Said President Gerald Ford, "Mr. Calder's sculpture and innovative art forms helped evolve an entirely new state of consciousness and demonstrated what American improvisation could achieve."

No one ever questioned the innovative spirit of the man whom friends called "Sandy" Calder. He was perhaps best known as the creator of the "mobile" when in 1932 he decided that art need not be static. "The next step in sculpture is in motion," he insisted, then he proceeded to construct mobile art forms driven by small electric motors or hand cranks, carefully choreographed to provide artistic patterns of movement. The first were displayed in Paris.

Then, feeling continuing repetitions would become monotonous, he conceived the idea of letting air direct the rhythms. Later, when he decided that mobile art need not remain delicate, he created huge steel forms, testing them in an aeronautics wind tunnel.

Wit, Invention, and Humanity



Calder at work on a Braniff model in his French studio.

Some of his stabile art reached even larger proportions.

"Teodelapio," which straddles the crossroads entrance to Spoleto, Italy, is so large a sculpture that automobiles drive through it. Other giant Calder stables are found in Scandinavia, Germany, Canada, Mexico, Japan, Australia and in many U.S. cities.

But Mr. Calder was by no means a specialist. He painted, sketched, illustrated books, designed tapestries, created stage sets, and used a wide range of materials for his sculptures. He painted colorful designs on Braniff airplanes and on the sidewalks of New York.

Whether the challenge was a sheetmetal stabile for a nation's capital or a toy for one of his grandchildren, he approached a project with a rare combination of mischief and resourcefulness.

A fellow artist observed that "Sandy" seldom turned his back

on a challenge, regardless of the importance it might have on a career. He decorated a racing car for the Bavarian Motor Works and built a mobile for the main stairwell of the Museum of Modern Art. He fashioned a wire rooster sundial and a 25-ton stabile, "La Grande Voile," for the Massachusetts Institute of Technology.

Just two years before his death, he created a mechanized mural of gigantic proportions for the Sears Tower in Chicago. The project prompted writer John Russell to conclude that Mr. Calder's life's work was "summed up in this enormous piece as it revolved, swung, turned as if on a spit, and generally activated itself in the full brilliance of Calder's favorite colors."

Sculptor Louise Nevelson called him "an original, the outstanding creative mind of the 20th Century."

*Alexander Calder approached art
with mischief and resourcefulness.*

Choreographer Martha Graham told a story of a time he made a set of mobiles for a dance program at Bennington College: "We had no place to rehearse with them, so we rigged them up in the open field, stretched ropes from tree to tree, and learned to manipulate them to give the illusion of the world of fantasy that Sandy wanted and which enchanted me. The field bordered a public highway and by a loud blowing of horns we became aware that we had stopped traffic and people were caught up in this fantastic world of trees and meadow and yellow flowers and Sandy and mobiles and dancers. I thank him for that memory."

Martin Friedman, director of the Walker Art Center in Minneapolis, described Mr. Calder as "one of the greatest form-givers America has ever produced; his art is characterized by wit, invention, and humanity."

His sense of humanity did not let him escape into an artist's world of indifference. In 1966, he and his wife placed a full-page advertisement in the New York Times protesting the Vietnam War.

The effects of pursuing an engineering degree at Stevens obviously complemented the artistic talents of Alexander Calder. Conversely, his decision to study engineering had come from an early passion for tools and "making things," derived from being reared in a family of artists.

His father was a celebrated classical sculptor and his mother a painter. His Scottish-born paternal grandfather was well-known for his statue of William Penn that stands on top of Philadelphia's City Hall.

After college, Mr. Calder searched unsuccessfully for fulfillment in a series of engineering positions, then switched to the study of art in New York, supporting himself by working as an illustrator for the *National Police Gazette*. Using his press pass, he attended the circus, quickly acquiring a love of animals that was to last the rest of his life and greatly influence his career.

After publishing his first book, "Animal Sketches" and enjoying his first show of oil paintings in 1926, he made his way to Paris by working as a laborer aboard a British freighter. When he arrived, he settled into a small room on the Rue Daguerre, where he began work on a miniature circus that later would bring him fame.

He still considered himself a painter, but creation of his first movable wooden and wire animals indicated that he would contribute much as a distinctive sculptor.

The following year he returned to the United States where Gould Manufacturing Company offered him a substantial sum to market Calder toys. That trip began a career divided between France and the U.S. On one journey he met Louisa Cushing James, who became his wife in 1931.

Home in the U.S. was an 18th Century farmhouse in Roxbury, Conn., which he and Louisa bought in 1933. In France, they lived in a large, casual home at Saché.

During the 1930's, Mr. Calder found success on both sides of the Atlantic. His wide range of interests enabled him to always work at things he wanted to do and

attract a diversified (and steadily increasing) public following.

Remaining in the U.S. during World War II, he resumed his ocean-hopping life when France was liberated in 1945, holding his first post-war Paris show the next year. He traveled also to Brazil, Finland, England, Sweden, and Germany, winning prizes for sculpture and developing yet new interests such as set designing and building an acoustic ceiling for University City in Caracas, Venezuela.

For artist Calder, fame preceded fortune. Although he was celebrated throughout the world, he did not begin to receive large commissions until the early 1960's when he finally achieved financial independence.

From then, honors accelerated. In the last years of his life, his fame was growing more rapidly than at any other time in his career. He received the gold medal of the American Academy of Arts and Letters. When a party was held in his honor last year, celebrities from many areas of the arts greeted him. His Whitney Museum show was acclaimed by the nation's press. The Museum of Modern Art produced a motion picture about the artist for television viewing.

Alexander Calder said he believed he was pledged to Delta Tau Delta "because I was a fairly good student and played lacrosse." (He also played on the school's undefeated football team.)

In a career spanning more than half a century, he may very well have become the most famous American artist with a fraternity affiliation. ▲



A crane helps move debris from what was an auditorium complex. Two persons were killed and many injured in the campus tragedy.

It's unfortunate, but nothing brings an organization together like a tragedy. The following is a story about an explosion in one of the University of Pittsburgh's auditoriums and the effect it had on the Brothers at Gamma Sigma Chapter of Delta Tau Delta.

By JOHN FINN
University of Pittsburgh

IT WAS a bright, unseasonably warm day in Pittsburgh. (It was only 21 degrees but that was the warmest it had been in more than a month.) The day was Thursday, January 20, 1977. Two days earlier, classes at the University of Pittsburgh had been closed because of the cold weather and the subsequent lack of heating fuel.

It was business as usual at the House. Most Brothers were watching President Carter's Inauguration on television. Some were studying, others were eating, and a few guys were shooting pool in the basement.

I was busy catching up on fraternity homework that I neglected the night before, when I was distracted by the sound of loose boards pounding, as several Brothers ascended the third floor steps and whizzed past my half-open door. Actually it sounded like a herd of elephants, so I left my work and peeked out the door to see what all the excitement was about.

I didn't catch what the Brothers who made all the noise were saying as they ran from room to room, but I caught some of the responses which further heightened my curiosity.

"What?" "When?" "Where did you hear this?" "How did it happen?" "Was anyone hurt?"

Explosion With a Message

Amidst the confusion — Brothers hopping down the hall trying to put on their other shoe, other Brothers pulling shirts or sweaters over their heads, and still others flying down the staircase and out the door — I was trying to find out what the hell was going on.

"What's the story here?" I asked of anyone who would listen.

"Clapp Hall blew up," someone hollered as he scurried past me and out the door.

"What?" I said, hearing but not believing what was said.

"C'mon, let's go," said another as he grabbed my arm and pulled me half way out the door.

"Let me get my coat" I replied.

I zipped up the steps, pulled on my coat and hustled back downstairs faster than O.J. Simpson runs through airports.

Our rapid pace quickly developed into a trot, and before it was over we were practically sprinting to the scene. Dozens of images darted across my mind as we made our way to the scene. How many died? How many were hurt? Did I know them? I hope I don't see anything, I hate blood. Then I suddenly remembered that I didn't call home. My mother is probably hysterical by now, and, well, you know mothers, they always worry, even when they don't have to.

I was about to turn around and go back to the house to call when Nick said, "Dave Engle is always up there; my God I wonder if . . ."

That was enough for me. Our pace shifted again into high gear and before we knew it we could see Clapp Hall.

We saw dozens of ambulances, several fire trucks and hundreds of by-standers. But Clapp Hall was still intact.

"What the hell's going on here?" asked Lee of no one in particular.

"I told you it would be a false alarm," said Nick.

"Well we've come this far," I said. With that we continued walking, having no idea what awaited us.

Clapp Hall is part of a three-building complex that stretches for an entire block. As we passed Clapp Hall to see what was the subject of attention of all the by-standers, we witnessed one of the most shocking, disturbing and frightening sights anyone would ever hope to see.

It turned out that the initial television bulletin was incorrect. It was not Clapp but Langley Hall, the second building in the complex that had exploded. Actually, it was a portion of the psychology library and two auditoriums housed in a section in Langley Hall.

"Jesus Christ," murmured Lee.

"I can't believe it," I said, "Damn, I just can't believe it."

Twisted steel girders, crushed cement block, shattered glass strewn everywhere, dozens of books scattered about the ruins, firemen and rescue workers crawling over, around and under the rubble searching for God only knows how many bodies, young men and women struggling to hold back the tears, many of whom were unable to do so, media people here and there, some with microphones, others scribbling in note pads, a crane and several bulldozers pushing through the wreckage and hundreds of people with blank expressions on their faces.

This was the scene at the University of Pittsburgh on that fateful Thursday afternoon.

It was like a catastrophic movie, only worse — it was real.

I don't know how long I had been standing where I was as I took in everything that was going on, but I was startled when a friend of mine from home came up and tapped me on the shoulder.

"Ahh," I said as I turned toward him.

"Oh, oh it's you. You scared the hell out of me." I said "Can you believe this?"

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EXPLOSION:

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He shook his head but did not answer. It was at this time I realized that he was as white as the snow at his feet.

"Hey, what's the matter with you," I asked.

"I saw the whole thing. I was walking across the street and I heard a noise sort of like thunder in a distance and it ended with a pop like a truck backfiring, so I looked up and the building was just falling apart, and I couldn't believe it."

He was running at the mouth, talking so fast that I could barely understand him. I tried to settle him down, and when I was sure he had calmed a little, I went to look for my Brothers that I lost somewhere between the time I was taken in by the awful sight and when my friend from home tapped me on the shoulder.

I made my way up the crowded sidewalk, squirming and squishing to get a better view of the site and to find my Brothers.

Just as I began to make progress, my attempts to go farther were thwarted by a pudgy campus policeman who pushed the crowd back.

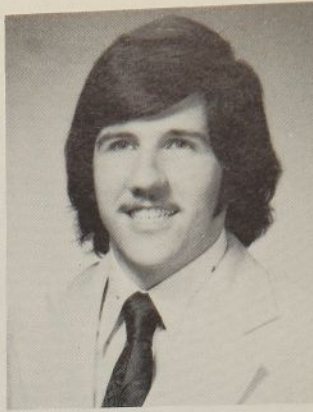
Suddenly I saw the three Brothers with whom I had walked from the house. With them was Dave, one of the Brothers we feared might be in the building.

Lee and Nick told me he was too shaken up to talk. I found out later that he left the building moments before the explosion. Thank God for small favors.

I was so preoccupied with Dave's well-being that I didn't realize there were two men in pure white coats carrying someone on a stretcher. But this was no ordinary stretcher; this was a morgue stretcher and the bag that lay on it was filled with a body.

Instantly beads of sweat formed on my forehead. I could feel my heart beating faster and my head pounding. I don't know what kept me from passing out.

I decided to go back to the house and set up some type of system to locate all the Brothers. On my way over, I met Jim and Gene. Jim had been in the adjacent auditorium



John Finn is a junior journalism major at the University of Pittsburgh. Known to many as "Huck," he currently is president of Gamma Sigma Chapter of Delta Tau Delta, as well as sports editor of the school yearbook.

when the explosion occurred, and although he was obviously distraught, he was able to relate bits and pieces of what happened.

"I was sitting in the back of the auditorium when the wall began to crumble. If it didn't fall the other way, well . . . People just started to panic. Plaster came down from the ceiling and the whole place was getting smokey."

Gene asked him if everyone was all right. "I was one of the last ones to leave so I think everyone got out okay. But I saw some girl get smacked in the face with the frame from a fluorescent light that fell from the ceiling. And I saw another guy fall down the steps and get half trampled by people trying to get out. We were lucky, but I don't know about the people in the auditorium next to us. I don't even want to think about it," he said.

When we got back to the house we found out many of the details. We also discovered that all our Brothers were safely accounted for. There were a dozen or so Brothers gathered around the television set hanging on to the announcer's every word.

Meanwhile, the phone was ringing off the hook — parents, loved ones, alumni, friends, and just about everyone else, it seemed. In a way it made all of us feel good. It's great when someone cares about you, and although no one said anything, we were all pretty happy to hear the phone ringing.

I ran upstairs almost as quickly as I had done several hours earlier. I called my mother, and she cried, relieved that I was okay. She told me that the phone had been ringing incessantly at home too. It really made me feel good to know that others were concerned, even though I didn't admit it.

I joined the Brothers in the living room trying to catch a glimpse of the tube. You wouldn't know it was a fraternity judging from the noise — there was none.

"Recapping; two persons are known dead and 68 others injured in an explosion that rocked Langley Hall at the University of Pittsburgh shortly after noon today," said the newscaster.

My mind began to wonder. God, were we lucky no Brothers were involved, and only two people were killed in an auditorium complex that has a capacity of more than 600, including the psychology library. It truly was a miracle.

The dinner chimes called everyone to the table. Gene delivered a short prayer. "Dear Heavenly Father, thank you for sparing our Brothers in today's tragedy. We pray for those who perished and those who were injured. Also we pray for the loved ones of all the people involved. Amen."

We had beef stew, one of the most popular meals at our house, but nobody ate much.

Brotherhood was never so evident as it was that day at Gamma Sigma Chapter of Delta Tau Delta. Brothers embraced and prayed like never before. Several went to the blood bank to donate blood for any needy victim. Others volunteered at hospitals in the area. Still others made certain everyone concerned was notified of the well-being of all the Brothers.

At a memorial service in Heinz Chapel, it was evident that the tragedy had a positive effect throughout the campus. You don't often see cohesiveness among strangers on a campus this size. But realizing that tomorrow is promised to no one and that such an incident could occur anywhere at anytime seemed to make us appreciate each other a little more.



But What Has NASA Done For Me Lately?

*Plenty, if you watch
television, travel,
compute, communicate,
utilize energy, eat
or breathe.*

in the opinion of F. Carl Schwenk, Penn State '49, young men and women today can find "no better place to further their professional technical development after completing college training" than with what well may be history's most exciting exploratory organization, the National Aeronautics and Space Administration.

Mr. Schwenk is in a position to make an accurate assessment. Since the summer of 1973, he has headed the Research Division of NASA's Office of Aeronautics and Space Technology, with overall responsibility for its basic research program and university activities.

Founded in 1958 when Congress declared "It is the policy of the United States that activities in space should be devoted to peaceful purposes for the benefit of all mankind," NASA today employs 26,000 persons and spends more than \$3 billion annually to pay salaries of scientists, engineers, technicians and others throughout the United States, and to support research in universities and colleges.

"Careers in NASA can be built on a variety of academic backgrounds, including law, business, and journalism, as well as in science, engineering, and mathematics," Mr. Schwenk explains. "Most NASA employees, however, have technical backgrounds in keeping with the purposes of the agency."

Mr. Schwenk's own career developed from a solid background in engineering followed by opportunities for challenging new assignments provided by NASA. Currently he is assigned to NASA Headquarters in Washington, D.C., the coordinating nucleus for far-flung activities in research and space flight centers, each specializing in a few areas of space or aeronautical technology.

When Carl Schwenk joined Tau Chapter at Pennsylvania State University in 1945, he was one of only a few 17-year-olds amidst an avalanche of returning World War II veterans. "It was a great time and a great environment for learning," he recalls.

Later, in graduate school at the University of Illinois, he was asked to serve as resident adviser to help Beta Upsilon Chapter recover from "too-low grades and too-high living." That, too, was a great experience, he says. "I met and worked with a fine group of men and even during the period of probation, the Chapter attracted an outstanding pledge class; there was a major improvement in the academic standing."

In 1951 he joined the Compressor and Turbine Research Division of the Lewis Flight Propulsion Laboratory, Cleveland, Ohio, a facility of the National Advisory Committee for Aeronautics (NASA's predecessor organization). He assisted in early research on transonic compressors for turbojet engines. Later he received comprehensive training in nuclear engineering at the Nuclear Reactor Division, where he remained until going to NASA Headquarters in late 1958 to become a member of the analysis and requirements staff of the Office of Launch Vehicle for planning purposes.

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NASA:

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F. Carl Schwenk

Prior to his present assignment, he was assistant manager of the joint AEC/NASA Space Nuclear Systems Office, an organization he served since November of 1960. In that office, he played a major role in developing a broad range of advanced reactor technology, rocket engine components, test facility designs, advanced nuclear rocket concepts, and electrophysics research. In addition, he was responsible for mission analyses and program planning efforts in the nuclear rocket program.

In recent years, he established a high power laser research and technology program for NASA, an activity that continues under his management.

Mr. Schwenk describes the Office of Aeronautics and Space Technology today as "the nation's civilian organization responsible for providing advanced technology for aeronautics. The programs in aeronautics technology cover all regimes of flight from the low speed of crop dusters to the high speed of supersonic transports. Helicopters, short-haul transports, long-haul transports, engines, propellers, structures, materials, avionics, aircraft noise, pollution, operations, safety, pilot-aircraft interaction, all are researched and studied by groups supported by OAST programs. Cutting the amount of fuel consumed by future commercial aircraft is a major thrust in aeronautics. The direct users of all this aeronautics technology are the aircraft manufacturers and operators.

"OAST also provides technology for missions in space. In this case, other program offices in NASA are the users of OAST products. Some of this space technology applies to near-term space missions; a large fraction of the OAST effort in space technology provides new capabilities to conduct missions in space. As an example of the latter, the Shuttle (named Enterprise by former President Gerald Ford) development relies on know-how provided by OAST programs of two, five and ten years ago. In space technology, OAST supports work in materials, structures, electronics, guidance and navigation, communications, power, and propulsion."

The Research Division, which Mr. Schwenk directs, is concerned with underlying basic scientific knowledge needed in all areas of aeronautics and space technology. It manages some basic research programs directly and advises on all research efforts of OAST. It assures that proper relationships are maintained between OAST and the universities.

The Division also manages a Fund for Independent Research. That fund was established by OAST to provide flexibility of innovative exploratory research in an otherwise fairly rigid structure of technical requirements, objectives, and schedules by which programs usually must be managed.

In 1975, Mr. Schwenk attended the 72nd Advanced Management Program of the Harvard Business School. Last year he received NASA's Creative Management Award for demonstrating an understanding of the art of working with people creatively.

After 19 years of the Space Age, the question still arises, "Why is the United States exploring space?" Answers are so numerous and comprehensive they lead to the conclusion that the greatest discovery of the Space Age is the planet Earth. By moving out into space, we have been able to view our world from a new perspective. We have seen its oneness and its beauty, its fragility and its limitations. And we are alarmed. For this blue oasis in the void which supports our human existence is indeed finite and incapable of sustaining indefinitely twentieth-century man's voracious appetite.

Fortunately, the technology that has opened our eyes and minds to the realities of the future also has given us the tools to meet the awesome challenges that lie ahead. NASA has demonstrated that space technology and systems can be used effectively not only to preserve and manage Earth's precious resources and environment and to exploit its hidden riches, but also to enhance the quality of life for all its inhabitants.

Satellites launched by NASA provide capabilities in crop surveillance, land-use surveys, weather forecasting, education, communications, pollution monitoring, navigation, and the search for new mineral and energy sources.

LANDSAT satellites scan the earth, continuously, identifying minerals, vegetation, and man-made structures. They show geologists where to hunt oil and minerals. They investigate pollution, indicate changes in ecology brought on by forest fires, earthquakes and strip mining. Combined with computers, their capabilities seem infinite.

Aerospace technology is being applied in both conserving and developing new, renewable, economically practicable, and environmentally acceptable energy sources. Solar cell arrays which power nearly all NASA spacecraft can convert sunlight directly into electricity, even on cloudy days, although their high cost limits commercial use at the present time.

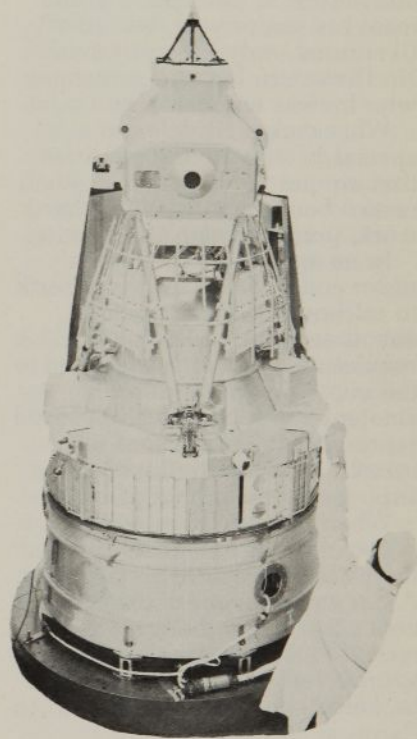
Satellite navigation systems now provide global coverage and are practically invulnerable to weather, available day or night, and provide instantaneous response. To television viewers, programming via satellite already has become commonplace. Likewise, advances in computers, miniaturization, electronics, exotic materials, and many other by-products of space exploration have become part of our way of life, almost without recognition. Medicine has been a major beneficiary of space research. The merging of bioscience and engineering forced by demands of adapting man to space create continuous new medical devices and techniques. New materials developed for space travel are being adapted to use as almost indestructible pipe, spray foam insulation, electric circuitry, fire resistant garments, and tools.

Most important, although not publicly spectacular, is the enrichment of basic knowledge in biosciences, physics, geology, astronomy, and engineering.

NASA, it would seem, has clearly proven that incalculable rewards are gained from exploration of the unknown. Furthermore, the energy and pollution crises should have completely corrected our tunnel vision by this time. Yet, NASA continues to face what a former director called the "Now Syndrome." We should never overlook the unknown potential of our national space program, he said, "but there are few things harder to understand and to pay for willingly than a potential." A persistent political and public pressure exists to narrow NASA sights from adventure to specific problem solving. In doing so, many fear we may bypass unanticipated discoveries that could be far more important to the human race.

It has been less than two decades since America thrilled at putting a grapefruit-sized satellite in orbit. No one could predict what it would do. The only motivations necessary were adventure, scientific investigation and national prestige.

Men like Carl Schwenk are working to keep the dreams of space exploration alive. They accept the challenge of space as offering alternatives for the future. ▲



Earth Resources Technology Satellite Spacecraft gathers information about our environment. NASA Photo.

What I

WHEN Bob Hildebrand graduates from Northwestern University this June, there will be no sportswriters claiming that an era has come to an end. The 22-year-old senior earned four varsity letters in basketball, was a starting guard for the better part of his four years, and served as co-captain of the team his senior year, but, in all likelihood, only the most avid Northwestern fan will remember who he was ten years from now.

What makes Hildebrand a special person are the qualities that are not entered in basketball record books, qualities like hard work, perseverance, and loyalty.

In an age where the media's never ending hype has given birth to million dollar contracts, encouraged the violation of NCAA regulations, and, ultimately, led to the complete prostitution of amateur athletics, Bob Hildebrand represents the essence of what intercollegiate athletics are supposed to be all about.

When Bob was a senior in high school, he was not much different than other athletes in his situation. A star guard on one of the Chicago area's top teams, he was highly recruited after his final season. He spurned scholarship offers from basketball powerhouses like North Carolina State to come to Northwestern, where he hoped to help change a loser into a winner. Upon his arrival at NU, he found himself teamed in the backcourt with an unknown player from

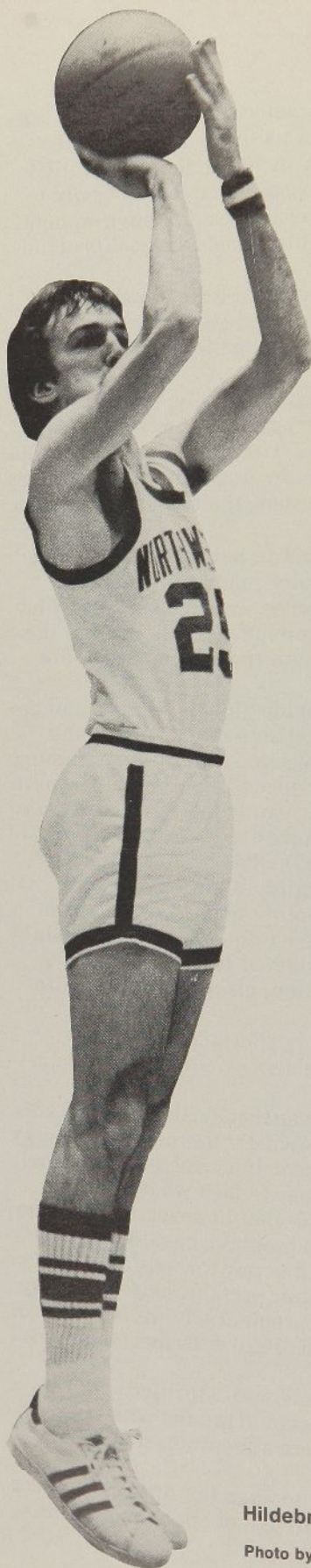
Zion, Illinois, named Billy McKinney.

McKinney, an exciting and flashy player went on to become one of the premiere guards in the Big Ten conference, and attracted a great deal of attention from the news media. But, unfortunately, NU was unable to change its losing ways, and a dismal four-year record of 34-70 attracted virtually no press coverage for Bob Hildebrand.

Despite the change from his high school days, Hildebrand continued to be a dedicated player, and was always the team's hardest working player. Usually the first player at practice, and the last one off the floor, he was always shooting extra shots, running extra windsprints and doing everything he could to become a better player.

As a junior and senior, he encouraged freshmen and sophomores on the team to work hard, and tried to set a good example for all his teammates. Although he received virtually no credit from anyone other than his teammates and coaches for doing so, he led the team in assists as a junior and was a close second as a senior. The team's best defensive player, he became adept at drawing offensive fouls and picking opponents' pockets.

Off the court, where so many athletes neglect the opportunities and obligations of being a student, Hildebrand was a standout. Majoring in psychology, he



Hildebrand takes aim in game against Michigan

Photo by Bill Smith

Collegiate Athletics Are Supposed To Be

By CHRISTOPHER WALL
Northwestern University

The Author

A Junior majoring in political science, Chris Wall is a two-year letterman and teammate of Bob Hildebrand on the Northwestern University basketball team. He has served as secretary and rush chairman for Beta Pi Chapter, and was a delegate to the 1976 Karnea at Minneapolis.

compiled a GPA of better than 3.0 (on a 4.0 scale), and was a 1976 Academic All Big Ten choice.

He joined the NU Delt House as a freshman, and held several positions of responsibility in the chapter. As a sophomore, he was elected social chairman, and as a junior he was appointed the pledge trainer. He also was involved in a "Big Brother" program sponsored by NU athletes, and served as a companion to a child from a fatherless home.

But despite his success off the court, it was difficult for Bob to play in NU's situation, where wins were few and far between. Hildebrand was used to winning, and the transition was a hard one to make. "There were times during my career when I seriously wondered if it was worth all the frustrations I was going through," he reflects. "But in dealing with these frustrations I think I have matured and grown tremendously. You know, in college athletics winning is the immediate goal, but it is by no

means the only goal. To develop young people into well-rounded individuals is the ultimate goal. And it's possible to accomplish this in programs that don't win as often as others."

Bob showed great character not only in his dedication to put out a 100 percent effort on the basketball floor every day, but in his participation in the rest of the NU community. He was active in the academic, fraternity, and community realms. The Delt House, he says helped him to become a more mature person.

"Particularly when I was a freshman and sophomore, the House was an oasis away from the frustrations of athletics, a boost to my academics, and a place where I learned to accept responsibility."

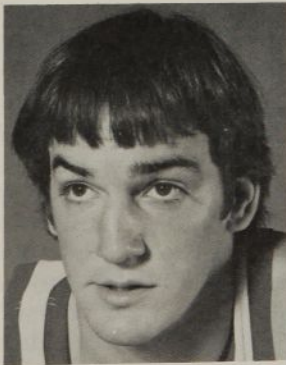
Nowadays the pressures of the media, college alumni, and college administrators has twisted and distorted the purpose of intercollegiate athletics to the

point where success is measured solely in terms of wins and losses, and dollars and cents. It is refreshing to find someone like Bob Hildebrand who finds satisfaction in hard work and dedication, and has used athletics as an enriching experience.

Far too many of today's collegiate athletes are looking to a professional future and forget about the real purpose of a university: education. Indeed, in the era of enormous under the table payoffs to college stars, it is a tribute to Hildebrand's character that he is more than content with an athletic scholarship, and has made many positive contributions to the Northwestern University Community.

Although Curt Gowdy will never know or care who he is, Bob Hildebrand (and those like him) are the real winners in collegiate athletics. His hard work and dedication have helped to make the NU program a better one than it was before he arrived. Those who played alongside him have been influenced and inspired to work harder and realize their athletic potential.

By giving of himself to the Delt House, he has helped make important progress for Beta Pi, and insured the chapter's continued success. Bob Hildebrand is a special person; a credit to his teammates, his school, and his community. All Delts should be proud to count him among our ranks. ▲



Bob Hildebrand

TAKE ONE professor, a businessman, a dentist, an architect, and a broker, stir to action until ideas bubble, and the blend is ready to serve as the main course for Delta Tau Delta's business affairs.

The Fraternity's Board of Directors, consisting of the president, vice-president-ritualist, second vice-president, secretary, and treasurer is charged with responsibility for determining management policy. It determines investments for various Fraternity funds, disbursement of loans to house corporations, annual budgeting, size of administrative staff, and other business planning.

Joined by the director of academic affairs and the four Division presidents, the group becomes the Arch Chapter, governing board of the Fraternity.

Under terms of the Constitution, the Arch Chapter's chief function is to review programs, set standards, and establish policies that assure continued growth and progress of the Fraternity. It is responsible to the total membership and responsive to soundings from undergraduate and alumni chapters, divisions, the Karnea, special committees, and the Undergraduate Advisory Council.

Through the years, the effectiveness of Arch Chapters can be attributed to a diversity of expertise combined with a common dedication to the task. Virtually every Arch Chapter member in history has accumulated an enviable record of service before election to national office.

Working without pay and with only partial reimbursement of expenses, members of the Arch Chapter donate time and substance nearly equivalent to a second job. When asked the obvious question, "Why?", they express in various ways the general feeling of giving back to the Fraternity some of what it gave to them.

Brief profiles of current members offer a cross-section of the business and professional experience, combined with Fraternity service, that provides continuing leadership for Delta Tau Delta.

Board of Directors

Dr. Frederick D. Kershner, Jr., Butler '37, was elected president of the Fraternity at the 1976 Karnea. One of the nation's leading educators, he is professor of American social and intellectual history at Columbia University. Before joining the Columbia faculty 18 years ago, President Kershner taught at Ohio University, where he served as Beta Chapter adviser. Earlier, he was a resident adviser and trouble-shooter on special Fraternity assignments. Before his election to the Fraternity's highest office, he served 18 years as director of academic affairs and two years as vice-president and ritualist.

William J. Fraering, Tulane '46, vice-president and ritualist, is president of Fraering Brokerage Co., Inc., food brokers and distributors headquartered in his home city of New Orleans. His long list of

Recip



Second Vice-President William O. Hulsey, President Frederick D. Kershner, Jr., and Vice-President-Ritualist William J. Fraering.

Fraternity service includes president of Beta Xi House Corporation for 22 years, past president of the New Orleans Alumni Chapter, chairman of the 1962 New Orleans Karnea, Beta Xi Chapter adviser, vice-president and president of the Southern Division, secretary and second vice-president of the Fraternity.

Dr. William O. Hulsey, Texas '44, second vice-president, a dentist in Fort Worth, also owns and operates a cattle ranch south of that city. He has been Epsilon Beta Chapter adviser, vice-president and president of the Western Division, and secretary of the Fraternity. A member of the Distinguished Service Chapter, Dr. Hulsey organized five of the nine Delt chapters in Texas. He also was elected outstanding alumnus of his chapter.

Kenneth N. Folgers, Illinois Tech '58, secretary, heads his own firm, Kenneth N. Folgers Architects, in Chicago. Before forming the company he was a partner in the architectural company C. F. Murphy Associates. A past chapter adviser, vice-president and president of the Northern Division, he also has served as president of the Illinois Tech House Corporation and the Chicago Alumni Chapter. He lives in the Chicago suburb of River Forest, where he is a village trustee.

Donald G. Kress, Lafayette '58, treasurer, is an investment broker with Smith, Barney, Harris and Upland in Tampa, Fla., specializing in corporate investment planning and private investment sales. Before moving to Florida last summer, he was with a New York investment firm, and served as chairman

Policy

of the 1968 Karnea in that city. He has been adviser of Rho Chapter at Stevens, president of the Nu Chapter House Corporation (Lafayette) and the New York Alumni Chapter, vice-president and president of the Eastern Division.

Director of Academic Affairs

R. James Rockwell, Jr., Cincinnati '59, director of academic affairs, has been a leader in laser research in medicine, biology, and safety since 1963. Currently director of continuing education services for *Electro-Optical Systems Design Magazine*, he previously was directing physicist of the Laser Laboratory of the University of Cincinnati Medical Center. He has written more than 40 technical articles and two text books, and holds patents in the field of laser microsurgery. He has served as a Northern Division vice-president, on special Fraternity assignments, a member of the Gamma Xi House Corporation, president of the Cincinnati Alumni Chapter, and chairman of the 1964 Cincinnati Karnea.

Division Presidents

Whereas members of the Board of Directors and the director of academic affairs are elected by the Karnea, division presidents are elected at individual division conferences. This spring, terms expired for three of the four division presidents. Their successors will be introduced in the summer *Rainbow*.

The Rev. Father G. C. McElyea, Ohio Wesleyan '47, known by young and old as "Tex", is rector of St. Lukes Episcopal Church in Dallas. A member of the Fraternity's Distinguished Service Chapter, he has been vice-president and a two-term president of the Western Division, and has not missed a Karnea since 1946.

Wayne A. Sinclair, West Virginia '68, a partner in the law firm of Steptoe & Johnson, Charleston, W. Va., specializes in representing insurance companies and corporations. He also is chairman of the State Civil Service Commission and counsel for the State Department of Welfare and the West Virginia Dental Association. He spends about three months each year lobbying in the State Legislature for the American Insurance Association, which represents 154 companies. He has served the Fraternity in many areas, including Eastern Division vice president and two-term president, and recently accepted the job of adviser for Gamma Delta Chapter (West Virginia University). ▲

Evangelos S. Levas, Kentucky '54, Lexington businessman, recently opened a beautiful new restaurant in that city. In addition to being a restaurateur, he is a real estate developer. He has been president of the Delta Epsilon House Corporation and the Lexington Alumni Chapter, vice-president and president of the Southern Division.

John W. Wood, Jr., South Dakota '68, who returns for a second two-year term as president of the Northern Division, is a partner in the law firm of Corrick & Wood, Minneapolis. He also is assistant city attorney for the suburb of New Hope, where he lives. A former chapter consultant for the Fraternity, he was a Northern Division vice-president before election to the presidency in 1975.



Secretary Kenneth N. Folgers, Director of Academic Affairs R. James Rockwell, Jr., and Treasurer Donald G. Kress.



Northern Division President John W. Wood, Jr., Western Division President G. C. McElyea, Eastern Division President Wayne A. Sinclair, and Southern Division President Evangelos S. Levas. Terms for McElyea, Sinclair, and Levas expire this spring. Their successors will be introduced in the next issue.



Ted Littlefield

Photo by PETE WILKINSON
Maine '76

You Don't Know

The cause of the accident has never really been determined. A friend of Ted's had been following him back to a spot where they had been camping out while working on a road construction job in Ellsworth. He saw Ted lose control of the motorcycle, and when he finally reached him, he found Ted unconscious and breathless. After a half-hour of mouth-to-mouth resuscitation, an ambulance arrived and took Ted to the Eastern Maine Medical Center in Bangor, 40 minutes away.

"I don't remember anything about the accident, only what I've been told," Ted said recently. "I guess it was about six O'clock that evening and we were a half-mile from camp. I think I hit a rock or something, because I lost control of the bike. It dipped down a couple of times and I was able to bring it back up, but the third time it went down I couldn't control it. The bike went one way and I went the other. I hit my head on a tree and came down on a rock, breaking my collarbone."

"It's something that happened, and that's it. It's history. If I couldn't face what has happened, I wouldn't think too much of myself."

Ted doesn't remember much of the period following the accident. He was in a coma for three weeks after the accident, although Ted said it was about three months before he began to realize what had happened. He had undergone surgery for internal bleeding as a result of the collapsed lung, and had a hole the size of a silver dollar cut in his throat when his doctors performed a tracheotomy. His parents had been told that if he did survive, there was a good chance of permanent brain damage.

But despite the pessimism of many, Ted lived. With school approaching, he had been working

THE WORDS are out of a Joni Mitchell song, and even though the phrase has a tendency to be overused, it's appropriate:

"You don't know what you've got 'til it's gone." Ted Littlefield, a Delt at the University of Maine's Gamma Nu Chapter, believes in that phrase. But unlike others who have quoted those words, he feels that his loss, while devastating, is only temporary.

Ted's story sounds like a script stolen from Hollywood. Through an undying spirit, he has managed to reach his goal of graduating from college after a near-fatal motorcycle accident had delayed him. On Aug. 26, 1975, Ted lost control of his two-month-old Honda 550 motorcycle on a back road in Ellsworth, Maine. The bike

went skidding off to one side, flinging Ted through the air until he crashed into a tree, resulting in a brain hemorrhage, collapsed lung, and a broken collarbone.

At the time of the accident, Ted was one week away from the start of his senior year at the University of Maine. In his three previous years at UM, he had earned three varsity letters as a member of the track and cross country teams, and was a member of the rugby club.

Ted was also active within his fraternity. He was recording secretary of his chapter, a member of practically every intramural team, and one of the most effective "rushers" in Gamma Nu. He also had the reputation for possessing one of the best stereo systems in the house, much of which he built himself.

at You've Got 'til It's Gone

out daily in anticipation of the upcoming cross country season, and he credits the training as being the reason he pulled through.

"I had been working out," he said, "running seven or eight miles a day. The doctors said the only reason I am alive is because my heart was so much stronger than most people's. That goes to show you what being in shape can mean."

Ted's physical appearance changed greatly after the accident. His body went from a muscular 185 pounds to less than 100 pounds during his first months in the hospital ("I was a real 97 pound weakling," he laughs). His once-straight hair became curly as a result of high fevers while in the hospital. He wears a brace on his right leg to support his weak right ankle, which lost its strength as a result of brain damage. Ted wears glasses with prism lenses to correct a slowly improving problem with double vision, and the scar from his tracheotomy peeks over the collar of his shirt.

"It wasn't just physical things that were messed up," Ted said. "My mind was pretty messed up, too. When I came out of the coma, I was 22 years old physically, but two years old mentally. If I had known then how bad it was, I would've said, 'This stinks! I can't take it!'"

"I knew I was pretty spacey at first. I didn't know anybody. The first people I recognized were my mother and father. I didn't recognize anyone else until two months later."

The blow Ted took to his head during the accident had the doctors concerned whether or not the damage to Ted's brain would be permanent or temporary.

"When I came out of intensive care," he said, "the doctors told my parents that I might live, but I probably would never be able to

talk again. They said I'd probably be institutionalized for at least a year. They also said I wouldn't be able to take care of myself. They were wrong, I guess."

His speech did return, and is improving fairly rapidly. When he first got it back, all he could do was make "growling noises." But now his speech is getting clearer, and "I can talk to people who don't know me and explain things to them."

Ted started physical therapy soon after he came out of the coma to get his body's circulation moving again. The therapists would stand him up against a board and strap him to it so that the blood would circulate to his feet. He also played games such as tic-tac-toe to improve his hand-eye coordination.

Although he technically came out of the coma three weeks after the accident, Ted says he never understood what was happening to him until late December.

"I remember saying to myself, 'What the hell has happened to me?' My mother and father used to tell me, 'You were in an accident. That's what happened.' They were afraid I would be scared not knowing. But it just wouldn't register."

"It was a long time before I realized what had happened. I had just accepted the fact that I couldn't do much."

Ted remained in the hospital from the day of the accident until the end of February, when he was allowed to go back to his parents' home in Hampden, Me. for a week. He had gone home for both Thanksgiving and Christmas Day, but had not understood what was going on around him. He was glad to be home again, but he began feeling depressed at the thought of returning to the hospital. He went back, though, and was released for good on March 26, 1976, exactly seven months after he had entered.

His depression continued even after he returned home. "I started thinking about how bad off I really was, how little I could do," he explained. "I would sit around and get mad a lot. I was grumpy as hell. I had always considered myself an independent person. My pride was hurt. I found that I couldn't do much by myself, and it was a hard pill to swallow."

While he was at home, Ted was confined most of the time to a wheelchair. At first he had to be strapped into it so he wouldn't fall out. It wasn't until April that he began to move around in it on his own, and it was then that he found that his arms were regaining their strength. Inspired by this realization, Ted began to exercise with barbells.

"At first," he said, "all I could do was lift the bar alone. But now I'm lifting a 50 pound barbell, 15 times, two or three times a day. That's about all I can hack!"

"I've always found that a good way to get rid of frustration is to do something violent, like swim or run, to get things out of my mind. I never was one to sit around and vegetate. It bothered me in the hospital that I couldn't do anything to get rid of it."

The exercise program Ted put himself on helped put an end to his depression and changed his attitude towards himself. He began looking at his situation more optimistically, which eventually led to his decision to return to school.

"I decided to come back to school around the end of July," he said. "I should really say that my mother decided. If I had had my way, I would have said, 'No way! Not until second semester!' At the time I was still in a wheelchair and I didn't want to go back in one. That would have been a big blow to my ego."

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YOU DON'T KNOW:

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"My mother had been saying 'Go back, finish up this year, and get out.' It made sense. I saw that it did two weeks later."

Ted spent much of the remaining summer keeping a daily journal to pass the time until school started. Because of the brain damage, Ted was unable to write, so he wrote his journal with a typewriter, usually writing a page a day. In his journal, Ted tells of the day that summer when he was asked to be an official for the Greater Bangor Track and Field Meet. Ted had competed in the meet in previous years, and his journal points out his excitement at being able to be a part of it again.

The journal also points out another milestone on his road to recovery, when he finally was able to walk with crutches. Ted's goal was to be able to use them before the start of the fall semester, and he succeeded in reaching it. Although he still must use crutches, Ted is now able to walk short distances without them.

School started again for Ted on Sept. 9, 1976, slightly more than one year after the accident. He had enrolled in four classes, and said at the time that he felt "worse than a beginning freshman. I didn't feel I belonged here." During his first semester back, Ted commuted from his home in Hampden to classes with a friend, three days a week. While on campus, his fraternity brothers would take him to and from his classes.

Getting to those classes wasn't easy. Two of his four courses were taught on the third floor of a building, with no elevator to help him get there. Ted would climb the stairs by holding his crutches in his weaker right hand, pulling himself along the railing with the stronger left hand. Although the battle with the stairs each day was tiring, it did help strengthen his arms and legs. By the end of the semester, he had begun to tackle stairways and other obstacles with more confidence.

Another problem Ted faced when he returned to school concerned taking notes in classes.

Since he could barely write at first, he would ask one of his classmates to make a carbon copy of notes for him. Ted's writing has since improved so much that he takes most of his own notes now.

Although he spent seven months in a hospital, Ted was fortunate in not having to worry about paying any bills. His hospital expenses totaled nearly \$100,000, most of which was taken care of by insurance.

"For example," he said, "the doctors had to give me something made from the brains of two horses. I needed two doses at \$500 a dose. Expensive as hell!" Insurance still pays for therapy, while Ted receives some Social Security benefits as well.

One of the highlights of Ted's first semester back in school was a dinner held in his honor by his

"The only thing that concerned me before was competition. Now I see more to life than just that."

Brothers at Gamma Nu. The guest list included his parents, the president of the Gamma Nu House Corporation, the house adviser (who was also Ted's cross country coach), and the dean of student activities for the university.

During the festivities, Ted was presented a check for \$400, the amount raised for him by his Brothers to help cover some of his expenses. After being presented with the check, Ted didn't know what to say.

"I was embarrassed," he said later. "I'm not used to being the center of attention. It felt good to know I had so many people behind me."

Ted later returned the check to the chapter so that it could be used to build a trophy cabinet for the chapter house.

One of Ted's hopes was fulfilled in January of this year when he moved back into the Delt House once again. Ted had lived in the house practically year-round since the beginning of his sophomore year, and was looking forward to moving back in.

"It wasn't that I didn't like living at home," Ted explained, "but mostly I wanted to be with people my own age again. Besides, (the Delt House) is a much greater social outlet."

Ted's attitude towards sports has mellowed some since the accident. "I don't know if I'll ever be able to run again," he said, "but if I can't, big deal. I should be able to get out of this brace some day. I hope I'll be able to skate or ski again."

Although he had once hoped to go on to law school after graduation, Ted says now he has changed his mind. A history major, Ted says he would like to get a master's degree in vocational rehabilitation at another school. "That's something that really interests me now. I sure as hell don't want to teach history!"

With the worst part of the battle behind him, Ted is looking at his situation optimistically.

"I can see now," he said, "how serious it really was, and how lucky I am to be alive. It could have been a lot worse. I could be paralyzed completely or not able to talk at all. Even though I don't sound so hot right now, it's a lot better than it was. Things could be a lot worse."

"I sometimes look back at the whole thing and say 'There goes a whole year of my life.' But then I say, 'Well, at least I had that year.'"

"It's not a hopeless cause, it's a challenge, just like track was a challenge. The only thing that really concerned me before was competition. Now I see more to life than just that."

Ted keeps his damaged motorcycle helmet on the bookshelf in his room as a reminder of how far he has come and how much farther he still has to go. His eyesight is improving fairly well, his legs are getting stronger, his coordination is coming back, and even his hair has straightened out.

"I don't know when I'll be back to normal," he said. "It could be by the end of this summer, or it could be two or three years. We'll see. I know what I had before, and I want to get back to it. It's just a matter of time, I guess, and I've got plenty of it."

▲

Meaning of Academics

Grade Point Average is just one of several criteria on which today's Delt Chapters establish Scholarship programs.

Two years ago, the Fraternity embarked on a new project aimed at revising attitudes of straight grade-point measurement toward this more complete concept of academic achievement.

The new "Program for Action," named and organized by Mr. Rockwell, set five major goals: an effective academic program guide, a working scholarship advisory committee, recognition for excellence, computerized comparisons of information, and chapter participation in a "scholarship bonanza" prize competition.

Effects of the new program, reflected in recent chapter reports and subsequent scholarship awards, indicate success in all but one area.

"The bonanza prize idea just didn't make it," Mr. Rockwell says. "Chapters made it clear that they want to be recognized for scholarship in ways other than receiving material prizes. I certainly can't quarrel with that feeling."

In every other respect, the new direction gives reason for enthusiasm. Mr. Rockwell emphasizes the word "direction" because much progress remains to be made. This is true primarily in the degree of participation. Slightly more than half of the Fraternity's 115 chapters made adequate reports in the past academic year, and Mr. Rockwell will not be satisfied until that figure reaches 100 percent.

"I noticed that the quality of our last reports was far superior to anything I have seen before, however, so I must conclude that we are getting through to people," he says. "The Karnea helped, and I hope the program will be promoted at both division and chapter levels. From the early

returns, there seems to be no doubt that it works."

The *Academic Program Guide*, in its first printing, has received great acceptance by undergraduate chapters. A no-nonsense publication, it outlines specific means of setting up study programs that work, even giving examples of note-taking formats.

"But if you analyze the guide, you will notice that it does not stress just getting good grades," Mr. Rockwell points out. "It stresses many other things that are important, things like community service, which I consider part of an academic program because when a man graduates he is going to be called upon to serve his community. It stands to reason that he should learn something about doing that in college, and some of the chapter philanthropic records are absolutely incredible. To me, that is as much a part of learning what life is all about as getting straight A's in class work."

The guide is more than one man's opinion. Much of it is written by undergraduates who describe methods that have found documented success.

Mr. Rockwell considers the guide, not a static text but "something that must be upgraded continuously." He hopes to continue getting feedback and contributions from chapters.

An area that has shown success even beyond expectations is the cooperation by members of a 14-member Scholarship Advisory Committee, each of whom has assumed responsibility for assisting schools in his area.

Chapter achievement reports, sent to the Central Office, are forwarded immediately to appropriate committee members

(Continued on Page 22)

"Academics" has been described by R. James Rockwell, Delta Tau Delta's director of academic affairs, as one of the educational "buzz-words" of the 1970's.

"It is used when one wishes to compress the many and varied learning experiences of higher education into a single word," Mr. Rockwell declares. "The pursuit of the complete educational experience is not new to Delta Tau Delta. Our Fraternity has understood the value of a broad educational experience since its founding. It is, in effect, a learning preparation for life. In this vein, the term 'academics' can include traditional scholastic performance in the classroom, community service and leadership, cultural expression, and any program supportive to over-all college learning."

MEANING OF ACADEMICS:

Continued from Page 21

who review them and reply directly to chapters within a few days.

"The committee members are top-notch men willing to give time to helping chapters with problems, if the undergraduates will just call on them for assistance," according to Mr. Rockwell. "They are divided regionally."

Members of the Scholarship Advisory Committee are Dr. James L. Conley, Ohio Wesleyan '59, Macomb, Ill.; Dr. Robert W. Chick, Missouri '46, Corvallis, Ore.; Dr. E. Earl Pflanstiel, Jr., Kentucky '56 Lexington, Ky.; Dr. Joseph D. Boyd, DePauw '48, Deerfield, Ill.; Louis K. McLinden, Pittsburgh '51, Bethel Park, Pa.; Dr. Charles D. Buntschuh, MIT '53, Bedford, Mass.; Timothy J. Hoff, Tulane '63, University, Ala.; Dr. Robert K. Williams, East Texas State '48, Commerce, Tex.; Dr. Glen G. Yankee, Illinois '39, Cleveland, Ohio; Dr. Robert F. Charles, Jr., Wabash '59, Boulder, Colo.; Dr. Howard L. Greene, Cornell '58, Mogadore, Ohio; Dr. Robert D. Koehn, Southwest Texas State '54, San Marcos, Tex.; James R. Hyde, Cincinnati '61, Sulphur, La.; and Judson C. Sapp, Emory '63, Atlanta, Ga.

Five aspects of academics are considered on achievement reports.

Achievement reports consider five major aspects of academics. These are (1) grade averages, (2) the overall chapter program in academic affairs, (3) chapter scholastic honors, (4) selectivity of pledge education, and (5) creative ("unusual") programs to reinforce scholarship.

"The idea of this broader approach actually dates back four years," says Mr. Rockwell. "It was a long-time objective of Fred Kershner (now Fraternity president) when he directed academic affairs. Since then report

forms have been massaged a couple of times and I suspect that will continue in the future. Times change and we want to change accordingly.

One change has been in college and university policies toward reporting grades. About 25 percent of the Delt Chapters report that their institutions no longer release all-men's grade averages. This is one reason the Fraternity's "Program for Action" included a computerization of chapter grade reports. Now that it is in effect, the idea seems to be a great improvement in grade comparisons for other reasons as well.

Explains Mr. Rockwell, "We now compare each chapter with others in its division, and we can get some idea of how Deltas compare with those campuses that do report all-men's averages. For instance, we know that the all-men's average for campuses that report such things and have Delt chapters is 2.696, and that the averages of all reporting Delt chapters in the country is 2.776. There are myriad variations in grading — a lot of intangibles — but we come about as close as you can get in comparing hard facts of grades. Over the years it gives a good general picture of performance."

Mr. Rockwell praises the work of John Paule, a senior at Gamma Pi Chapter, Iowa State University, who wrote the computer program for the entire project. "John did a wonderful job, and his professors were very impressed," Mr. Rockwell says. "Now that we have the program, he gathers data in seconds that would take me many, many hours to compute. He has made a tremendous contribution to Delta Tau Delta."

On campuses where administrations do not provide group grade averages, many Delt chapters compute their own averages, verified by chapter advisers, for the annual Fraternity achievement reports.

"At the beginning of the program, we made a computerized comparison of a 10-year period, and we found that Delt averages have always been just a shade above the all-men's averages," Mr. Rockwell says. "We also

concluded that it is best to keep awards on a Fraternity Division level. There seems to be a variation that holds true over the years, namely that the East always has the highest averages (campuses as well as Delt chapters), the South the lowest, and the West and North somewhere in the middle. I will let others argue whether that reflects grade inflation or quality of schools. Who knows? Let each person rationalize it to suit himself. All I know is that it holds true statistically."

With the five-facet system of determining scholarship achievement, chapters with top grade point averages usually rank very high, but they are not always winners.

This year's Northern Division winner, Illinois Institute of Technology, ranked ninth in GPA, with a 2.8 compared with the top 3.4 of General Motors Institute. However, its excellence in program, pledge selectivity, chapter honors and unusual projects boosted it into first place. The University of Virginia was the only division winner that ranked first in grades.

Mr. Rockwell hastens to add that the program in no way subordinates the importance of good classroom work. "Obviously, that is extremely important and it is an important factor in our evaluation, but the thing we hope to achieve is a solid program that will benefit the entire chapter and those that follow. When you have this, I think the grades take care of themselves."

This year one-third of reporting chapters (located at colleges and universities that report group averages) ranked either number one or two on campus. Nineteen chapters had averages above 3.0.

What are Mr. Rockwell's hopes for the immediate future of the academic achievement program?

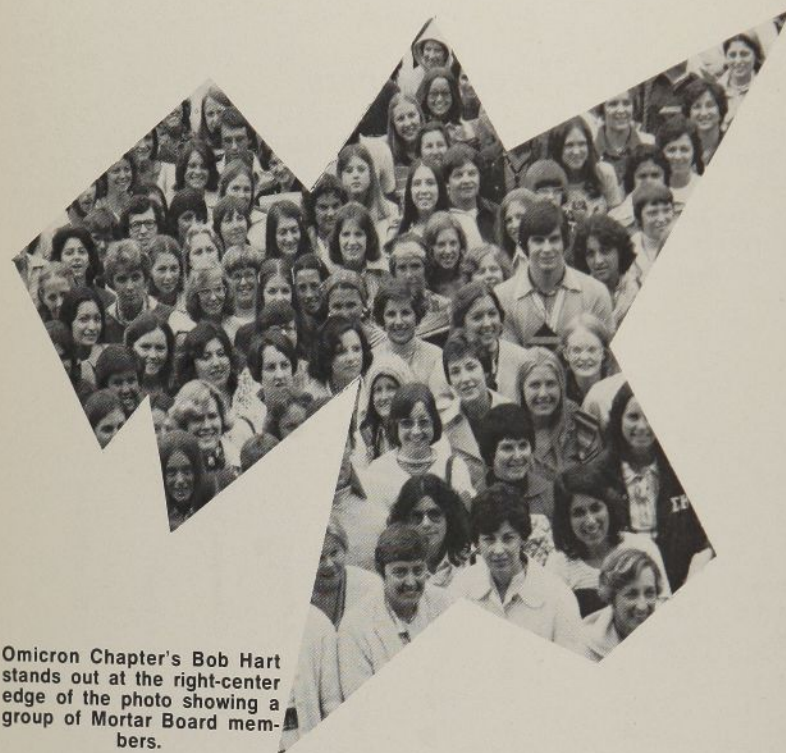
"Of course, I want every chapter to participate by using the Academic Program Guide, calling on assistance from the Scholarship Advisory Council whenever necessary, using successful ideas in the guide, creating new projects, and remembering that we are evaluating much more than just grades for the scholarship division awards."

Division Scholarship Award Winners

This chart shows final tabulations from the analysis of academic achievement reports for the Division Scholarship Awards. Ratings give 10 points for first place in each of the five rating categories, 9 points for second, 8 for third, 7 for fourth, 6 for fifth, 5 for sixth, and 4 for seventh or lower. No rating below 4 was given, except for a zero when no "unusual" program was reported. Top three chapters are included for each Division, with ties in the Southern and Western Divisions as indicated by the "overall rank." The symbol "n/a" indicates "no average" reported by the college or university.

	Div. Scholastic Rank	Campus Scholastic Rank	Chapter Scholastic Average	S Scholarship	P Program	S Selectivity	H Honors	C Unusual Programs	T Total	O Overall Rank
EASTERN										
MIT	3	n/a	3.20	8	8	10	9	9	44	1
W & J	2	2	3.30	9	8	10	10	4	41	2
Syracuse	9	n/a	2.80	4	8	9	8	9	38	3
NORTHERN										
IIT	9	3&4	2.77	4	10	9	10	8	41	1
Albion	3	1	3.15	8	7	9	10	6	40	2
Marietta	10	1	2.78	4	9	8	10	7	38	3
SOUTHERN										
Virginia	1	n/a	3.09	10	8	10	10	5	43	1
Emory	3	3	3.00	8	9	7	8	6	38	2
LSU	8	7	2.57	4	10	6	8	10	38	2
Tulane	4	6	2.74	7	8	7	7	5	34	3
WESTERN										
Iowa State	2	n/a	3.15	9	9	9	8	8	43	1
Nebraska	4	n/a	3.01	7	10	8	10	8	43	1
Oklahoma	6	2	2.85	5	9	7	9	8	38	2
Oklahoma State	9	9	2.62	4	9	8	10	6	37	3

the campus scene



Omicron Chapter's Bob Hart stands out at the right-center edge of the photo showing a group of Mortar Board members.

Equal Rights In Action

By JEFFREY P. WELSH
University of Iowa

Northern Division Undergraduate Editor

LEADERSHIP is a true quality of living Delt spirit and this Delt spirit is found no better than in the example of Omicron chapter's former president, Bob Hart. Besides his leadership as president his credentials read like a chapter report. Bob was treasurer for two years, congressman for the University of Iowa's Liberal Arts Student Administration (LASA), member of Omicron Delta Kappa, senior honor society, and now he finds time to steer the University of Iowa's chapter of Mortar Board (Pi Sigma Alpha) as its president.

Although many Delts reap honors like Bob, his position as president in Mortar Board offers an unusual twist.

Mortar Board was founded in 1915 as a national woman's senior honor society and it wasn't until 1976 that the ranks were opened to allow men. Bob was honored by being selected to the society last April and rose to president of the Iowa chapter in the same month.

Bob, being in the first group of males ever allowed into the society shocked some of the local Mortar Board alumnae; not because he was a member, but because his leadership ability qualified this male, above others, as the new Iowa chapter president.

As Bob recounts it, "I was at my first monthly alumnae meeting and at the time I was sporting a beard. When I was introduced to the ladies as the new president, some of those expecting a woman looked rather shocked when I turned around at the mention of my name. I really think they're used to it now."

Breaking into the ranks of the honor society is a way of demonstrating leadership potential. "In my personal opinion, I think Mortar Board is an outstanding organization and I urge all Delts who want to be leaders not to restrict themselves to the Fraternity, but take the initiative to pursue new campus

organizations or new openings in respected established ones such as Mortar Board."

In addition to attending the Karnea last August, Bob attended the 23rd National Triennial Conference of Mortar Board at Colorado State University last June and served on the Constitution and By-Laws Committee.

"It was important for me to serve on this committee," Bob relates, "primarily since now that men are in the organization, the goals and purpose of Mortar Board have to be changed and I represented this new male element. Unfortunately, we never nailed down the future direction of the society at the conference; it's something that will take time to develop.

"However, the conference got a lot done, I've never seen a conference that works so hard. I was really impressed by the quality of individuals."

He believes that his presidential position in Mortar Board has been enhanced by being an officer in Delta Tau Delta.

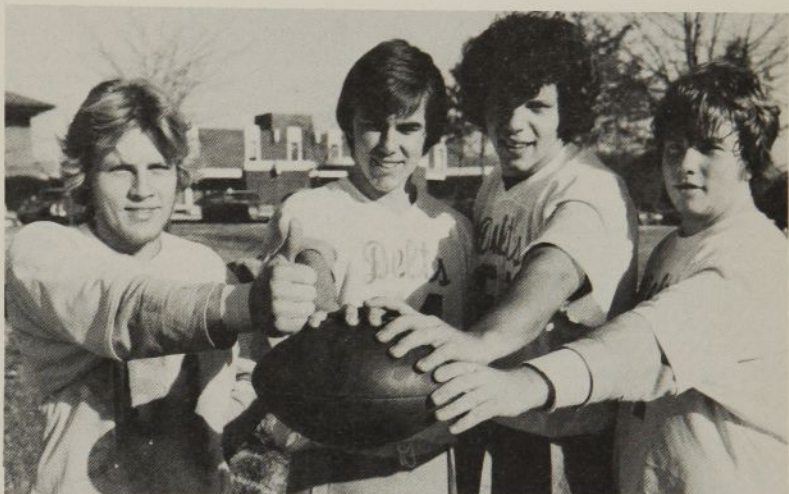
"Once you've been a Delt officer," Bob says, "being in an authority position in another group comes naturally, as essentially things are run on the same principles."

Almost symbolically, Bob is president of the Iowa chapter in its 50th anniversary, hailing in the next 50 years. Bob plans on holding a 50th anniversary celebration of the chapter in the Old State of Iowa Capitol building on the University of Iowa campus. In another gesture hailing the next 50 years, Mrs. Jayne Anderson, president of the National Council of Mortar Board, is expected to give a speech on the future of the society during the celebration.

As president, Bob plans on many other events for his chapter, but Bob admits, "I couldn't pull it off without that old Delt drive."



Three undergraduate members of the Rainbow Editorial Board are working with the editor in planning and preparing material for the magazine this year. From left, they are John N. Diamond, Gamma Nu Chapter, University of Maine; Jeffrey P. Welsh, Omicron Chapter, Iowa State University; and Barry R. McBee, Delta Alpha Chapter, Oklahoma University. The group met in late January at the Central Office in Indianapolis.



Five members of the Delt football team at the University of Tennessee were chosen for the all-university intramural squad. From left are Greg Hale, Alan Nine, Kevin Reed, and Steve Slinkard. Hal Harrington was not present for the photograph. The Delta Delta Chapter team was undefeated Fraternity Division champion and placed second in university-wide competition.



"Ramblin' Reck from Georgia Tech" is more than the theme song for the campus. It also describes the unusual contraptions built by fraternities for the annual Homecoming parade. This 'Reck, built by Gamma Psi Chapter, was a winner this year. (Photo by Dale Terry)

PREPARATION FOR CARDIOLOGY

By DANIEL C. BROWN
Michigan '63

This year marks the 30th anniversary of the Fischbach Residency Foundation Scholarship program of Delta Tau Delta. Initiated by a sum of \$15,000 contributed by the late Dr. Howard P. Fischbach, Kenyon '06, the program's funding has been increased by donations from friends and family of Dr. Fischbach and invested in income-producing securities. Scholarships are given in the form of outright grants to worthy Delts pursuing graduate study beyond internship in medicine, surgery, or related fields.

The most recent recipient of a Fischbach Residency Foundation Scholarship is Dr. Daniel C. Brown, Michigan '63, a fellowship physician at Harbor General Hospital, Torrance, Calif. Dr. Brown, who received his B.S. degree in mechanical engineering, received his M.D. degree from the University of California, Irvine. He is married and has one child.

Eligible Delts are invited to contact the Central Office for information and application forms. Recipients are selected by a special Fraternity committee and ratified by the Arch Chapter.

On the occasion of the 30th anniversary, Dr. Brown was asked to provide some insight into use of the award, his work at Harbor General Hospital, and his special interest, cardiology.

I STARTED my fellowship in cardiology on July 1, 1976, after finishing residency in internal medicine. During the two years of fellowship, I will acquire the knowledge and technical skills to practice cardiology.

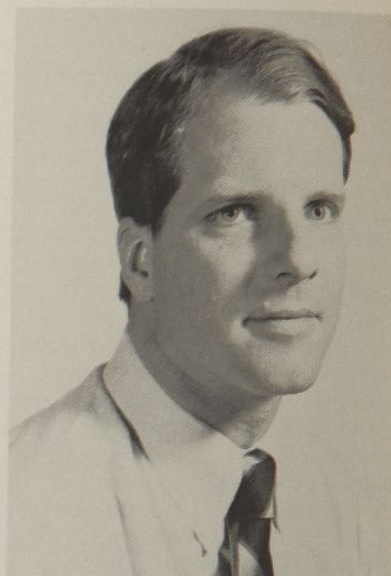
Despite training in internal medicine (including concertable exposure to cardiology), there is much more knowledge that must be mastered. Accordingly, I spend from about two hours a day reading cardiology. Part of the Fischbach Grant will buy several of the expensive specialized textbooks I will need. In addition to textbooks, there are three or four major cardiology journals which I must review each month. Some of the Fischbach Grant will provide subscriptions to these journals.

More so than almost any other field in medicine, cardiology is a technologically-oriented discipline. We have complex tools such as treadmills, ergometers, Holter monitors, echocardiography, vectorcardiography, and electrocardiography to evaluate cardiac function without invading the body.

In addition, we have cardiac catheterization and angiography to study cardiac function invasively. In some of these areas I already have the technical skills required. I have little or no skills, at the present, in echocardiography and cardiac catheterization. I will have to spend much time in these areas to become proficient.

During the first four months of my fellowship, I spent two months in the coronary care unit, supervising the care of patients with heart attacks. Later, I was two months learning echocardiography. To date I am pleased with my professional growth.

My fellowship further provides an opportunity for in-depth study and research in specific areas of cardiology. I have been interested for some time in the syndrome of sudden death (an unexpected death within two hours after the onset of symptoms) and cardiac arrest (attempts to revive a patient whose heart has stopped beating). Sudden death kills 360,000 people in this country each year; about one half of all cardiac deaths, twice as many as



Dr. Brown

cancer, six or seven times as many as traffic accidents.

We are training the public to recognize and providing paramedics to assist patients with "sudden death syndrome." In most cases, when the paramedics arrive the patient is in cardiac arrest.

The treatment of cardiac arrest is a new concept. Techniques of artificial respiration have been around for some time. Closed chest cardiac massage on the other hand is a relatively new procedure.

There are many drugs that have been used in the treatment of cardiac arrest. Unfortunately, a systematic study of exactly when and how these drugs should be used has not been made. It is my hope that during the next year, I will be able to complete some research in this area.

In addition to the activities mentioned, I have teaching responsibilities. I spend from four to eight hours each week lecturing to paramedic trainees at the Los Angeles County Paramedic Institute located at Harbor General Hospital. Also, on an informal basis, I instruct residents, interns and medical students taking a rotation on the cardiology service.

I am honored to be a recipient of the Fischbach Residency Grant.

TWO YEARS after he retired, Major General Joseph A. Cunningham moved from Florida to Alaska. If that seems unusual, it simply reflects the fact that General Cunningham is an unusual man. There simply isn't enough adventure in the Sun Belt to satisfy his taste.

But the Clarksburg, W. Va., native didn't head for what he describes as the "Great Land" on a lark. It was a return to the area he had grown to love during his last military assignment as commander, Alaskan Air Command, with headquarters at Elmendorf Air Force Base, Anchorage.

The drive for new experiences was evident early in life. After graduating from high school in 1933, young Joseph Cunningham worked for an advertising firm and even had a brief fling at Hollywood before collecting his meager resources and setting out to get a college education.

He helped finance schooling at West Virginia University by working as a bus boy for Delta Gamma Sorority, where he met a coed named Mary Henry of Morgantown, who was to become his wife soon after graduation.

In addition to being a member of Gamma Delta Chapter of Delta Tau Delta, he was lieutenant colonel of R.O.T.C., a member of Scabbard and Blade, Mountain, and Phi Beta Kappa, and chairman of the Senior Ball.

The year after receiving his Bachelor of Science degree, he was married, graduated from Army Air Corps flying schools at Randolph and Kelly Fields, Texas, and assigned to a bombardment squadron at March Field, Calif.

Subsequent assignments as a pilot and operations officer led to the European Theater of Operations, shortly after the beginning of World War II, where he flew combat in B-26 aircraft and became a group commander.

Late in 1943 he was assigned to the XII Fighter Command in North Africa as deputy chief of staff, A-3 (Operations). He returned to the United States in late 1944 to become deputy base commander at Greenville, S.C.

After other assignments in which he commanded various units, he was graduated in 1947 from the Command and General Staff College at Ft. Leavenworth, Kans. Later in his career he was graduated from Armed Forces Staff College, Norfolk, Va., and National War College, Ft. McNair, Washington, D.C.

He served at several air bases, in Washington, in Germany, and with the Air Rescue Service (now Aerospace



Major General Joseph A. Cunningham and his late wife, Mary, in the Great Land.

Return to Alaska

Rescue and Recovery), commanding that group four years. When he assumed command in 1959, he received his first star. The second star was awarded in 1963, when he became deputy chief of staff for operations at what now is Military Airlift Command, Scott Air Force Base, Ill.

His career took him to California and back to Washington on high level assignments before he assumed command of the Alaskan Air Command in July of 1969.

During the three years of his last command, General Cunningham became strongly attached to Alaska and its progress. His wife shared that view. After retirement on August 1, 1972, they moved, with their youngest of three daughters, to Indialantic, Fla., where they built a home.

"We soon realized that our place was in this Great Land with the many fine friends we had made during our duty here," General Cunningham says in describing their 1974 return to Anchorage.

Mrs. Cunningham died from a cardiac arrest, however, suffered a year later during a trip to dispose of the Florida home.

Today, General Cunningham remains active as a self-employed consultant in management and recreation. ▲

Northern

THE Northern Division's proudest boast and challenge to every other Division of Delta Tau Delta is that everyone of its 31 chapters was represented by delegates to this year's Division Conference. This year's meeting took place at Stouffer's Inn in Indianapolis, April 14-15-16, and was hosted by Butler University's Beta Zeta Chapter. Over 140 undergraduate Delts along with many more alumni and brothers of the host Butler chapter took part in the meetings and seminars and joined in the richer and fuller meaning of brotherhood.

The sessions included a treasurer's workshop and seminars on rush for large and small chapters, pledge education, public relations, and other topics. Past International President Ed Heminger, *Ohio Wesleyan '48*, delivered the Leadership Luncheon speech to an ever increasing group of Delts. By the end of the afternoon session, the Marquette delegation arrived with news of their newly acquired Shelter to make 100 percent attendance by the Division.

The Conference Banquet that evening was highlighted by an address by President Fred Kershner, *Butler '37*, and featured the presentation of awards. This year Gamma Beta Chapter at Illinois Institute of Technology in Chicago carried off both the Division Scholarship Award and the Division's lone Hugh Shields Flag for Chapter Excellence. Four other Division chapters received recognition as being among the Fraternity's top twenty, Epsilon at Albion College; Beta Phi at Ohio State; Gamma Upsilon at Miami University; and Epsilon Upsilon at Marietta College.

At the Conference business session, it was decided that the next Conference should be held in Cincinnati, and the Evaluation Committee returned a most favorable report. After a lively and open electoral debate, John Wood, *South Dakota '68*, was re-elected Division president. The Conference was closed by a fine performance of the *Ritual* by the Butler Delts.

Eastern

The Eastern Division met at the beautiful Four Seasons Sheraton Hotel in Toronto, Canada, for the 73rd Division Conference. Host chapter Delta Theta at the University of Toronto extended hospitality to undergraduates and alumni who represented 20 chapters and three alumni groups. The Toronto Alumni Chapter hosted a get-together cocktail party the evening of February 25 to set the scene for the three-day Conference.

Highlights of the Conference were mini-seminars on rush, pledge education, finances and general problems; meetings with Arch Chapter members; the Central Office report; and the Conference Banquet. The Banquet speaker was Dr. Fred Kershner, president of the Fraternity. Hugh Shields Top Ten Chapter Flags were given to M.I.T. and W&J for having outstanding Delt years.

On Sunday morning the Conference closed with the election of M. R. Llewellyn, *West Virginia '34* to succeed outgoing President Wayne Sinclair who has served as Division President for almost five years.

The Conference gave those in attendance the opportunity to learn more about being Delts and the responsibilities that go with building a top chapter. The delegates also were able to flavor an exciting city and take back to their chapters a renewed sense of International Brotherhood.

Conferences

Southern

OVER 150 alumni and undergraduates gathered at the Hilton Inn in Lexington, Kentucky, March 25, for this year's edition of the Southern Division Conference. The Conference was organized by Division President Angel Levas, *Kentucky '54*, and hosted by the University of Kentucky's Delta Epsilon Chapter, who made sure all delegates were well cared for during their stay in the Bluegrass State.

The Conference was kicked off Friday night by a model Initiation and *Rite of Iris*, performed by the host chapter, followed by an "attitude adjustment" hour. The next morning started the meat of the Conference: workshops and leadership sessions. A special Treasurer's Workshop was lead by Chapter Consultants John Dangler, Bill Hirsch, and Tom Ray to aid newly elected treasurers. Other workshops also drew much interest and new ideas. Saturday's Leadership Luncheon was addressed by Former Fraternity President Ed Heminger, *Ohio Wesleyan '48*, whose challenging remarks helped set the tone for a weekend geared toward achievement of chapter excellence. More seminars followed on Saturday afternoon, with the North Carolina delegation conspicuously absent watching their Tar Heels in the NCAA basketball semi-finals.

The Conference Banquet that evening featured Dr. Fred Kershner, President of Delta Tau Delta, who spoke on the growth and development of fraternities, particularly the phases of growth Delta Tau Delta has experienced and can anticipate in the near future. This was followed by the presentation of the Hugh Shields Chapter Excellence flags by Division President Angel Levas. The 1976 awards went to Kentucky, Auburn, and Louisiana State.

After a late night at the Kentucky Shelter, with not one, but four campus sororities, the Conference reconvened to attend to its business and elect a new president. A number of items were adjusted in regard to the Division's affairs, and Dr. Bert Hayes, *Athens '52* was elected the new Southern Division President. After hasty farewells, the Conference adjourned at noon to allow assembled Delts plenty of time to work their way back down I-75 toward their home chapters, ready to take up Dr. Kershner's challenge of "... proving we're the best Fraternity in the land."

Western

Over 260 undergraduates and alumni participated in one or more events at the 67th Western Division Conference in Oklahoma City February 17-19. Elected as the new Division President was David L. Nagel, *Iowa State '63*, who takes over from Father Grover C. "Tex" McElyea, stepping down after four outstanding years of service as head of the Division.

The Conference, held at the Skirvin Plaza Hotel in downtown Oklahoma City, was very ably co-hosted by Delta Alpha at Oklahoma, Delta Chi at Oklahoma State, and the Oklahoma City Alumni Chapter. On hand was a large group of Arch Chapter members including President Fred Kershner, Second Vice-President Bill Hulse, Secretary Ken Folgers, and Director of Academic Affairs Jim Rockwell. Al Sheriff, Gale Wilkerson, Bill Hirsch, and Tim Korte represented the Central Office and field staff.

Bethany College President Emeritus Dr. Perry Gresham, *Bethany '31*, was keynote speaker at the Conference Banquet, which featured the presentation of special awards to Father McElyea and Oklahoma City businessman John Nichols, a past President of the Fraternity. Outgoing President McElyea awarded Top Ten flags to Gamma Pi (Iowa State), Delta Alpha (Oklahoma), Delta Mu (Idaho), and Delta Omicron (Westminster). Jim Rockwell presented the Western Division Scholarship Award to Gamma Pi (Iowa State). Vice-President Hulse presented the Distinguished Service Chapter citation to Si Ragsdale, *Texas '48*.

Among major activities that highlighted the Conference were group seminars on rush, pledge education, and chapter management; a treasurer's workshop conducted by Central Office personnel; a special presentation by Ken Folgers on good chapter operation; and a party at the University of Oklahoma Delt house.

alumni



Abbey

Lt. Col. Charles Abbey, Penn State '59, has been named acting head of the Department of Military Science at Northern Michigan University. The appointment was approved Feb. 3. Col. Abbey was promoted by the Army from major last August. An Army pilot, he has served as commandant of ROTC cadets at Northern Michigan, in addition to being a member of the faculty. He was awarded a Master's Degree in business administration by the University in 1975.

Dr. F. Rodney Drake, Colorado '62, practices adult and child psychiatry in Denver. He was graduated from the University of Colorado School of Medicine in 1966 and served with the Army in Japan as chief of psychiatry. He resigned from the Army in 1975, as a lieutenant colonel in the Medical Corps.

Richard Douglas Brew, UCLA '68, recently earned his Master of Business Administration degree from Pepperdine University in Los Angeles. For the immediate future he will continue law practice in Los Angeles. Mr. Brew is chairman of the board of Les Etoiles Group, a multifaceted California corporation.

Ruell B. Parchman, Butler '50, Kirkwood, Mo., has joined Del Mar Woven Woods. He recently completed 31 years with the Navy Reserve, retiring as a lieutenant commander, after having started as an apprentice seaman.

G. Sid Smith, Kansas '67, recently was promoted to lieutenant commander in the Navy. He currently heads the Naval Legal Service Office at the Naval Base in Long Beach, Calif.

Jeffrey Winik, Syracuse '74, has joined Ringling Brothers and Barnum & Bailey Circus as a regional marketing director. He is responsible for all marketing, advertising, and promotional activities of the circus in several cities throughout the U.S. He lives at Metuchen, N.J.

Ray C. Hall, Oklahoma '62, is president of the largest advertising agency in Central Texas. Ray Hall Advertising has received more local, regional, and national Addy awards for advertising excellence from the American Advertising Federation than any other ad agency in Texas during the past three years. The agency is headquartered in Austin.

David S. Fisher, Purdue '57, recently was assigned to the Chicago office of Westinghouse Electric Corp., as senior sales engineer for the Computer and Instrumentation Division.

Tracy L. Jackson, Ohio '65, a former Canton radio station executive, has purchased the Shreveport, La., franchise of Manpower, Inc., worldwide temporary help firm. In addition to serving as vice-president of Keyes Corporation and station manager of radio station WNYN in Canton, Mr. Jackson has been the play-by-play football and basketball radio networks for the past six years. Manpower, Inc., the largest temporary help company in the world, with more than 600 offices in 32 countries, recently became a subsidiary of the Parker Pen Co.

Michael J. Griffith, West Florida '71, who received his law degree from the University of Mississippi in 1974, is with Levin, Warfield, Middlebrooks, Graf, Mabie, Rosenbloom & Magie, Pensacola, Fla. He was with the State Attorney's Office, Fort Myers, Fla., in 1975-76.

New Meeting Place

The San Diego Alumni Chapter has changed the location of its luncheon meetings, held on the fourth Tuesday of each month.

The new meeting place is Botsfords Old Place Restaurant, 1225 Prospect Street (Prospect & Ivanhoe), in LaJolla.

Further information can be received from the chapter secretary-treasurer, Paul A. Skinner, 6546 Muirlands Drive, LaJolla, Calif. 92037.



George

Robert L. George, Penn State '47, has been elected vice-president, Hotel/Restaurant Division, of Oneida Ltd. Silversmiths, Oneida, N.Y. Mr. George joined Oneida in 1956 as a sales representative in the Hotel/Restaurant Division. In 1961 he was promoted to sales manager of the division, and in 1968 he was elected to the company's board of directors as director of the Hotel/Restaurant Division, a position he held until his present appointment. He also is a visiting lecturer at the Cornell School of Hotel Administration and a member of the Culinary Arts Council of Johnson & Wales College.

Anthony B. Windsor, Florida Tech '75, has moved to Jacksonville, Fla., where he is executive news producer with WLTV-TV. The change comes after two years in Columbus, Ga., as news anchorman-producer of WTVM-TV. Mr. Windsor's new position puts him in charge of all WLTV-TV news programs. The station is an NBC-TV affiliate on Channel 12.

Cdr. Michael A. Covell, Tufts '61, is commanding officer of the USS Sand Lance (SSN-660), a nuclear attack submarine homeported in Charleston, S.C. He served previously aboard the USS Ulysses S. Grant, where a shipmate was **Bruce Feerer**, Cincinnati '74.

Gerald R. Gorman, Wisconsin '24, retired February 17 as chairman of Ashland State Bank, a Chicago bank he organized in 1954. Last summer the Illinois State Bar Association conferred upon him the title of senior counsellor, in recognition of 50 years' honorary service at the bar. He continues to reside in Chicago with his wife, Elizabeth, and one of his daughters, Jane, raising and showing Bedlington terriers.

Byron N. Vermillion, Missouri-Rolla '69, has left the Air Force after six years as an electronic officer on a B-52. He recently received a Master of Business Administration degree from Louisiana Tech and has accepted a position as a senior operational analyst in the Life Cycle Cost Section of General Dynamics, Ft. Worth, Tex.

Dave Wilson, Kansas '59, owns and manages Wilson Travel Service in Kansas City. The company specializes in individual vacation and group travel to popular resort destinations throughout the world.

A. Edwin Feist, Colorado '50, has been named manager of Van Schaack & Co.'s South Suburban Office in Littleton, Colo. A 13-year veteran of Van Schaack, Mr. Feist consistently has been among its sales leaders. He is a past director of the National Association of Realtors.

Roger D. Wilson, Wabash '76, has joined Travelers Insurance Co. as a field representative in his hometown of Peoria, Ill.

Michael W. Van Liew, Idaho '74, having completed his M.S. degree in agricultural Engineering at Colorado State University last fall, has accepted a position as a hydrologist with the U.S. Geological Survey, WRD, in Bismarck, N.D.

Travis O. Rockey, Florida '73, has been named classified advertising manager of *The Evening Herald*, Rock Hill, S.C. He previously was with Knight-Ridder Newspapers in the Suburban Division, Ft. Lauderdale, Fla. Mr. Rockey is doing graduate work in management from Nova University.

William E. Parisi, Iowa '66, recently was appointed executive vice-president of Methodist Hospitals of Dallas, Tex.

Duane E. Hauser, Iowa State '55, has purchased his own practice, the Corona Animal Hospital, Corona, Calif., after 16 years in a partnership practice at Whittier. His wife, Joan, and daughters complete the hospital staff.



Cutshall

Mr. Cutshall previously was employed by Colonial Insurance Agency, a division of Colonial Mortgage Co. of Indiana. A life-long resident of Fort Wayne, Mr. Cutshall served as an officer in the Navy during the Viet Nam conflict. He is a member of the Hillsdale College Executive Board and an officer of the Hillsdale College Varsity Alumni Association, where he received the Distinguished Service Award.

Dean F. Cutshall, Jr., Hillsdale '65, has been named manager of IN-BANC Insurance Services, a division of Indiana Bank and Trust Co., Fort Wayne, Ind. He also serves as an officer of the Bank.

John "Jack" L. Skalla, Nebraska '57, served as vice chairman for the seventh annual Vince Lombardi Award dinner held January 27. This award is given each year by the Downtown Rotary Club of Houston, Tex., and the American Cancer Society to the most outstanding college lineman in America. Mr. Skalla was in charge of the program and his main speaker was Bob Hope. Master of ceremonies was Ray Scott and special guests were President Gerald Ford and his wife, Betty, and Mrs. Marie Lombardi. It was a \$100 a plate dinner; 1,300 guests overflowed the Hyatt Regency Grand Ballroom with standing room only. A check for \$115,000 was presented to the American Cancer Society for medical research on cancer. This year's award went to Wilson Whitley, co-captain of the University of Houston's Cotton Bowl champion.

Martin D. Rowe, Jr., Texas '48, an expert in reservoir engineering operations, has received a third two-year contract, at the request of Oil Service Co. of Iran, to assist in that nation's oil production. Mr. Rowe is on loan from Continental Oil.

Robert E. Olman, South Dakota '70, a C.P.A., is with Arthur Andersen and Co. in Tulsa, Okla. He received his Master's Degree at the University of Nebraska, after spending four years in the Army.

Arthur H. Schott, Cincinnati '65, operates his own pottery studio in Port Chalmers, New Zealand.



John Wesley Downing, Maryland '55, Episcopal clergyman, a non-parochial worker-priest for eight years as a licensed marriage, family, and child counselor, has incorporated his private practice, and, with his wife, Nancy Lee, has established Cambridge House, a non-residential family counseling center in Santa Barbara, Calif. Their major emphasis is communication therapy, a process to change and improve verbal communication between family members and other significant persons in one's life. Mr. Downing also does supply work for neighboring parishes, and recently celebrated his 18th anniversary of ordination at St. Andrew's Church, Ojai.



Hulett

His headquarters is in Indianapolis. Mr. Hulett has served as executive vice-president of the van line and president of the Warehouse Division since 1970. He joined Mayflower as claims adjuster in 1941, moved up through the ranks of the Operations Department, and was named vice-president, operations, in 1957. He is a former chairman of the American Movers Conference, national trade association of the moving industry.

Charles W. Hulett, Butler '40, has been named head of Aero Mayflower Transit Co., long-distance moving organization which represents the largest operating division of Mayflower Corporation.

(Continued on Page 32)

Honored for Service

A. Carl Schmidt, G.M.I. '41, has been elected vice-president of the Friedrich-Climate Master Division of Wylain Co., Inc., Dallas, Tex. He is general manager of the manufacturing facility at Ft. Lauderdale, Fla. The Climate-Master Division manufactures energy conservation heat pumps which acquired international notice when selected to heat and cool the Olympic Village for the 1976 Montreal Olympic Games. Mr. Schmidt holds several patents for energy conservation devices, the most interesting of which allows heat extracted from a building during air-conditioning to be used to heat domestic hot water, rather than be rejected into the atmosphere as waste heat. The device is being used by homes, condominiums, hotels, motels, and office buildings. In addition to his degree from G.M.I., Mr. Schmidt has a B.S. degree from Hillsdale College.



Dr. Stright

A new building on the campus of Indiana University of Pennsylvania is named for Dr. I. Leonard Stright, *Allegheny '35*, who served the University as a teacher and administrator for 24 years.

Stright Hall, a four-story structure at the corner of 10th and School Streets, houses the Graduate School, the University Computer Center, and the Mathematics Department.

Dr. Stright, now academic vice-president of Ohio Northern University, first became associated with IUP as a professor of mathematics in 1947. In subsequent years he served as director of university services, dean of the Graduate School, chairman of the Central Western Education Conference, and founder of the adult education program at IUP. He also assisted the president in developing plans for expansion during the 1950s.

In 1954 he chaired a group charged with planning for graduate work at Indiana to meet the standards of the Middle States Commission. The Graduate School actually came into being in 1957, with Dr. Stright named dean.

By the time of the School's accreditation in 1971, Indiana offered over 30 programs leading to master's degrees and doctoral studies in English and elementary education.

Before going to Indiana of Pennsylvania, Dr. Stright taught at Northern Michigan University and Baldwin-Wallace College. He earned his PhD from Case Western Reserve University and did post-doctoral work at Cornell University and the University of Chicago.

Charles R. Burgess, Michigan '34, since retiring from Chris Craft Corp. in 1971, as vice-president of marketing, has been active in the real estate business in Boca Raton, Fla. Recently, he joined Glenn A. Murray



Burgess

& Associates, Inc., as a realtor-associate. Before moving to Florida 18 years ago, Mr. Burgess lived in Michigan, where he was chairman of the Delta Chapter Foundation and a vice-president of the Northern Division. He is one of several Delts in the Boca area who get together, unofficially, for golf and bridge.

Dr. Harry S. Dennis, III, Ohio '65, is president of The Executive Committee, Milwaukee, Wis. He is responsible for managing a continuing education program for more than 80 Wisconsin chief executives of small and middle-sized manufacturing companies. Dr. Dennis also is a visiting professor at the University of Wisconsin-Milwaukee. Prior to his present position, he completed a six-year tour in the Air Force as an instructor pilot in four-engine jet and turboprop aircraft.



Dennis



King

Capt. Lon Howard King, Indiana '70, recently was assigned director of advertising and publicity for the U.S. Air Force Recruiting Service in southern New England, based in Milford, Conn. He previously was a C-130 transport pilot at Little Rock, Ark., AFB, where he was elected president of the Junior Officers Council.

Jonathan C. Sherman, Allegheny '76, has been commissioned an ensign in the Navy, in conjunction with studies in hospital administration at Tulane University's School of Public Health and Tropical Medicine.

J. Raymond Wright, Alabama '67, is controller of Liles Construction Co., Inc., Montgomery, Ala.



Schmidt



Jiloty

Michael J. Jiloty, Missouri '74, has been named to the marketing staff of Heritage Federal Savings and Loan Association of Daytona Beach, Fla. Mr. Jiloty, former marketing officer of First Federal Savings and Loan Association of Rochester, is responsible for advertising and public relations for Heritage Federal Savings. He began his new duties March 28.

John C. Langston, Oklahoma '76, assistant director of Oklahoma University school relations, heads a new university relations branch office at the Tulsa Medical College. The office was established to add a new dimension of service to the greater Tulsa area so that high school and junior college students can obtain undergraduate information about OU. Mr. Langston divides his time between morning "drop-in" visits with area high schools, counselors and principals, and afternoon personal appointments with parents and students. He is a former president of Delta Alpha Chapter.

Dr. James Wells, Oklahoma '68, Salisaw, Oklahoma, was chairman of the National Children's Dental Health Week Committee of the Eastern District Dental Society in February.

Robert E. Wall, Georgia '69, has been appointed project manager with EARCH Group, Inc. The Sacramento, Calif. based corporation is a private, non-profit nationwide research organization. Funded by the Law Enforcement Assistance Administration, GI assists state and federal governments in applying modern technological developments to the criminal justice system. Mr. Wall, a former president of Beta Delta Chapter and the Beta Delta House Corporation, has served as a management analyst with the Georgia Bureau of Investigation and a legislative assistant to Georgia Congressman Jack Flynt.

Donald W. Feidt, Minnesota '59, recently was named North American marketing manager for Brooks International Corp., a worldwide management consultant firm. He joined Brooks in 1975 as an account executive after having held management positions with the Budd Co., Union Tank Car Co., and A-W Brands. Mr. Feidt and his family live in Westfield, N.J.



McGill

William A. McGill, Carnegie-Mellon '46, has been elected vice-president of Alon Processing, Inc., a Pittsburgh-based company offering a means of protecting metal components against high temperature degradation through an aluminum vapor diffusion process. Mr. McGill, who earned his B.S. degree in mechanical engineering from Yale University and his M.B.A. from Duquesne University, continues duties as sales manager while assuming additional vice-presidential responsibilities. He and his family live in the Pittsburgh suburb of Mt. Lebanon.

Ralph W. Nimmons, Jr., Texas and Florida '60, recently was appointed by Governor Reubin Askew of Florida as circuit judge of the Fourth Judicial Circuit. He was among six attorneys nominated by the Circuit Nominating Commission for appointment to fill the vacancy created by the death of the circuit's senior judge. At the time of his appointment on January 10, Mr. Nimmons was a partner in the Jacksonville law firm of Ulmer, Murchison, Ashby & Ball. In past years he has served as first assistant state attorney of the Fourth Judicial Circuit and as chief assistant general counsel for the City of Jacksonville. A former president of Delta Zeta Chapter, he received both his B.A. degree and his law degree from the University of Florida.

Scholarship Winners Announced

The Beta Gamma (Wisconsin) Scholarship Committee is pleased to announce that ten scholarships totalling \$6,500 were granted from the Beta Gamma Scholarship Fund to the following recipients:

Susan Fairweather, daughter of Robert E. Fairweather, *Wisconsin*, '50.
Kathy and Lori Halverson, daughters of David L. Halverson, *Wisconsin*, '49.
Kathleen M. Hansen, daughter of Richard H. Hansen, *Wisconsin*, '53.
Scott D. Krause, grandson of James T. Morse, *Wisconsin*, '21.
Leslie A. Miller, daughter of James P. Miller, *Wisconsin*, '54.
William P. Nagler, son of Louis G. Nagler, *Wisconsin*, '32.
Joan M. Porter, daughter of Jack W. Porter, *Wisconsin*, '59.
Janet Sebald, daughter of Charles W. Sebald, *Wisconsin*, '44.
Thomas R. Vetter, son of Wayne M. Vetter, *Wisconsin*, '56.

Scholarship, financial need, and the moral character and good standing of applicants in their high schools and/or colleges were the primary factors considered in reviewing applications and awarding scholarship grants.

The committee was enthusiastic over the number and quality of the applicants, and hopes that it can assist these young persons in pursuit of educational careers and help improve society by encouraging higher level education.

The committee is now receiving applications for grants for the 1977-78 school year.

Donald E. Bruce, Wisconsin '27, founder of Don Bruce & Associates, Springfield, Mo., has announced his retirement from the sporting goods field. The company is being returned to St. Paul, Minn., where Mr. Bruce started it 30 years ago. He and his wife, Kathryn, will keep their home in Springfield and do some traveling.

Michale H. Savod, Purdue '62, has been promoted to assistant district sales manager, Los Angeles District sales office, Lincoln-Mercury Division of Ford Motor Co.

Steve Docter, Stanford '56, has forsaken a career as a corporate attorney to become admissions director at the Orme School in Mayer, Ariz. Mr. Docter, who had been senior trade regulations counsel at Whirlpool Corp., in Michigan, changed professions because, "I began thinking that my kids would never know the West I had known, and besides, I had always had a deep interest in education; so when the opportunity opened up, I jumped at it." In addition to responsibilities on the admissions front at Orme School, he is assistant director of development and football coach.

Michael V. Dovell, GMI '76, is in reliability engineering at the General Motors assembly plant in Framingham, Mass., dealing with the complete operation of the automotive electrical system.

Dr. Norman A. Dolch, Bethany '69, received his Ph.D. in sociology from the University of Missouri in December, 1976, and is assistant professor of sociology at Louisiana State University in Shreveport.

John D. Swallow, Texas Tech '74, has assumed responsibilities in Midland, Tex., as a landman for C & K Petroleum, Inc., after working in the same capacity for Skelly Oil Co. for three years. He is president of the Midland Chapter of the Texas Tech Ex-Students Association.

James H. Smith, Alabama '33, who headed the Blue Cross-Blue Shield plan in northwestern Ohio for 30 years, retired at the beginning of this year. He and his wife, Pat, are moving from Toledo to Key Largo, Fla. Mr. Smith was instrumental in getting the national plans to adopt the so-called interplan bank, which enables members to get treatment from any member hospital or physician in the nation, using a local plan card. He also has been a leader in efforts toward cost containment, working with doctors and hospitals to try to keep costs down.

Peter B. Van Veen, Michigan State '68, has been promoted to director of marketing for Shedd's Food Products, a division of Beatrice Foods Co. His major responsibilities are developing and coordinating programs concerning advertising, promotions, packaging, new products, research, and analysis.

Delt SPORTLIGHT

By JAY LANGHAMMER

Texas Christian '65



SUPERSTARS

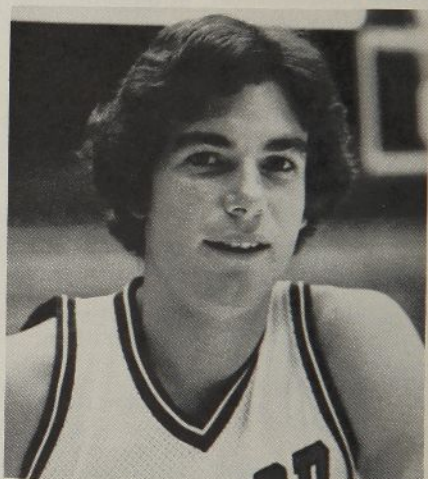
Dallas Tornado star KYLE ROTE, JR., *University of the South '72*, gained his third Superstars crown in four years and announced his retirement from the competition to devote more time to soccer. He picked up \$51,150 in this year's event at Rotonda, Florida, to bring his total Superstars earnings to \$187,825. Kyle was the Superstars champion in 1974 and 1976 and placed third in 1975.

Another big money winner was Minnesota Vikings linebacker JEFF SIEMON, *Stanford '72*, who participated in ABC-TV's Superteams competition. The Vikings were runners up to the Cincinnati Reds and Jeff picked up \$16,900 as his share of the team's prize money.

BASKETBALL

This winter's leading scorer was Stanford captain MIKE BRATZ (6'2", 186) whose 528 points was the fifth-highest single season total in school history. He also set a new school record for career assists with 281 and finished fourth in career free throw percentage (78.0%). For the season, he led the Cardinals in scoring, free throw shooting, assists, steals, and minutes played, averaging nearly 35 per game. Mike was named to the All-Pac 8 first team and won the Hank Luisetti Award as MVP. Among his best games: 30 points (the team high) against Santa Clara; 29 against Arizona, 28 against Colorado State; 27 points and 8 rebounds versus Washington; and 26 points and 6 rebounds against Oregon. Mike also had 12 other games of 20 points or more and finished his career with 983 points in 80 games.

Junior center RICK ROBEY (6'10", 235) had a banner year for one of the nation's top teams, the University of Kentucky Wildcats, co-champs of the Southeastern Conference and possessors of a 26-4 record. Rick was named to the All-SEC first team, the U.S. Basketball Writers District 3 team, the UK Invitational all-tournament team, and gained All-American honorable mention. He was also featured on the cover of *The Sporting News* during the season and gained headlines due to a near-fatal auto



Clockwise from top left: Kyle Rote, Dallas Tornado; Rick Robey, Kentucky Wildcat; Mike Bratz, Stanford Cardinal.

accident in January. Rick was a passenger in a teammate's car that flipped over on an ice-covered street and tumbled down a 30-foot embankment. Fortunately, none of the three Kentucky players in the car received serious injuries. Among Rick's top games were 24 points and 16 rebounds versus Mississippi State; 21 points including the game-winning layup with 6 seconds left to beat Vanderbilt; 21 points and 14 rebounds against TCU; and 20 points and 9 rebounds against Princeton in the NCAA opening round.

Helping Robey and the Wildcat cause was student assistant coach JIM ANDREWS, *Kentucky '73*, one of

the school's all-time greats. The holder of five school records, he had been playing pro basketball in Europe the past three years, the first two with Milan of the Italian Federation League and the last with Stockholm of the Swedish Federation League. Jim returned to the States last summer to complete degree requirements at the University.

Westminster College co-captain GARY HOEMANN (6'5", 175) finished a great career as his school's all-time scoring leader with 1793 points, third-highest in Fraternity history. He also holds school marks for career field goals, career shooting percentage (52.5%), games played (107), and is tied for second in career rebounds (748). This past season, he led the team in almost every category as the Blue Jays posted a 17-10 record, the best in two decades. Gary was named to the NAIA District 20 all-star team and had a high game of 36 points versus McKendree College.

Senior forward CHRIS LARSON (6'4", 195) was outstanding in the clutch for the NCAA Division III fourth-ranked team, Washington and Lee University, holders of a 23-5 mark, the best record in 71 years of basketball at W&L. He ranked fourth in scoring and second in assists with 106. He set a new school record for best season free throw percentage (82.6%). His 15-footer with 5 seconds left beat Hampden-Sydney 76-75 and an 18-foot jumper beat Randolph-Macon 75-73. He came off the bench to score 18 points and grab 10 rebounds against York and hit 12 second-half points against Lynchburg. Among Chris' other top performances were 25 points in a win over Lynchburg at the ODAC tourney; 22 points against Eastern Mennonite; 18 versus Glassboro State in the NCAA South Atlantic playoff; and 16 points and 10 assists against Queens College.

Junior forward JEFF HALLGREN (6'7", 205) had another fine year for DePauw and was named to the All-ICC second team. He was second in scoring and field goal percentage and third in rebounding and minutes played. He was the third-best ICC scorer with a 19.6 average in league games and was DePauw's top scorer in 13 games. His two best games both came against Evansville with 31 points in one contest and 26 points and 12 rebounds in the other. He hit for 25 points against Indiana Central and 24 versus Hanover and Kenyon. Freshman center KURT KITZINGER (6'6", 200) was a valuable reserve performer, getting 12 points and 10 rebounds versus Bellarmine and 9 points and 9 rebounds against Wooster.

Co-captain BOB HILDEBRAND (6'1", 175) and junior forward BOB SVETE (6'8", 205) led a group of Delt performers on the Northwestern University squad. Hildebrand, a four-year letterman, was the team's top free throw shooter (including 15 straight) and was second in assists with 59. His best game of

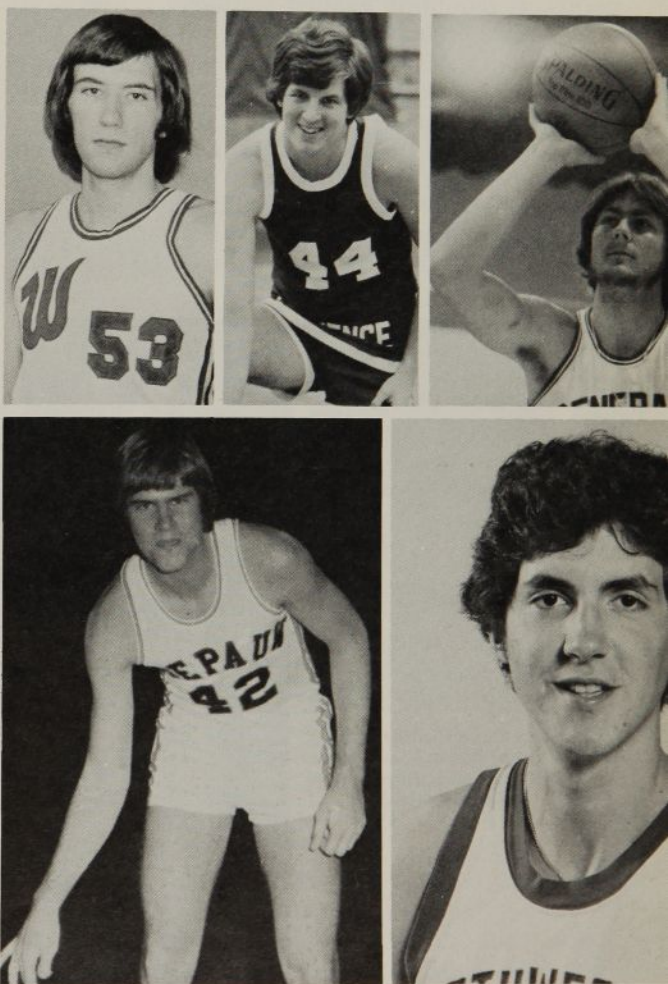
the year came in a win over Ohio State when he hit 12 points and had 6 steals.

Svete was Northwestern's top rebounder, was third in minutes played, and fourth in scoring. In one of the year's biggest upsets, he had 8 of 9 from the field, 17 points, and 9 rebounds against Michigan. Among Bob's other top games were 19 points and 14 rebounds in a win over Wisconsin; 13 points and 15 rebounds (the team high) against Brown; and 12 points and 11 rebounds versus Ohio State.

Junior center CHRIS WALL (6'10", 225) did a good job in relief for the Wildcats, hitting 50% of his shots from the field. He was the team's top rebounder against Wisconsin with 10 caroms. Forward DAVE HISER (6'6", 190) won his fourth letter and had a high game of 10.

Lawrence College junior forward PETE HACHMEISTER helped his school to its most wins since 1954 and was voted the team MVP. He was the

(Continued on Page 36)



Clockwise from top left: Gary Hoemann, Westminster; Pete Hachmeister, Lawrence; Chris Larson, W&L; Bob Svete, Northwestern; Jeff Hallgren, DePauw.

LEADING DELT SCORERS

	Games	Field Goals	FG Pct.	Free Throws	FT Pct.	Rebounds	Avg.	Total Points	Avg.
MIKE BRATZ, Stanford G	27	423-205	48.5	145-118	81.4	95	3.5	528	19.6
GARY HOEMANN, Westminster F	27	384-209	54.4	81-62	79.5	232	8.6	480	17.8
JEFF HALLGREN, DePauw F	24	397-190	47.8	58-41	70.6	161	6.7	421	17.5
RICK ROBEY, Kentucky C	30	276-158	57.3	161-111	68.9	273	9.1	427	14.2
PETE HACHMEISTER, Lawrence F	20	185-105	56.6	56-46	82.1	146	7.0	256	12.8
TOM PALILONIS, Stevens F	19	244-92	37.7	47-32	68.0	97	5.1	216	11.4
CHRIS LARSON, W&L F	28	231-106	45.9	115-95	82.6	93	3.3	307	11.0
DOUG BONTHRON, Illinois Tech C	24	186-102	54.8	58-39	67.2	166	6.9	243	10.1
KEVIN KLEIN, Illinois Tech F	24	250-90	36.0	53-37	69.8	115	4.8	217	9.0
BOB SVETE, Northwestern F	25	174-77	44.3	55-26	47.3	138	5.5	180	7.2
BOB HILDEBRAND, Northwestern G	27	95-38	40.0	43-36	83.7	33	1.2	112	4.1
JOHN WOZNIAK, M.I.T. F	18	91-27	33.7	26-17	65.3	49	2.7	71	3.9

Vikings' leader in rebounds, field goal percentage, free throw percentage, and blocked shots and was second in scoring. Among Pete's best games: 28 points and 10 rebounds versus Ripon College; 25 points, 9 rebounds against Carthage College; 20 points and 14 rebounds versus Mount Scenario College; 18 points, 10 rebounds against Lakeland College; and 16 points, 13 rebounds in the Northwestern College game.

Guard BRUCE BELL (6'0", 160) of Duke University became the first walk-on to start an Atlantic Coast Conference game in more than five years. The junior playmaker started the last six games for the Blue Devil squad. He's the son of NFL referee Tommy Bell.

Soph center DOUG BONTHRON and junior forward KEVIN KLEIN had good seasons again for Illinois Tech. Doug led the team in rebounding, field goal percentage, and blocked shots. Kevin ranked second in steals, third in minutes played, and fourth in rebounding.

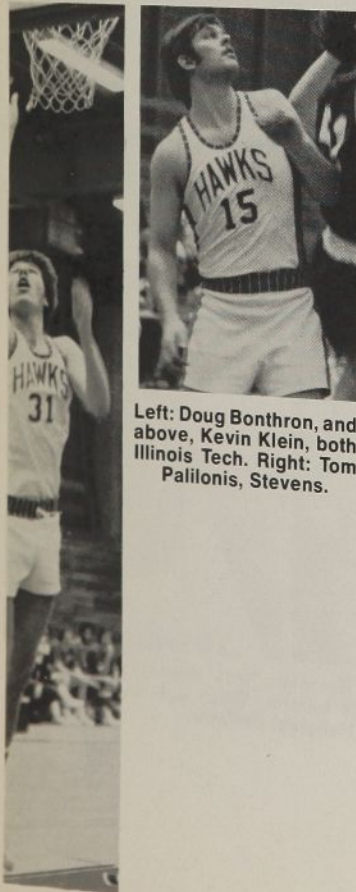
Stevens Tech soph forward TOM PALILONIS (6'3", 180) was named to the All-Independent Athletic Conference second team after averaging 15 points a game in conference play. He was one of two players to see action in every game, was second in points scored, and third in rebounds. Tom had a season high of 22 versus Drew, 19 points against Swarthmore and Pace, and 17 points in the Kings Point game.

Soph STEVE SOLDNER (6'7", 230) saw backup duty at center for Kansas State's Big Eight champs. He came off the bench to pull down 9 second-half rebounds against Oklahoma State and put in 8 points against Iowa State. Soph forward JOHN WOZNIAK (6'3", 180) was a valuable player for M.I.T.

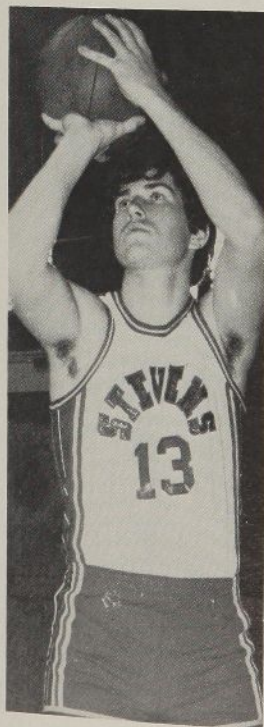
Lehigh guard DICK PACKER (6'1", 175) won his fourth letter. Guard STEVE FISHER (6'3", 190) saw a lot of action for the Oregon State JV team while freshmen LARRY PALMER and DAVE REED were regulars for the Wabash JV squad.

In the coaching ranks, Tennessee coach RAY MEARS, Miami '49, won a share of the Southeastern Conference crown and brought his career wins total to 399. Princeton coach PETE CARRIL, Lafayette '52, won his second straight Ivy League championship with a 21-5 record. His Tiger squad was one of the nation's best defensively, holding Dartmouth to just 32 points and Yale to 39.

Long-time Purdue assistant JOE SEXSON, Purdue '56, will assume the head basketball coaching job at Butler University on June 1st. He's been an assistant at his alma mater for 18 years and returns to his hometown to take the Butler post. This spring, he's coaching the Purdue baseball team for the last time.



Left: Doug Bonthron, and above, Kevin Klein, both Illinois Tech. Right: Tom Palilonis, Stevens.



SWIMMING

It was another fantastic year for Delts in collegiate swimming as ten Brothers were accorded All-American honors. Auburn University co-captain GARY SCHATZ won All-American selection for the third year at the NCAA Division I championships. He placed second in the 50 Freestyle with a time of 19.94, becoming only the second man in history to break the 20-second barrier in the event. He swam the anchor leg on Auburn's third-place 400 Medley Relay team which set a new American record. The first two finishers both had foreign swimmers in the event so the Auburn time is the new U.S. standard. Senior JEFF OCKERMAN was also invaluable to the fifth-place NCAA finishers.

A third-place finish at the NCAA Division III finals, six Delt All-Americans, and a 24th consecutive Ohio Athletic Conference crown highlighted Kenyon College's excellent season. Soph TIM BRIDGHAM set a new NCAA Division III record in winning the 100 Backstroke. He also earned All-American honors in five other events: second in the 400 Medley Relay and 800 Freestyle Relay; third in the 200 Backstroke and 200 Individual Medley; and fifth in the 400 Freestyle Relay.

Kenyon freshman TIM GLASSER also was an All-American in six events: second in the 100 Butterfly, 400 Medley Relay, and 800 Freestyle Relay; third in the 200 Butterfly; fifth in the 400 Freestyle Relay; and six in the 500 Freestyle. Freshman STEVE PENN gained All-American honors in three events: second in the 800 Freestyle Relay; fifth in the 500 Freestyle; and eighth in the 1650 Freestyle. At the OAC meet, he set new conference marks in the 200 Freestyle, 400 Freestyle Relay, and 800 Freestyle Relay; was second in the 500 Freestyle and third in the 1650 Freestyle.



Above: Diver Mark Virts, Purdue. Left: Swimmer Tim Bridgham, Kenyon.

Co-captain DON CONSTANTINO became the ninth Kenyon swimmer, seven of whom are Delts, to earn All-American honors four straight years. He placed second in the 400 Medley Relay and tenth in the 400 Individual Medley. He took three first-place crowns at the OAC meet in the 100 Breaststroke, 200 Breaststroke, and 400 Individual Medley. Incidentally, the other four-time Kenyon Delt All-Americans are GREG KALMBACH '69, BILL KOLLER '70, BILL WALLACE '72, JOHN KIRKPATRICK '73, JIM LOOMIS '73, and RICH JAMES '74.

Junior JIM ROBROCK gained All-American honors for the second time with the second-place 400 Medley Relay and fifth-place 400 Freestyle Relay teams. At the OAC meet, he was on the record-setting 400 and 800 Freestyle Relay teams, took second in the 200 Individual Medley, and fourth in the 100 Freestyle.

The sixth Kenyon All-American was freshman PETER DOLAN who was on the fifth-place 400 Freestyle Relay squad. At the OAC finals, he had first-place finishes in the 50 Freestyle, the 400 Medley Relay, and 400 Freestyle Relay; placed third in the 100 Freestyle and fifth in the 100 Butterfly. Also doing well at the OAC championships were junior DAVE MCGUE, first in the 400 Medley Relay, second in the 100 Breaststroke, and third in the 200 Breaststroke; junior DAVE MITCHELL, third in the 200 Butterfly and sixth in the 100 Butterfly; junior TODD RUPPERT, sixth in the 100 and 200 Backstroke; and junior PETE ZIMMERMAN, third in the 400 Individual Medley, and sixth in the 200 Butterfly and 200 Individual Medley.

Two Wabash College soph swimmers gained All-American honors again as the Little Generals placed 16th at the NCAA Division III meet. RALPH DIXON finished eighth in the 50 Freestyle, setting a new school record, and was joined by KEVIN SCHEID on the record-setting 400 Freestyle Relay team that finished tenth. Freshman freestyler CHRIS HUTSON and frosh diver BRIAN CASE also performed well for Wabash.

Soph CRAIG DOUGHERTY of Tufts, the current chapter president, gained All-American honors after finishing twelfth in the 50 Freestyle at the Division III championships and broke his old school record in the event. He was third in the 50 Freestyle at the conference meet and was named All-New England. Sophs MITCH DYNAN and CHRIS LUCANDER also had good years for Tufts.

Purdue diver MARK VIRTIS competed in the NCAA Division I championships for the fourth year and placed fifteenth on the 1-meter board. Earlier at the Big Ten meet, he finished twelfth on the 3-meter board and sixteenth on the 1-meter board. The Boilermakers' other senior Delt diver, BILL SMITH,

(Continued on Page 38)

competed in the NCAA Division I meet for the third year after placing thirteenth on the 1-meter board at the Big Ten finals.

Junior BOB VANDERLOO helped Iowa State win the Big Eight swimming crown. He swam on the first-place 400 Medley Relay team and placed fifth in the 100 and 200 Breaststroke events. Senior diver JACK FALLON was a valuable member of the Minnesota squad. He helped the Gophers to third place in the Big Ten Relays, placed third in both 1-meter and 3-meter diving versus Northern Iowa, and finished sixth in both events at the Minnesota Relays.

University of Texas soph RICHARD REEVES won the consolation championship in the 50 Freestyle at the Southwest Conference meet and placed fifth in the consolation 100 Backstroke. He also competed in the 100 Freestyle and swam on two relay teams. Earlier in the season, Richard won the consolation finals of the 100 Freestyle at the SWC Invitational meet.

Junior GORDON ROSS was Washington and Lee University's top diver. He took first place in 3-meter diving versus Towson State, was second in both 1-meter and 3-meter diving against George Washington, and placed second in the 3-meter and third in the 1-meter against Richmond.

Bethany College soph GEORGE COUCH placed second in the 200 Breaststroke and fourth in the 100 Breaststroke at the President's Athletic Conference meet. His second-place finish was the highest of any Bethany swimmer. Soph RICH TEUBNER had another outstanding season for Westminster College and was the team's high point man for the year. He now holds school records in the 200 Individual Medley and 500 Freestyle.

One of the mainstays of the Illinois Tech squad was soph JIM LEPARSKI, the holder of school records in the 100 and 200 Breaststroke and 400 Medley Relay. He was fifth-highest scorer on the team with 112½ points and figured in every team competition for the year. In ten dual meets, he won seven in the 200 Breaststroke and was 5-5 with the 400 Medley Relay team. At the Hawk Invitational won by Illinois Tech, Jim placed second in the 100 Breaststroke. Other good swimmers were OLIVER WAGGONER of Washington and Jefferson and GUS DREYER of North Dakota.

WRESTLING

Minnesota, the NCAA Division I's fourth-place finisher, was aided by two Delts who had outstanding records. Junior STEVE EGESDAL had a 17-5 record in the 142-pound class despite an injury that caused him to miss much of the season. At the time of his injury, he was ranked number four nationally in his weight class by the Amateur Wrestling News.

Steve took first place honors at the Minnesota Invitational and the Air Force Academy Invitational meets. Gopher soph heavyweight JIM BECKER posted an 18-13 dual meet record and finished sixth at the Big Ten championships.

The Lawrence College Vikings, coached by RICH AGNESS, Lawrence '67, had an outstanding year and placed third at the Midwest Conference tournament. Three-year co-captain TOM HUGHES took the conference crown at 177 pounds, posted a 16-3 record, and competed in the NCAA Division III championships. He finished a great career with a 61-13 won-lost record.

Lawrence's other co-captain was soph TOM MEYER who had a 17-3 mark and placed third in the 134-pound class at the MWC meet. He was named as the team MVP, won the most takedowns award, and also competed in the NCAA Division III meet.

The third Lawrence Delt to place at the Midwest Conference meet was soph RALPH HARRISON who finished fourth at 142 pounds. He was 8-8 for the year. Also doing good work were soph DAN MATIC, 5-7 in the 158-pound class, and soph DAN GARVEY, 6-11 at 167 pounds.

Washington and Lee University had its best season since 1972 with a 10-3 dual match record. Aiding the Generals cause was junior HOWDY KNIPP who placed second in the 126-pound class at the Old Dominion Athletic Conference meet. After being sidelined for 3 weeks with a broken hand, he won 4 of his last 5 matches to finish with an 8-8 record. Howdy had a fifth-place finish at the Pembroke State Brave Invitational tournament.

Lehigh University won its third straight Eastern Intercollegiate Wrestling Association title and placed seventh at the NCAA Division I meet. 177-pound senior GUY TALARICO won his second letter and had a 2-3 record at the EIWA meet.

TRACK

A number of outstanding Delts return to track and field circles this spring. Western Illinois discus thrower BILL EDWARDS is seeking All-American honors for the fourth straight year after placing second in his event at the NCAA Division II finals last summer. Olympian JIM BUCHANAN of Toronto is back in fine form and placed fourth in the long jump at the U.S.-U.S.S.R.-Canada International meet in March.



Laramore

All-American hurdler RODGER LARAMORE of Westminster College is back after taking second place honors at the NCAA Division III meet last year. He's the school record holder in four events and a two-time NAIA District champ.

Lawrence College junior weightman RON OPAT returns after gaining All-American honors in the discus and shot put last summer.

One of the nation's better sprinters, BRIAN NORM of Bowling Green State University, leads a group of Delt tracksters on the BGSU squad. Junior high jumper BRUCE HENDERSON of Wabash College will go to the NCAA Division III meet for the third year this summer, having reached the qualifying height early this spring.

The April issue of Track and Field News cites Cornell freshman STEVE BAGINSKI as someone to watch in future years in the 35-pound weight and hammer throw. One eastern expert says "he is a natural and will be one of the all-time greats." Last year, Steve had the fourth-best hammer throw in the high school ranks. Older brother PAUL BAGINSKI is one of the top discus men on the Cornell squad. Look for an update on this year's track results in the next issue.

FOOTBALL

The new Director of Player Personnel for the Denver Broncos is CARROLL HARDY, *Colorado '55*. He had been the club's Director of Scouting since 1970 and prior to that time was a scout and assistant ticket manager for the Broncos. He's one of the few men to have played both pro football and major league baseball.

Tight end DOUG KINGSRITER, *Minnesota '73*, a veteran of two Super Bowls with the Vikings, signed with the Chicago Bears as a free agent. The former All-American played three seasons with Minnesota before being cut prior to the start of the 1976 season. Linebacker ERNIE RICHARDSON, *Oregon State '76*, signed with the Toronto Argonauts as a free agent. He previously had tried out with the Seattle Seahawks.

By the time you read this, the pro football draft will have been held. You might want to look over the list for the top Delt prospects who were cited as potential draftees in the April issue of Pro Football Weekly. Over 800 collegians were ranked by position on their pro potential. Here are the Delts mentioned and their ranking at their position:

DENNIS BOYD, Oregon State defensive end (6th)
TOM SCHICK, Maryland offensive guard (15th)
JOHN HARRIS, Stanford defensive tackle (32nd)
ALEX KARAKOZOFF, Stanford offensive guard (3th)
GARY ANDERSON, Stanford offensive tackle (3th)
RICH WATERS, Stanford safety (43rd)
PAUL RICH, Texas A&I offensive guard (54th)
KJEL KIILSGAARD, Idaho linebacker (57th)

BASEBALL

RICK CUNNINGHAM, *Ohio State '71*, is the new assistant director of information in the office of commissioner Bowie Kuhn. For the past 3½ years, he had been an administrative assistant and publicist for the National Association of Baseball. He holds a Master's degree in Sports Administration from Ohio University.

Among the top Delt players on the diamond this spring are Ohio State outfielder JEFF KLINE, a four-year regular; pitchers TOM BLACK and STEVE WHITTON of Texas Tech; co-captain JIM WILKINSON and first baseman GEOFF GRIEVE of Lawrence College; outfielder MITCH MORAN and pitcher KEVIN HORN of DePauw; catcher MIKE MAROPIS and third baseman STEVE KAZLEY of Allegheny College; pitcher CHRIS MACHEN of Westminster College; pitcher KEVIN KLEIN and catcher CURT WILCHER of Illinois Tech; and pitcher CHRIS CASIDY of Stevens Tech.

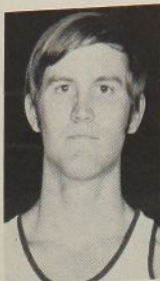
MISCELLANEOUS

Long-time high school coach ARCH McCARTNEY, *Cincinnati '19*, was one of the first three coaches named to the Cincinnati High School Sports Hall of Fame. He spent 32 years as a coach at Western Hills before retiring in 1960. At various times, he coached football, baseball, track, tennis, golf, and cross-country before winding up as athletic director. Among his top athletes was his son, ARCH McCARTNEY, *Miami '50*, a three-year college football letterman. Among those inducted with Arch were Roger Staubach, Red Sox manager Don Zimmer, and basketball player Robin Freeman.

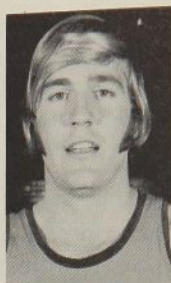
Northwestern Assistant Athletic Director CHICO KURZAWSKI, *Northwestern '69*, resigned to take a position as a sales representative with WIND, one of Chicago's leading stations.

Soph PETE GRIFFITH did an outstanding job on the M.I.T. water polo squad and paced the team to an improved record over the previous year. He had two penalty shot blocks against Harvard which inspired the team to play its closest match with the Crimson in 8 years. Pete was voted the team MVP for his consistently tough and dependable goal-tending. GARY STANCO and ED OPLACH were water polo standouts at Villanova.

In hockey, forward DON BOUTIN and defenseman ROB PROVENCHER helped the Maine hockey squad to a 9-5-1 record. Don was one of the top scorers with 14 goals and 14 assists. Also playing well were co-captain BRIAN GRIFFIN and HUGH SLOAN of Purdue, and GARY DeLONGE of Miami. Senior DOUG McLEOD captained the M.I.T. squash team. RON EVERS of Toronto and BOB MORROW of Oregon were tough in skiing competition. ▲



Featherston
S. W. Texas St.



Cornett
S. W. Texas St.



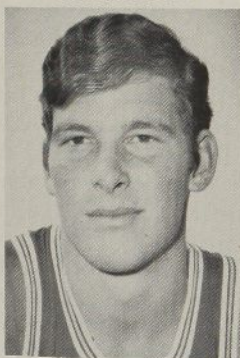
Andrews
Kentucky



Sibley
Northwestern



Hobbs
Florida



Mitchell
Kansas State



Tomsik
Stanford



Lange
M. I. T.

THE DELT BAS

Here are the leading Delt performances of all time in scoring, rebounding, and shooting. We have listed each man's best performance only in the single game or season category. In most cases, the per game average for scoring or rebounding is shown in parentheses. Some performances may have been overlooked due to insufficient data. A special note: Art Bunte was initiated at Colorado and also played at Utah.

Most Points in a Game

- 49 pts RICH FALK, Northwestern 1964
- 44 pts ART BUNTE, Utah 1956
- 44 pts SWEDE MALM, Baker 1956
- 44 pts GARY HOEMANN, Westminster 1975
- 42 pts TOM DOSE, Stanford 1964
- 41 pts JOE HOBBS, Florida 1958
- 41 pts JOHN OLIN, Illinois Tech 1959
- 41 pts GARY OVERBECK, Texas 1968
- 40 pts ANDY PHILLIP, Illinois 1943
- 40 pts RON TOMSIC, Stanford 1955
- 39 pts JOHN DIEFENDORF, South Dakota 1950
- 38 pts GEORGE LINN, Alabama 1956
- 38 pts JOHNNY GREEN, UCLA 1960
- 37 pts JIM ANDREWS, Kentucky 1972
- 36 pts JOHN ALVIGGI, Lafayette 1954
- 36 pts TOM LEE, Santa Barbara 1965
- 36 pts MARK SIBLEY, Northwestern 1973
- 36 pts TRAVIS CORNETT, S.W. Texas St. 1974

Most Points in a Season

- 617 pts TRAVIS CORNETT, S.W. Texas St. 1974 (19.9)
- 614 pts ART BUNTE, Utah 1956 (21.9)
- 602 pts JIM ANDREWS, Kentucky 1972 (21.5)
- 562 pts GARY HOEMANN, Westminster 1975 (20.0)
- 559 pts JOHNNY GREEN, UCLA 1962 (19.3)
- 550 pts EPPA RIXEY, III, Kenyon 1948 (25.0)
- 533 pts GEORGE LINN, Alabama 1956 (22.2)
- 532 pts DON GRIFFIN, Stanford 1969 (20.4)
- 530 pts GARY SIMMONS, Idaho 1958 (20.4)
- 528 pts MIKE BRATZ, Stanford 1977 (19.6)
- 527 pts CAM LANGE, M.I.T. 1975 (22.9)
- 520 pts TOM DOSE, Stanford 1963 (20.8)
- 515 pts RON TOMSIC, Stanford 1953 (19.1)
- 507 pts STEVE HOWELL, Ohio State 1968 (17.5)
- 506 pts JOHN OLIN, Illinois Tech 1959
- 506 pts RON JOHNSON, Minnesota 1960 (21.1)
- 502 pts JOE HOBBS, Florida 1958 (23.9)
- 501 pts GORDON MARTIN, USC 1963 (19.3)

RECORD BOOK

Most Points in a Career

1841 pts	TRAVIS CORNETT, S.W. Texas St. 1971-74 (17.2)
1830 pts	ART BUNTE, Colorado, Utah 1952-56 (18.1)
1793 pts	GARY HOEMANN, Westminster 1974-77 (17.4)
1699 pts	CAM LANGE, M.I.T. 1973-76 (18.8)
1487 pts	DAN BENEVICH, Illinois Tech 1960-63
1441 pts	GEORGE LINN, Alabama 1953-56 (15.1)
1441 pts	TOM DOSE, Stanford 1962-64 (19.2)
1430 pts	BRUCE FEATHERSTON, S.W. Texas St. 1971-74 (13.3)
1416 pts	RON TOMSIC, Stanford 1952-55 (16.3)
1335 pts	RON JOHNSON, Minnesota 1958-60 (19.6)
1331 pts	JOE HOBBS, Florida 1956-58 (19.6)
1325 pts	DEXTER RIESCH, Wisconsin-Milwaukee 1967-70 (15.1)
1320 pts	DON SHARBUTT, Baker 1963-66 (14.0)
1320 pts	JIM ANDREWS, Kentucky 1971-73 (16.5)
1302 pts	EPPA RIXEY, III, Kenyon 1947-49 (22.8)
1274 pts	JOHN OLIN, Illinois Tech 1958-61
1256 pts	DON GRIFFIN, Stanford 1967-69 (16.1)
1225 pts	BABE HAWK, Baker 1960-63 (14.7)
1205 pts	MIKE WAYTE, Illinois Tech 1958-61
1196 pts	SWEDE MALM, Baker 1953-56
1152 pts	CHUCK ROBINSON, Marietta 1972-75
1148 pts	JOHNNY GREEN, UCLA 1960-62 (14.2)
1145 pts	JIM KEAN, Baker 1957-60
1113 pts	MARK SIBLEY, Northwestern 1971-73 (15.7)
1098 pts	BOB LEONARD, Indiana 1952-54 (15.5)
1095 pts	JOE SEXSON, Purdue 1954-56 (16.6)
1079 pts	STEVE MITCHELL, Kansas State 1971-73 (13.2)
1065 pts	GARY SIMMONS, Idaho 1956-58 (15.5)
1045 pts	ERNIE KUSNYER, Kansas State 1971-73 (12.7)
1041 pts	STRAT WARDEN, Lawrence 1970-72 (16.3)
1034 pts	JIM DYER, South Dakota 1962-64 (15.7)
1033 pts	BART LEACH, Pennsylvania 1953-55 (14.3)
1013 pts	BILL BOND, Stanford 1955-57 (13.9)
1002 pts	JERRY HUDSON, M.I.T. 1971-73 (15.2)
1001 pts	RICH FALK, Northwestern 1962-64 (14.7)

Most Rebounds in a Game

36	BRAD CHILES, Lawrence 1969
32	BART LEACH, Pennsylvania 1955
31	BILL ROGERS, Western Reserve 1967
27	RON JOHNSON, Minnesota 1958
27	BRUCE FEATHERSTON, S.W. Texas St. 1972
26	TOM McINERNEY, Stevens Tech 1974

Most Rebounds in a Season

450	BART LEACH, Pennsylvania 1955 (18.0)
366	BRAD CHILES, Lawrence 1969 (18.3)
348	JIM ANDREWS, Kentucky 1973 (12.4)
339	FRANK HOSS, Washington & Lee 1957 (12.5)
330	ART BUNTE, Utah 1955 (11.8)
316	BRUCE FEATHERSTON, S.W. Texas St. 1972 (11.2)

Most Rebounds in a Career

1028	BART LEACH, Pennsylvania 1953-55 (14.3)
1002	FRANK HOSS, Washington & Lee 1955-58 (9.9)
977	BRUCE FEATHERSTON, S.W. Texas St. 1971-74 (9.1)
902	TRAVIS CORNETT, S.W. Texas St. 1971-74 (8.4)
837	DAN BENEVICH, Illinois Tech 1960-63
831	BRAD CHILES, Lawrence 1967-69 (13.2)
820	RON JOHNSON, Minnesota 1958-60 (12.0)
783	JIM ANDREWS, Kentucky 1971-73 (9.8)
757	BILL ROGERS, Western Reserve 1966-68 (14.0)
755	TOM DOSE, Stanford 1962-64 (10.0)
748	GARY HOEMANN, Westminster 1974-77 (7.0)
722	GEORGE LINN, Alabama 1953-56 (8.1)

Season Field Goal Percentage (min. 100 attempts)

61.7	BRUCE FEATHERSTON, S.W. Texas St. 1973
61.4	TRAVIS CORNETT, S.W. Texas St. 1974
60.7	CARL GERLACH, Kansas State 1974
57.7	JIM ANDREWS, Kentucky 1972
57.3	RICK ROBEY, Kentucky 1977
56.6	TETE HACHMEISTER, Lawrence 1977
56.0	STEVE MITCHELL, Kansas State 1973
55.3	GARY OVERBECK, Texas 1967

Career Field Goal Percentage (min. 300 attempts)

59.4	TRAVIS CORNETT, S.W. Texas St. 1971-74
57.4	BRUCE FEATHERSTON, S.W. Texas St. 1971-74
56.6	CARL GERLACH, Kansas State 1973-76
56.3	JIM ANDREWS, Kentucky 1971-73
55.9	RICK ROBEY, Kentucky 1974-77
55.1	GARY OVERBECK, Texas 1966-68

Single Game Shooting (min. 10 attempts)

91.7	RICK ROBEY, Kentucky 1976 (11 of 12)
87.5	RON TOMSIC, Stanford 1955 (14 of 16)
82.3	JIM ANDREWS, Kentucky 1972 (14 of 17)
81.8	STEVE MITCHELL, Kansas State 1972 (9 of 11)
78.9	BOB SVETE, Northwestern 1976 (15 of 19)

Season Free Throw Shooting (min. 50 attempts)

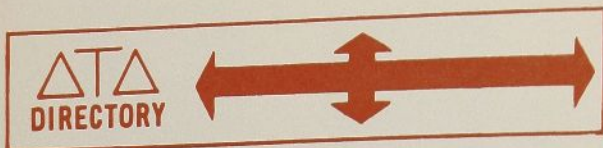
87.0	TOM CHAPMAN, Iowa 1967
86.0	JOE HOBBS, Florida 1958
85.4	PAUL NEUMANN, Stanford 1959
84.9	GARY SIMMONS, Idaho 1957
84.4	BOB LOVETT, Pittsburgh 1965

Career Free Throw Shooting (min 200 attempts)

84.0	JOE HOBBS, Florida 1956-58
81.1	PAUL NEUMANN, Stanford 1957-59
80.5	GARY SIMMONS, Idaho 1956-58

Single Game Free Throw Shooting

100.0	JOE HOBBS, Florida 1958 (16 of 16)
100.0	STEVE MITCHELL, Kansas State 1971 (13 of 13)
100.0	RICK ROBEY, Kentucky 1975 (12 of 12)
100.0	JIM SARNO, Northwestern 1969 (10 of 10)



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 Eugene Tarr (1840-1914)
 John C. Johnson (1840-1927)
 Alexander C. Earle (1841-1916)

William R. Cunningham (1834-1919)
 John L. N. Hunt (1838-1918)
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the chapter eternal

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Richard Smith, '99
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Marcos Kavlin, '46
Waldo Emerson Stephens, '19

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William Wilson Radcliffe, '30
Joe L. Richards, '36
Harry Hill Waters, Jr., '37

PI - UNIVERSITY OF MISSISSIPPI

James Fort Daniel, '05
George Henry Grieb, '26

RHO - STEVENS INSTITUTE OF TECHNOLOGY

Stuart Davis Brown, '25
Albert Carter Dousman, '41
Alfred Gustav Hartmann, '20
James Clayte Kincannon, '14
William Jeremiah Murphy, '28
Dewey Lockwood Pierce, '24 (Lehigh
Univ. '25)

TAU - PENNSYLVANIA STATE UNIVERSITY

Richard Lewis Lockwood, '26
(Carnegie-Mellon '27)
Charles Converse Robinson, II, '28
Percy Leo Townley, '13

UPSILON - RENSSELAER POLYTECHNIC INST.

Maynard Owen Burgess, '22
Enoch William Filer, '09 (Univ. of Col-
orado '12)
Seth Wiard, '16

CHI - KENYON COLLEGE

Edwin Charles Welch, '17

OMEGA - UNIV. OF PENNSYLVANIA

Philip Stanley Barba, '22
Israel Clinton Helmly, Jr., '25 (U. of
Georgia '25)
William Clinton Helmly, '21
William Thomas Hildreth, '44
Arthur C. Jack, '15
Howard Stanley Ketcham, '16
Robert Alexander Travis, '20

BETA ALPHA — INDIANA UNIVERSITY

Melvon Fickle, '12

BETA BETA - DEPAUW UNIVERSITY

Robert Angus Bain, '24
Ralph Henry Boyd, '24
Oscar Russell Hawkins, '21
Eldie Troxell, '12
Karl Rodney Trump, '35

BETA GAMMA - UNIVERSITY OF WISCONSIN

John Walter Campbell, '17
Horace Paul Hougau, '22
Albert Gray Mather, '25
Ernst Conrad Schmidt, '17

BETA DELTA - UNIVERSITY OF GEORGIA

Walter Roop Dorsett, '28
John William Trigg, Jr., '40

Iwin Loring Harris, '23 (M.I.T. '23)
Herbert Rule Simons, '22

ETA TAU - UNIV. OF NEBRASKA
Warren Best, '21
George Crawford Follmer, '25
Harry Chalmers Gellatly, '16
Oscoe Lewis Rice, '19

ETA UPSILON - UNIV. OF ILLINOIS
Walter Stephen Frazier, '17 (M.I.T. '18)
Robert Keith Hoskins, '19
Ernest Edward Meier, '05
Harry Sykes Mitchell, '05
Frederick Drew Morey, '19

BETA PHI - OHIO STATE
UNIVERSITY
Harry Albert Doerr, '17
Gilbert George Rosino, '10

BETA CHI - BROWN UNIVERSITY
Thomas Benjamin Dustin, '23
John Joseph Hall, '19
Peter Swain Philippi, '56
James Aelyan Wadhams, '14

BETA PSI - WABASH COLLEGE
Chester Paxton Leliter, '28
Robert Hays Stopher, '29

BETA OMEGA - UNIV. OF
CALIFORNIA
Roy Palmenter Crocker, '14 (Cornell
'15)
Frederick Thomas Ebersole, '34
John Edward McGuinness, '24

GAMMA ALPHA - UNIV. OF
CHICAGO
Elmer Howard Grogan, '30

GAMMA BETA - ILLINOIS INST. OF
TECH.
Henry Andrews Babcock, '12 (M.I.T.
'13)
Dora Leonard Cox, '23
Francis Albert McCue, '21
Walter Elwood Mead, '19

GAMMA GAMMA - DARTMOUTH
COLLEGE
Herford Naylor Elliott, '05
Gerald Gordon Griffin, '20
John Joseph Moore, Jr., '20
Willard Warner Newcomb, '21
Richard Smalley Porter, '31
Charles Samuel Seavey, '11

GAMMA DELTA - WEST VIRGINIA
UNIV.
Thomas Augustus Deveny, Jr., '26
Orville D. White, '20
Kenn Audubon Wilt, '19 (Univ. of
Michigan '19)

GAMMA EPSILON - COLUMBIA
UNIVERSITY
Heroy Morris Otis, '12

GAMMA ZETA - WESLEYAN
UNIVERSITY
Robert Mason Ferguson, '23

Distinguished Service Chapter

SILAS BAGGETT RAGSDALE, JR.
Gamma Iota, '48

President of Gamma Iota Chapter and faithful member of its house corporation, active in the colonization of Epsilon Beta Chapter at Texas Christian University, Western Division Vice President and annual host to a southern Texas chapter retreat, this Good Delt has always acted in the best traditions of the Fraternity and set an example by his leadership and constant service to Delta Tau Delta Fraternity.

Given under our seal, April 20, 1976.

This Citation was presented to Mr. Ragsdale at the Western Division Conference banquet on February 19, 1977, in Oklahoma City, Oklahoma.

WALLACE WILLIAM TAYLOR, JR.
Delta Eta, '46; Beta Epsilon, '45

A leader during his undergraduate years, field secretary, Delta Tau Chapter Adviser, Southern Division Vice-President, Northern Division Vice-President, Eastern Division Vice-President, Eastern Division President-elect, a representative of the Fraternity on many special assignments; a life-long record of service and devotion make him the personification of the Good Delt.

Given under our seal, April 30, 1971.

This Citation was presented to Mr. Taylor at the Eastern Division Conference banquet on February 26, 1977, in Toronto, Ontario, Canada.

Edward Fenn Nourse, '10
Carson Wesley Orr, '29

GAMMA ETA - GEORGE
WASHINGTON UNIV.
Frederick Albert Crafts, '11
William Melvin Pates, Jr., '34

GAMMA THETA - BAKER
UNIVERSITY
Fowler Dell Brooks, '11
Harold Vincent Holter, '24
John Alexander Reynolds, '18
Caspar Rawlins Stauffacher, '24
Arden Archer Todd, '32
Harry Fulton Warnock, '40

GAMMA IOTA - UNIVERSITY OF
TEXAS
Francis Thomas Baldwin, '12
Oscar Cromwell Dancy, III, '59
George Michael Hogan, '30
Joseph B. Turner, Jr., '19

GAMMA KAPPA - UNIVERSITY OF
MISSOURI
Larry Dean Benton, '57 (Kansas State
U. '58)
Albert Stanley Burchard, '45
Karl Page Spencer, '19
Sanford Ellis Williams, '18

GAMMA LAMBDA - PURDUE
UNIVERSITY
Lindsay Fairfax Dudley, '28
Roger Jones Hageboeck, '36
Wesley Harold Hoffman, '21
James Talmage Lockwood, '35
George Marshall Oberholtzer, '40
John Dudley Stemm, '16

GAMMA MU - UNIV. OF
WASHINGTON
John Carleton Beeson, Jr., '32
Francis Coburn Spelman, '26
Paul H. Steuding, '14

GAMMA NU - UNIVERSITY OF
MAINE
Russell Vernard Lathrop, '30
Frank Milton Libby, '14
Carlton Elivin Martin, '22
Walter Priest Morse, '26
Paul Alanson Warren, '15

GAMMA XI - UNIV. OF CINCINNATI
Charles Cornelius Bush, '27
William Coughlen, Jr., '35
Charles Hammell Hixson, '31
Lynn Paul Lemay, '30
Richard Nelson Smith, Jr., '53

(Continued on Page 46)

1976 Hugh Shields Award Winners for Chapter Excellence (Listed Alphabetically)

Gamma: Washington & Jefferson College
Beta Nu: Massachusetts Institute of Technology
Gamma Beta: Illinois Institute of Technology
Gamma Pi: Iowa State University
Delta Alpha: Oklahoma University
Delta Epsilon: University of Kentucky
Delta Mu: University of Idaho
Delta Omicron: Westminster College
Epsilon Alpha: Auburn University
Epsilon Kappa: Louisiana State University

CHAPTER ETERNAL:

Continued from Page 45

GAMMA PI - IOWA STATE UNIVERSITY
Kenneth Miles Bennett, '26
Merritt William Cressler, '12
Edward Harrison Deemer, '11
Samuel Henry Reck, Jr., '25
GAMMA RHO - UNIVERSITY OF OREGON
Robert Denison Holmes, '32
Alfred Helmer Marious Skei, '14
GAMMA SIGMA - UNIV. OF PITTSBURGH
Lycurgus Martin Gurley, Jr., '31
Kenneth Edward Leonard, '33
Thomas Parkinson, '30
Dean Edward Troxell, '27
GAMMA TAU - UNIVERSITY OF KANSAS
Edward Richard Ash, '37
Robert Kernot Benkelman, '43
William Nicholas Conner, '29
GAMMA UPSILON - MIAMI UNIVERSITY
Jack Bender Darragh, '34
Paul Meckley Holtzmuller, '18
Noel Lincoln Howard, '50
Merlyn Keith Ledyard, '24
GAMMA PHI - AMHERST COLLEGE
John Alfred Hoxie, '24 (M.I.T. '25)
Harry Swank Phillips, '28

GAMMA CHI - KANSAS STATE UNIVERSITY

E. R. Lord, '25
Edward John Mueller, '22

GAMMA PSI - GEORGIA INST. OF TECH.

Thomas Walter Hughes, '25
Franklin Louis Sacha, '30

GAMMA OMEGA - UNIV. OF NORTH CAROLINA

Charles Dale Beers, '21
Jack Fetner, '29
Jesse Jenkins McMurry, Jr., '27

DELTA ALPHA - UNIV. OF OKLAHOMA

Thomas Hill Clifford, '30
Alton Douglas Marrs, '72

DELTA BETA - CARNEGIE-MELLON UNIV.

Edgar Lipscomb Bell, '26
Theodore Roosevelt Neff, '28
Orvil Ransom Olmsted, '19

DELTA GAMMA - UNIV. OF SOUTH DAKOTA

Alph Buford Gilbertson, '24
George Hemmingson Tompkins, '27

DELTA DELTA - UNIV. OF TENNESSEE

Albert Phil Farrow, '25

DELTA ZETA - UNIV. OF FLORIDA

Irwin Barnard Anderson, '28

DELTA ETA - UNIVERSITY OF ALABAMA

William Harris Coggins, '27
Carl Atwood Elliott, Jr., '63

DELTA THETA - UNIVERSITY OF TORONTO

William George Enouy, '27
Douglas Russell Miller, '50
Charles Thomas Sharpe, '24

DELTA IOTA - UNIV. OF CALIFORNIA AT L. A.

Roger Willard Clapp, '27
DELTA KAPPA - DUKE UNIVERSITY
Frank Leon Ashmore, '46
Frank Daniel Kitzmiller, '35
Joseph Richard Mackie, '37
John Walter Murphy, '35 (Allegheny College '35)

DELTA NU - LAWRENCE UNIVERSITY

Walter Henry Pagenkopf, '26

DELTA UPSILON - UNIV. OF DELAWARE

Orlando Jerman Houston, '56

DELTA OMEGA - KENT STATE UNIVERSITY

Frederick Church Scadding, III, '50

EPSILON ALPHA - AUBURN UNIVERSITY

Fred Warren Wellborn, '52

EPSILON DELTA - TEXAS TECH UNIVERSITY

Kenneth Ray Thomas, Jr., '67

EPSILON KAPPA - LOUISIANA STATE UNIV.

Russell Keith Roberts, '76

EPSILON MU - BALL STATE UNIVERSITY

Richard James Stremme, '78

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