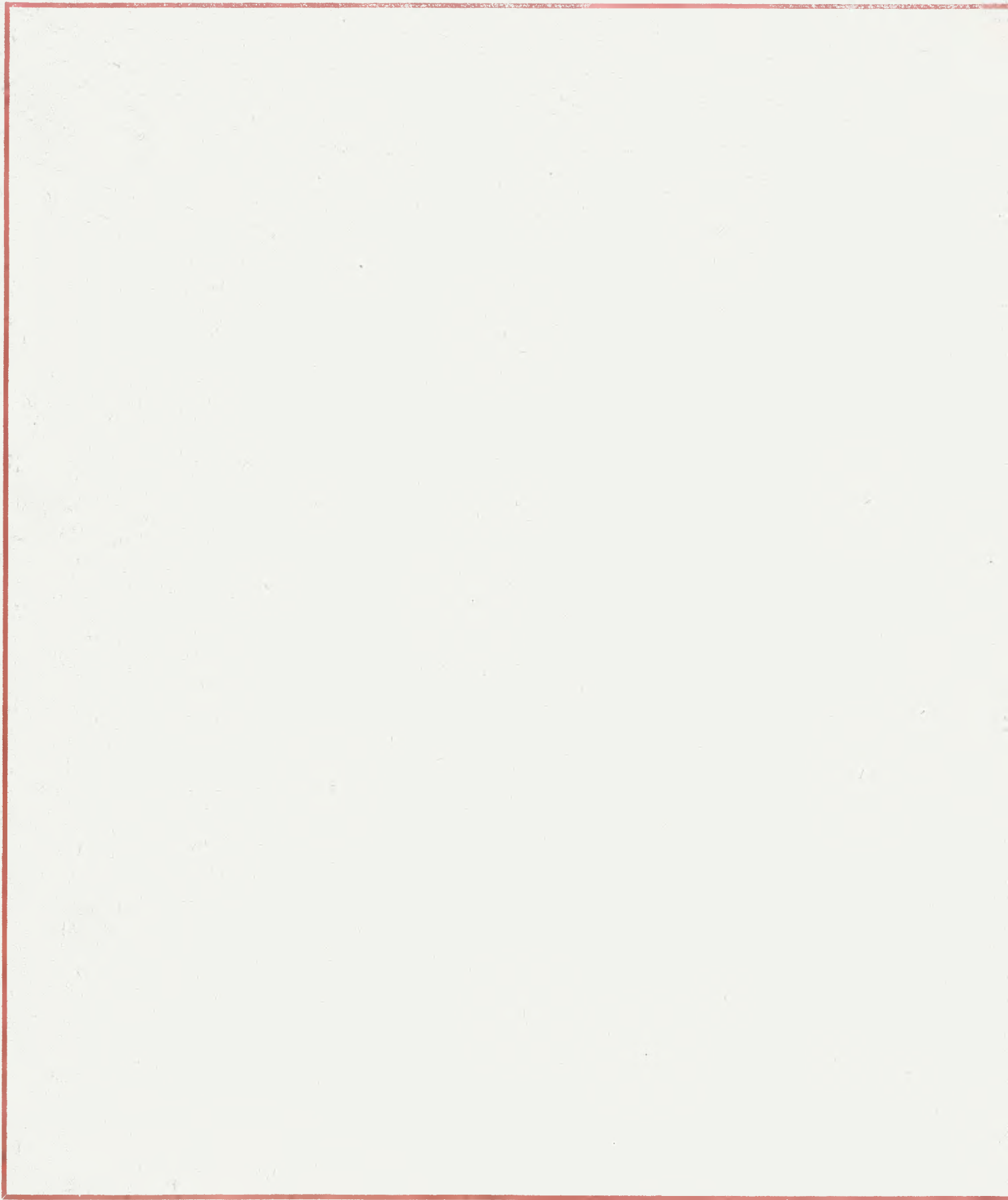


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The Future

New Jersey Institute of Technology

NUCLEUS 1992

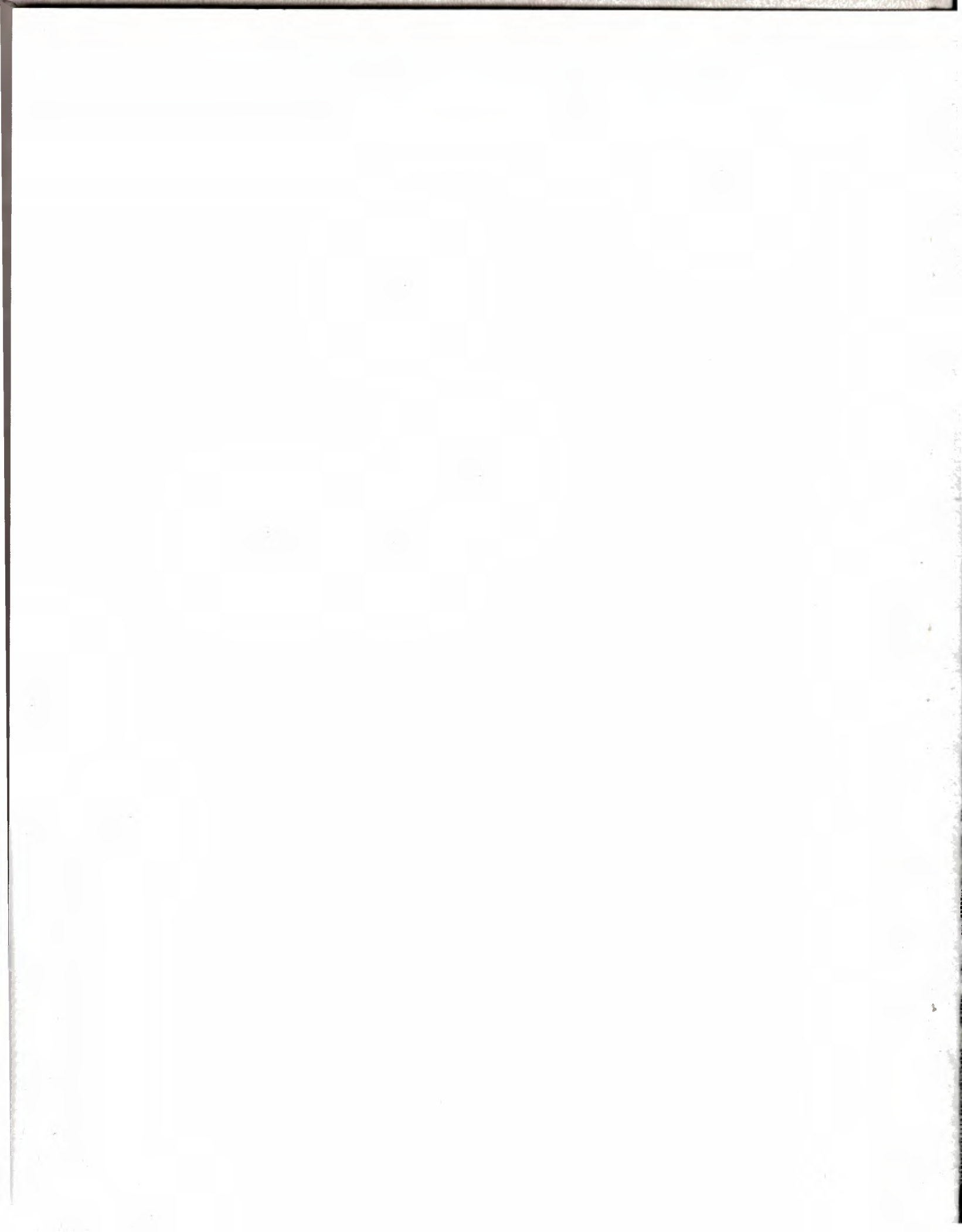


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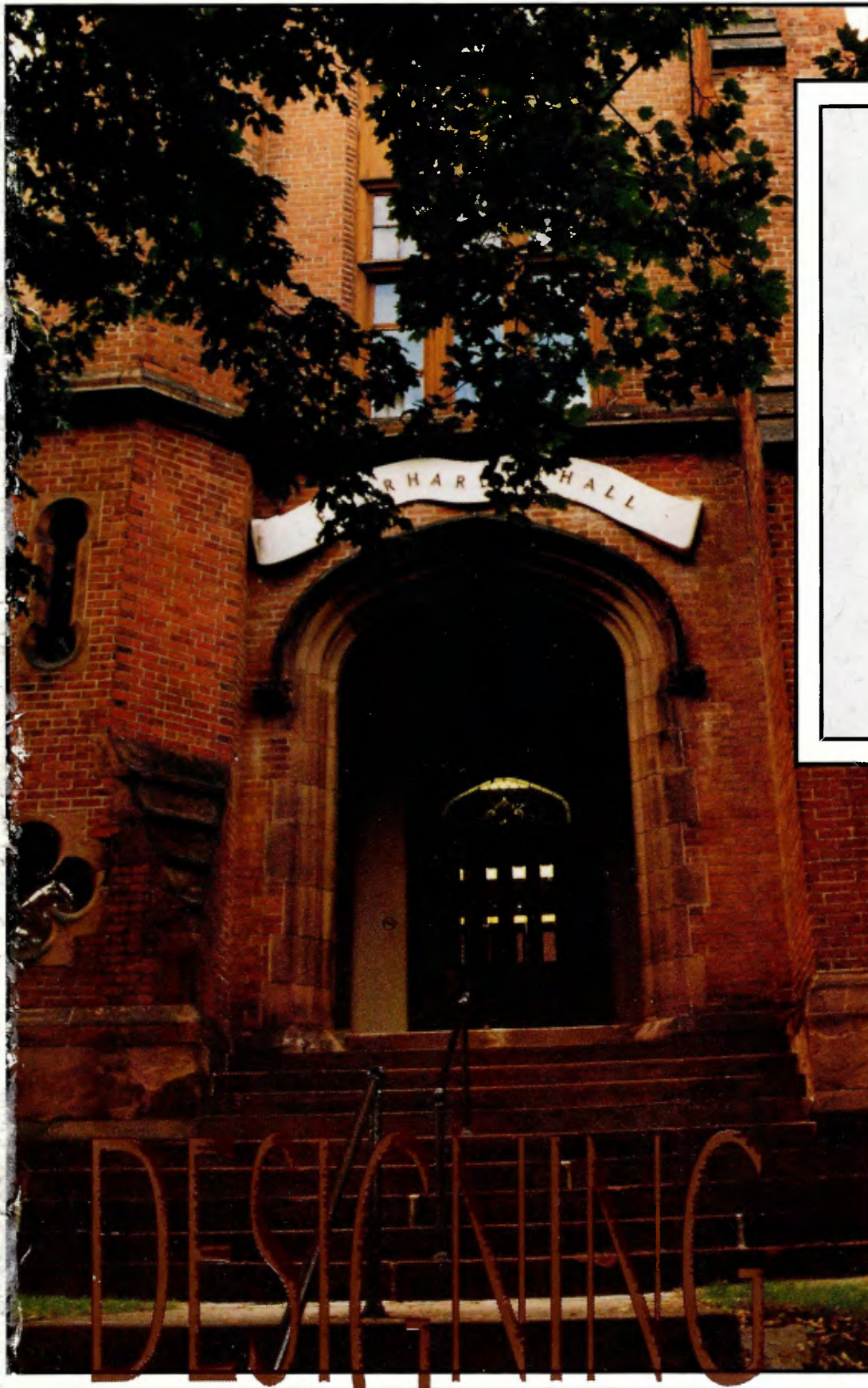
Student Life	8
Retrospect	48
Academics	56
Residence Life	66
Administration	74
Organizations	86
Greek Life	112
Athletics	138
Seniors	158
Graduate Students	184

DESIGNING

The Future



New Jersey Institute Of Technology



1992 Nucleus Volume 69

Hazell Center
University Heights
Newark, New Jersey
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The Future

A Strong Unity Making A Difference

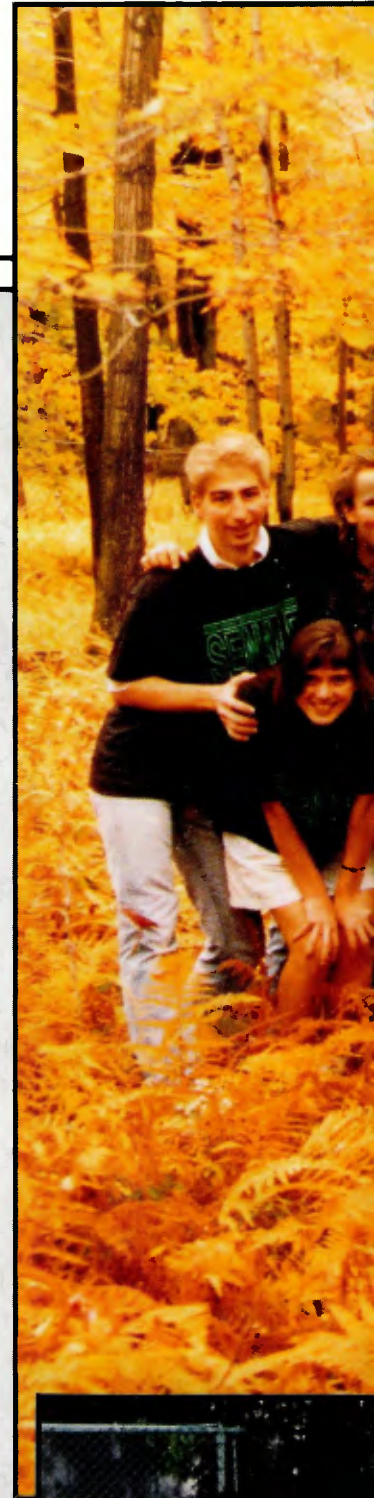
The Year Opened

With Familiar Obstacles Of Past.

Concerns Seemed To Reach All Members
Of The University. Topics Of Discussion
Revolved Around Budget Cuts And Parking
Woes. Despite All, The University Community
Bound Together To See Us On Our Way To
Designing The Future.

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The Future



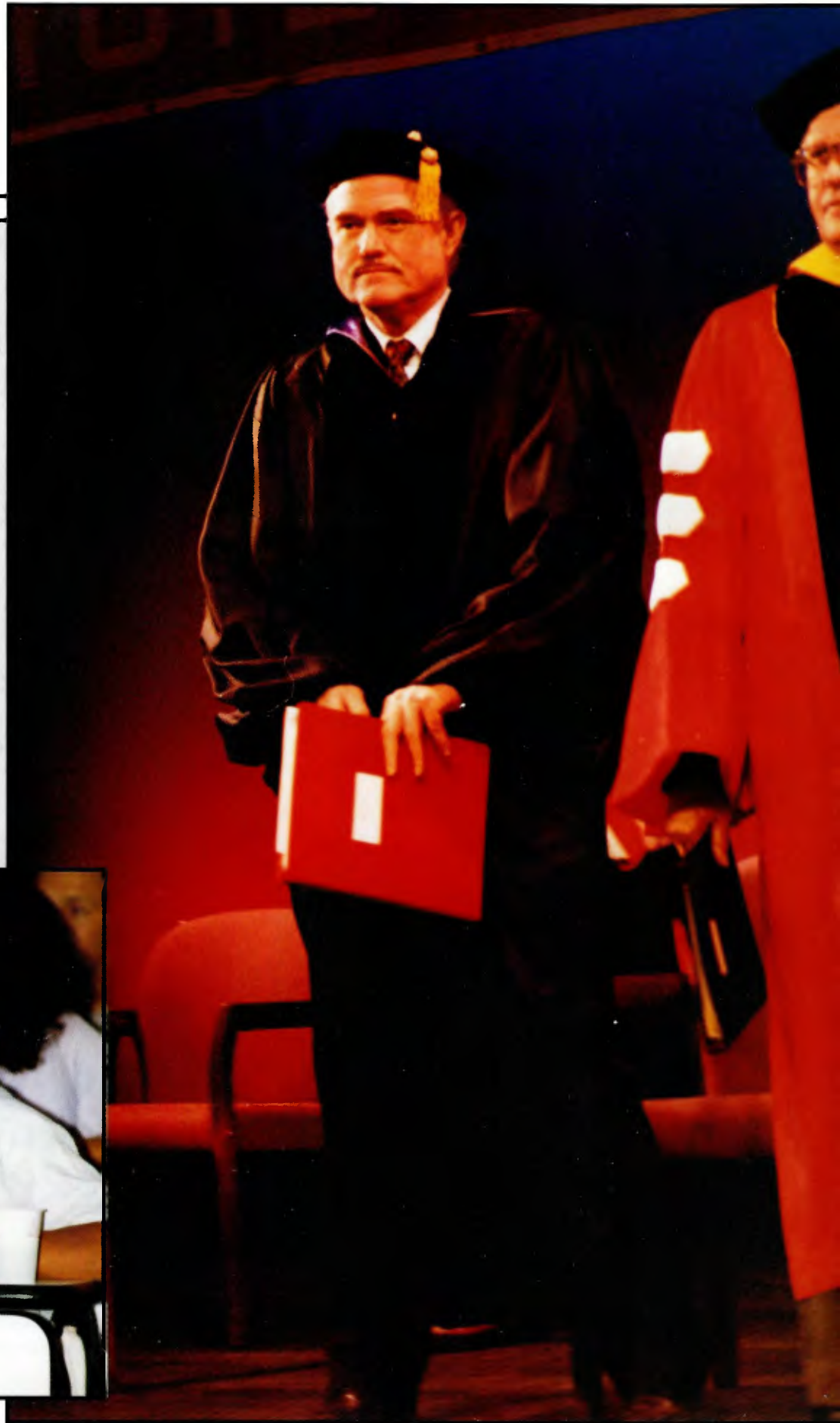


Typical concerns are sometimes diminished by the drive to excel as well as the opportunity to gain that competitive edge.

A strong unity is the best way to tackle student concerns. The Student Senate gives us the voice to make a difference.

The commencement address presented to the graduates by Provost Thomas at January Graduation.

Dedication and hard work often pay off. However, staying awake in lecture isn't always that easy.





Beginning With The Basics A Solid Foundation

Many Changes

Occurred, However The Goal Remained

The Same. With A More United

University Outlook, Students And

Administration Tackled Changes In The

Curriculum In Order To Successfully Build

A Program Which Helped In

Designing The Future

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The Future

Striving For Success Making The Grade

The Success Of

NJIT's Educational Programs And Facilities Have Ranked It
As One Of The Top Universities In The Country; Lending
Itself To A Superior Balance Of Academics And Athletics.
Whether On The Field Or In The Classroom, New Jersey
Tech Is Helping To Design The Future.

DESIGNING

The Future





Eileen focuses on defeating her opponent.

New Jersey Tech celebrates a goal against Manhattan.





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Student Life



Catching The Fever

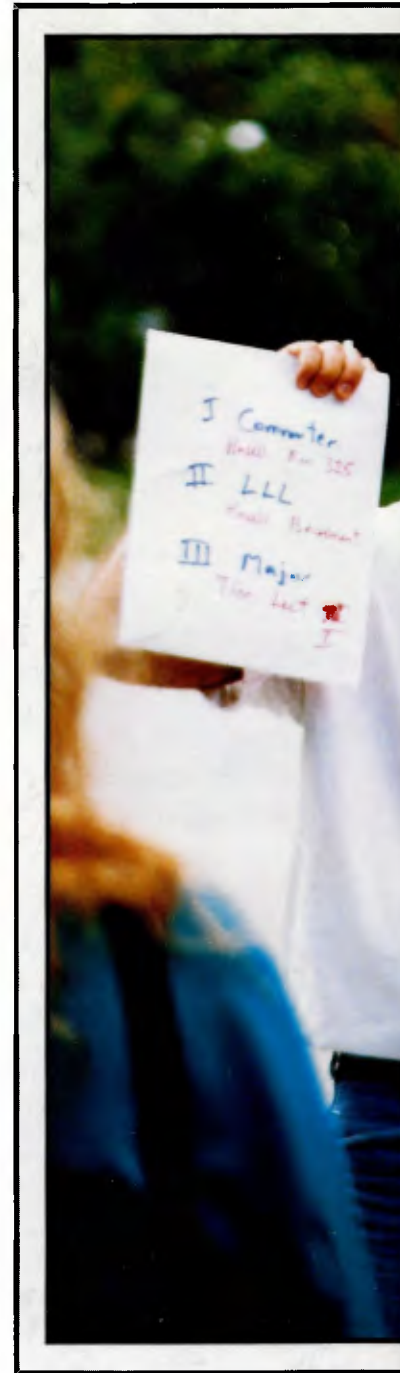
Fresh Outlooks

Getting Acquainted With NJIT



With a lot of fear and a little anticipation incoming Freshman discover what college life is really like. From wandering around the campus to waiting in line to take a shower, miniversity gives a sample of the upcoming college experience. Guided by upperclassmen, who passed down their knowledge and experience of years past, new students learn skills and shortcuts from those who proceeded them.

By Kimberly Lisle





Miniversity group leader directs on the next of the many events.



Registration for the classes was an important step in planning for the future.

Preparation and coordination are a must, two upperclassmen check that everything is going on schedule.

Dean Judy Valyo assists a student in selecting his first semesters schedule.





M I N I V E R S I T Y



Catch^{91°}
the
Fever



FOUNDATIONS FOR TOMORROW

Logo By Mark Budzyn

Active Membership

Reaching Out To The Masses



Educating seven thousand students regarding the various opportunities of membership in a student organization is one of the more challenging aspects of recruiting new members. Imagine live music, balloons, hot dogs, and fifty of NJIT's most active student organizations on The Green; all a part of this year's Student Activities Day. The goal of the day was to reach as many students as possible on the rewards of becoming involved.



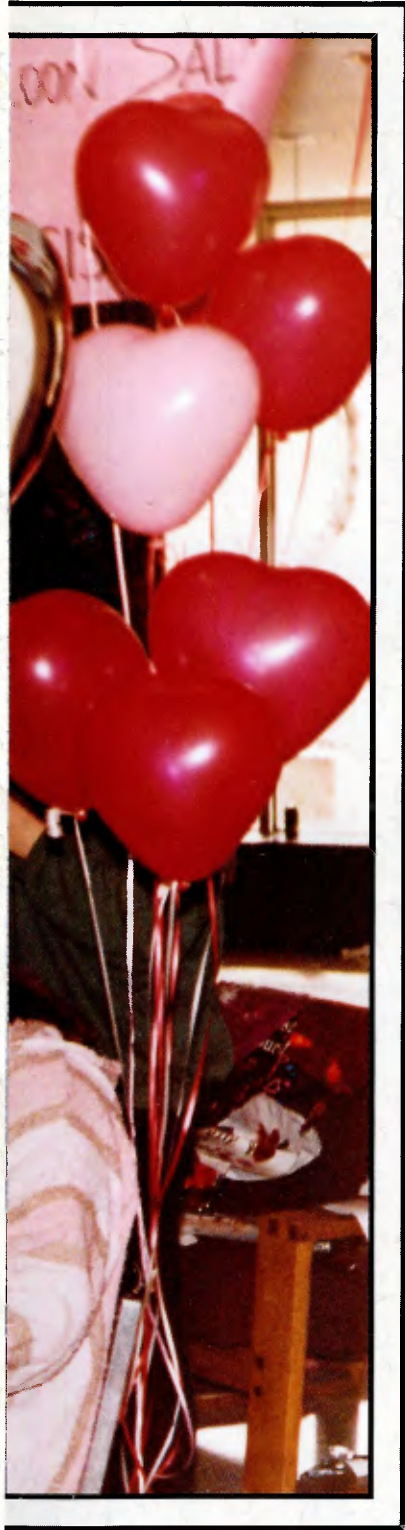


President Fenster discusses the importance of recycling.

Recycle Pete was on hand promoting recycling at Student Activities Day.







Greek Support

Focus On The Community



Who better to stimulate awareness of real issues and inspire support from the university population than the Greeks? Fraternities and Sororities alike lend a helping hand to the community at large through their active participation in charity fundraising and community service events. Along with their wide range of activities Greeks not only enliven our campus, but also provide valuable services to those in need. Some of their various activities include balloon sales, AIDS Walk-a-thon, and all night See-Saw Marathon; all which benefit their favorite philanthropies.

By Betty Larrea

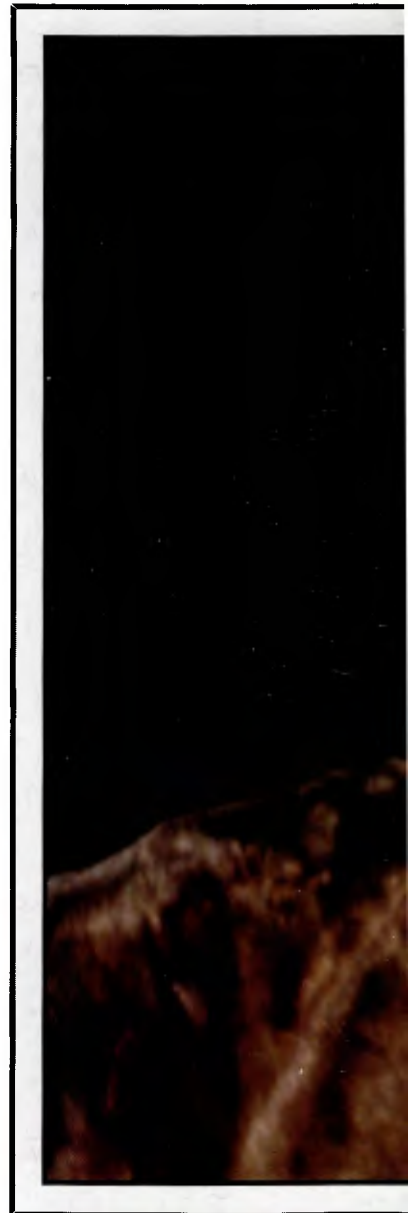
Masters Of Disguise

Childhood Days Recaptured



Where can one go for a spooky time on a dark October evening? Students, faculty, and other creatures of the night ventured beyond the "graveyard" door of the Hazell Center to discover a world of Halloween Madness. The Annual Campus Halloween Party was alive with music, dancing, food, and contests for all of those who dared to join in the festivities. Spirit was in the air as familiar faces became not-so-familiar behind outrageously creative disguises.

By Betty Larrea







The Pub distributed fliers on alcohol awareness as well as samples of non-alcoholic beer.





Consciousness Raised

Alcohol Vs. Non-Alcohol



How often can you be on campus, get served a beer or drink, and not get proofed? Well, once a year during Alcohol Awareness Day. The goal of this day is to provide information on the facts and risks of alcohol consumption. The Pub and Senior Class Committee jointly promote "fun without drinking" by serving non-alcoholic beer and mixed drinks. With their dedication and effort, these advocates generate a consciousness of the critical and health issues which go along with alcohol.



By Betty Larrea

Keys To Success

Degree Candidates



After four years of living and learning at NJIT, the time had come to move on to that next step. For most, it meant full time employment with companies of choice. Still others decided to continue their education and return to graduate school. Speeches attributed the keys to success to hard work and dedication. This was the topic for discussion as the candidates for Bachelor and Master degrees were conferred at the Commencement Exercises in January.





Friends share one last moment together before moving on.

Provost Thomas sends off the graduates as Alumni of NJIT.



Ski bums take time out to pose for a very quick picture. It's hard to stand still on ice.





Learn To Ski Weekend

Ski Bums Hit The Slopes



Would you pass up the opportunity to get away for the weekend and head for the slopes? The Graduate Student Association didn't think so. This year they hosted a "Learn to Ski" weekend to Vermont's Mount Snow. The trip was designed for first-time skiers, however, more advanced skiers used this opportunity to brush up on technique.

Getting Together

Sharing Laughter And Music



How often do you have the opportunity to get together with seventy-five of your closest friends, and just "hang out"? Well welcome to Senior Pub Night! Tonights' entertainment will include music by East is East, as well as a round of Name That Tune. Can you Name That Tune in less than one second? Well neither could anyone else. However, some did managed to identify the tune in less than two. The next show will bring the comedy of Rich Meyer, the one-man guitarist, to the stage. Are you ready for an all night sing-a-long?





He won his shirt by naming that tune in 2 seconds.



Rich Meyer poses for a quick picture during his rendition of an Eagles classic.







A Jump On Summer

Vacationing With Mickey



Made popular by the 60's movie "Where the Boys Are," the Sunshine State continues to draw the college faithfuls to take in the rays and escape the northern chill. The New Jersey Tech Girls Tennis Team plus a few extras accompanied Bob Moran to Cocoa Beach Florida for tennis 'practice' and pre-season tanning. An educational trip to Kennedy Space Center and a visit to see Mickey and his friends rounded out a vacation made for the young at heart and tan of body.

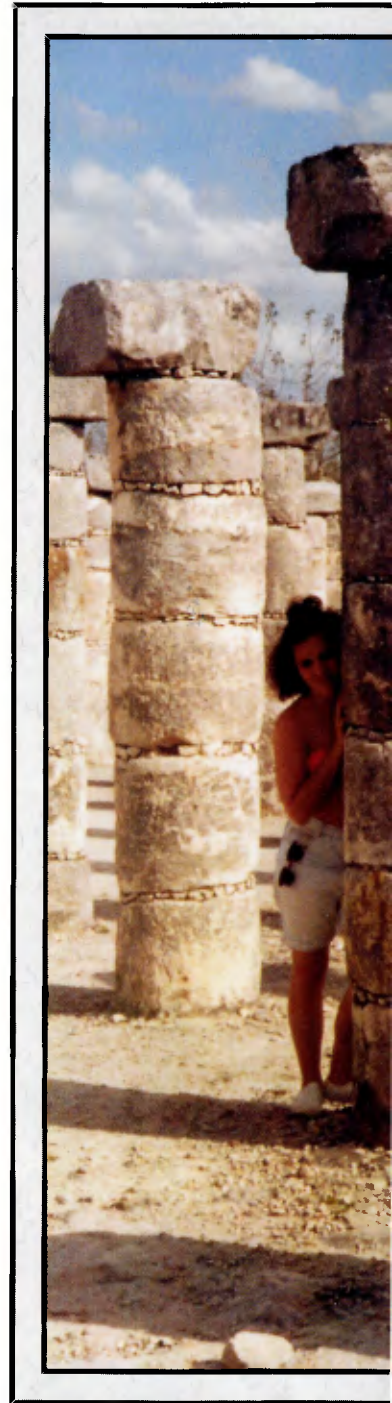
Rest And Relaxation

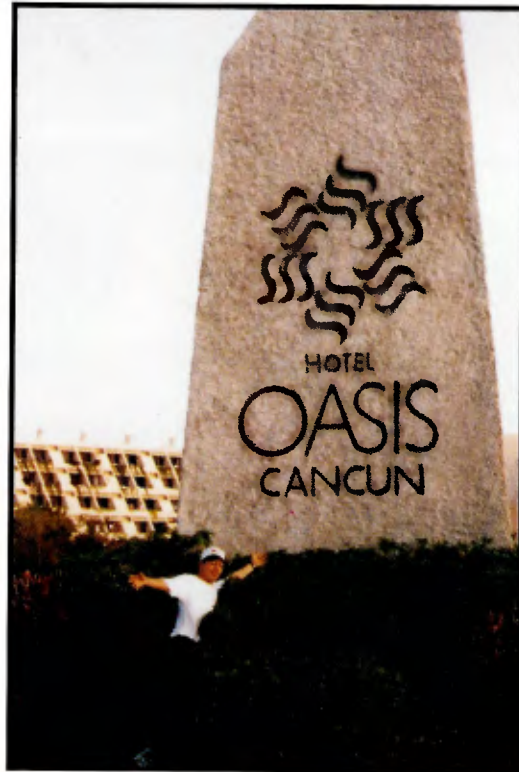
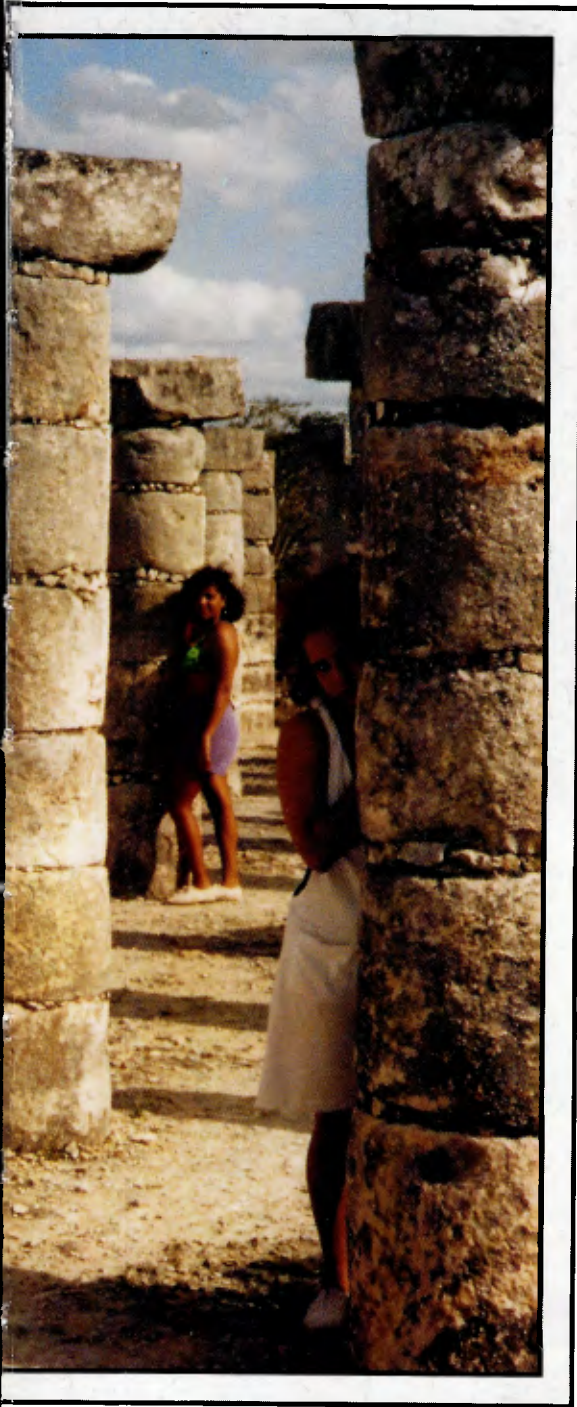
Across The Border



When the Continental United States doesn't provide enough distance from NJIT, Cancun Mexico presents a tropical alternative. This year Student Activities Council led a group of vacation ready students on an excursion of the ancient ruins and Gulf shores of Cancun.

Armed with the proper attire and sufficient medication for a sneak attack of Montezuma's Revenge, NJIT students toasted the beauty, charm and history of what is Mexico.









Uniting Cultures

A Multicultural Education



The World became a little closer, a lot more understanding and a good deal friendlier, as NJIT and Rutgers Newark celebrated World Week. Driven by the efforts of cultural organizations of both campuses and the Dean of Students Office, students and staff were exposed to multicultural activities and eatibles. Unique this year were small teach-in sessions on various topics, highlighted by the appearance of keynote speaker, Jesse Jackson Jr. . Games and a student fair rounded out the week's activities and brought the world a little closer; at least on both sides of Martin Luther King Blvd.

A Night Out

Sailing The Seven Seas



With the help of Senior Class Committee Members, helium balloons, and a few goldfish, NJIT held its 1992 Semi Formal in the spirit of the Seven Seas. The occasion was held aboard the U.S.S. Newark Radisson. The seas were calm as passengers indulged in dinner and dance. The unique theme added a special touch to the very special evening.







Couples enjoy the music and atmosphere of the evening.





NEW JERSEY INSTITUTE OF TECHNOLOGY

A♦N♦N♦U♦A♦L S♦P♦R♦I♦N♦G

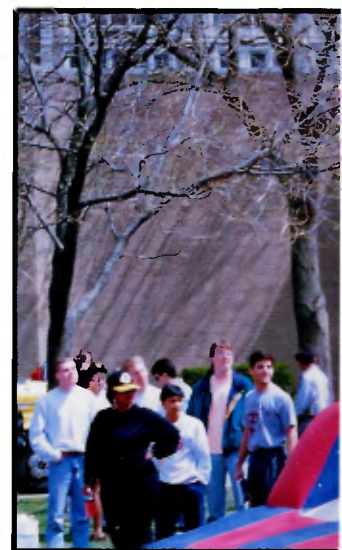
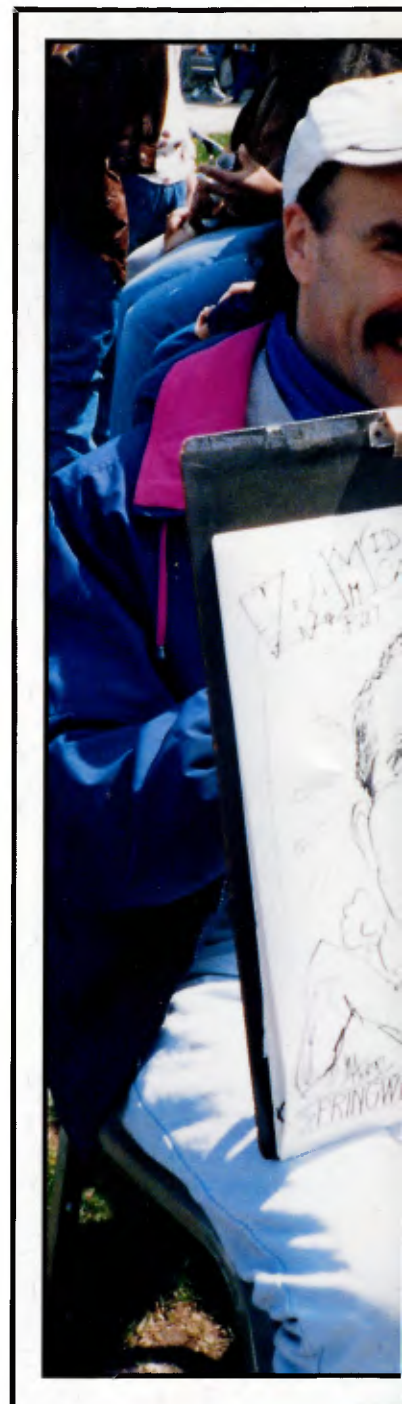
Semi-Formal

SAILING
the
HIGH SEAS

Spring Is In The Air



A Velcro Wall? Cartoon portraits, Miniature Golf, and a barbecue? This is hardly a way to prepare for finals. Despite the rush to the library and computer labs, students managed to take time out of their busy schedules to enjoy activities during this year's Spring Week. Spring Week comes at that perfect time of year when the campus is alive with the energy of Spring and the stress of cramming. If nothing else, the week reminded students that all work and no play makes Johnny a dull boy.









The Greek Games

In The Spirit Of Unity



It's not quite the Olympic Games, however, it does reflect upon Greek games of year's past; complete with togas and chariots. The entire Greek community of NJIT joined together for a week of competition and camaraderie towards assorted clothing covered with the appropriate Greek alphabet. Brothers and Sisters expressed their sense of familial pride throughout the week.



Amateur Night

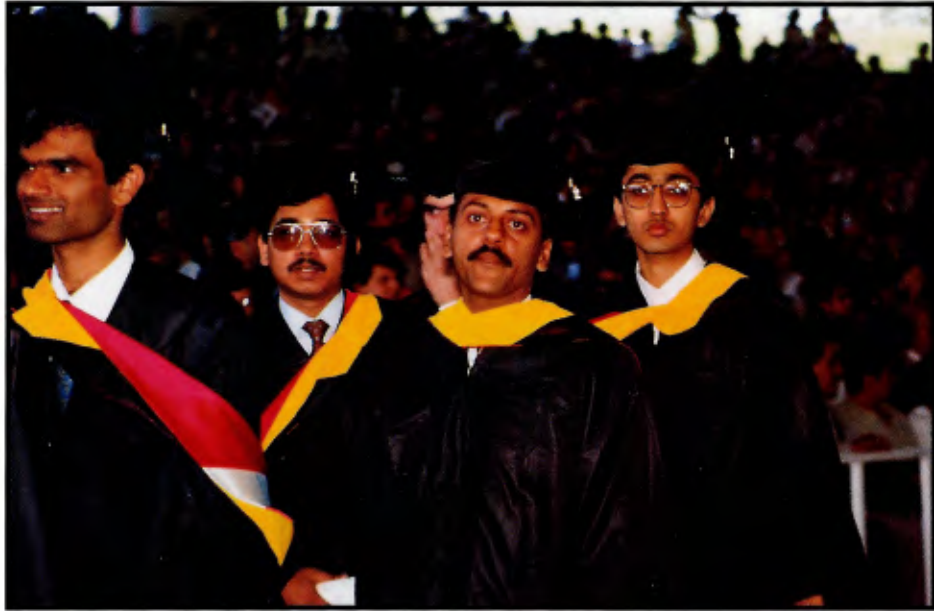
NJIT Unplugged

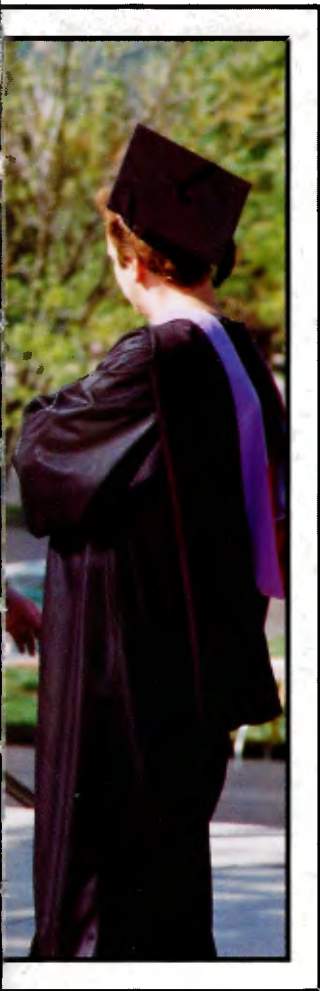


Under the guise of typical academics lies a musical culture club which until now has been relatively unexposed. To bring out these hidden talents, Resident Assistants got together and hosted their second Bohemian Night. Students had the stage to show off their musical passion. The students performed original numbers as well as demonstrated their versions of classics; becoming at least for one night, a star in the spotlight.









Conferring Of Degrees

A Walk Into The Future



The Graduating Class Of 1992





RetroSpect

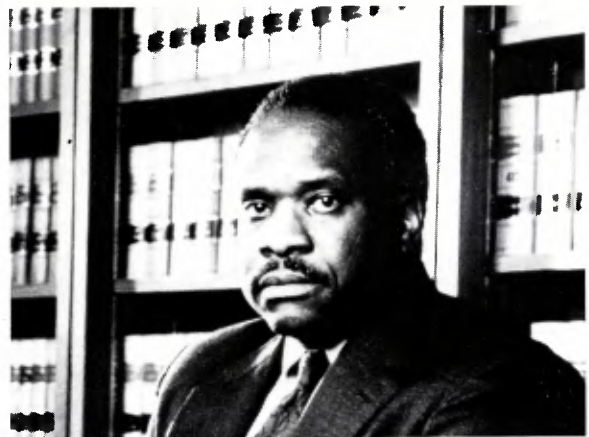
University...

The campus went through a big year for behind-the-scenes moves. Institute President Saul K. Fenster announced in February that the administration was exploring the possibility of an institute name-change; the Student Honor Code reached its final hurdle in the approval process; and the Middle States re-accreditation evaluation team left the campus with a "very positive" exit report in April. *Pages 49 through 51*



National...

The headlines went to Tyson and Noriega, but the real story across the nation was America's continued economic slump. AIDS again came into the spotlight as sports stars Magic Johnson and Arthur Ashe announced that they had contracted the disease; and Clarence Thomas was grudgingly approved to the Supreme Court. *Pages 52 through 53*



International...

The collapse of Communism led to a wave of unrest throughout Eastern Europe as democracy, nationalism, and violence swept throughout the nations once behind the "Iron Curtain." Freedom came to American hostages and to South African blacks as the long-awaited universal suffrage referendum was approved. *Pages 55 through 56*



RetroSpect page-design by Phyllis A. DeVos and Craig Garretson, Section Editors

Institute considering name change as 'university' standards relaxed

A new name for NiJIT?

Institute President Saul K. Fenster announced in February that NJIT was considering a name-change.

The university was originally founded in 1881 as 'Newark Technical School' until the 1930s, when it became 'Newark College of Engineering.' The school finally became 'NJIT' in 1976.

The name-change came about when the Board of Higher Education announced that its policy regarding 'university' status for state colleges would be relaxed.

Glassboro, Monmouth, Montclair, and Rider colleges may be adopting 'university' into their names, which could make NJIT, although it is already a state university, appear a weaker institution to applicants.

"On the one hand, do you want to upset almost twenty years of growth and identity as 'NJIT?'" asked President Fenster.

"On the other hand, we're probably the only institution — we and Stevens — that satisfies the Board of Higher Education's more stringent definition of a 'university'" that does not use the title in its formal name, he added.

The 'finalists' among the new names, should the school drop NJIT, include: New Jersey Institute of Technology and State University; New Jersey University of Science and Technology; New Jersey Technological University; and New Jersey University of Technology. — *Craig Garretson*



'Self-Serve Registration' comes to NJIT

In August '91, incoming freshmen became the first group of students in NJIT's history to self-register for their Fall classes.

In November, the entire student body had a chance to sample the thrill of signing up for classes completely via computer. The Computer Services Department worked on the system for a year before introducing it to the freshmen, who tried it out during Miniversity.

Approximately 60 percent of the student body self-registered for Spring '92. — *Michael P. Carvalho*

International computer virus runs rampant: *Michaelangelo!*

As predicted by experts, the computer virus 'Michaelangelo' struck IBM PCs and compatibles throughout the world on March 6.

A massive campus-wide eradication campaign, begun in February, uncovered nearly 400 computers infected with the virus.

NJIT became a local celebrity when WABC-TV and WNBC-TV came onto the campus to interview students and faculty about the virus and efforts to combat it.

"I cannot imagine what our researchers would do if they lost

all the data on their floppies and hard disks because of the Michaelangelo virus," said Tom Terry, Director of Computer Services.

"Since our networks cannot get infected, we use our networks to detect the virus in the students's disks and to get rid of them," explained Ken Danielsen of Computer Services.

After the "viruscide" effort, only one computer was reported as being affected on campus.

— Miguel A. Gonzalez

Student Honor Code reaches final hurdle to implementation

The proposed Student Honor Code reached its final hurdle in March after being approved by both the Student Senate and the Committee on Academic Affairs.

The Senate agreed on a final draft of the proposed Code in February and submitted the document to the Committee in March, which responded with a "vote of encouragement."

The document was then presented to the Faculty Counsel, the final step in the approval process.

If the Faculty Counsel approved the plan as is, it could go into effect next semester.

"It is an excellent document," said Dr. Connie Murray, dean of students. "It really addresses all of the constituents involved, including both students and faculty. I was very impressed and very pleasantly surprised."

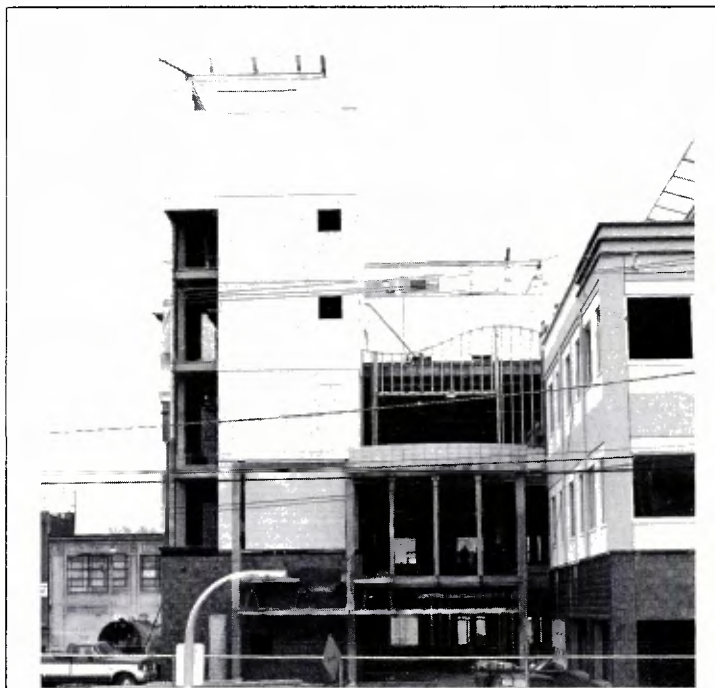
NJIT's proposed honor code is based on similar systems at Stevens Institute of Technology and CalTech.

The process began in Fall '90 with a petition, begun by the Student Senate's Ed Tyerman, calling for a Student Honor Code. The Senate formed an Honor Code Committee, which began researching other honor codes and to actually draft the document.

Vanessa Mazza, last year's committee chairperson, and Vinnie Ranad, this year's chairperson, and members Kerri Bahnken, Rick Mohring, Rob Svetz, Ed Tyerman, and Amy Whitescarver came up with an honor code and a formal process for dealing with cheating cases.

Should the draft be accepted by the Counsel, all students now attending NJIT will sign an agreement accepting the honor code. Once all current students have agreed to abide by the document, the university will require acceptance of the honor code of all incoming students.

— Phyllis A. DeVos



Central Avenue project on-target for Fall

The new library and School of Industrial Management building was right on schedule for completion before the start of the Fall '92 semester as classes ended in May, 1992.

The \$13.3 million facility received its funding from the Jobs, Education, and Competitiveness Bond Act of 1988.

The 81,000 square-foot structure will house SIM, the Admissions Office, and the new library.

— Michael P. Carvalho

Female guest allegedly assaulted in Cypress Hall

A female guest attending a party in Cypress Hall was allegedly sexually assaulted by an NJIT student on Monday, Jan. 27.

The attack occurred between 11 and 11:30 pm, the victim asserted, after she left the residence hall room the party was being held in and her alleged attacker followed her out.

According to a statement released by the administration, the

victim was treated at United Hospitals Medical Center in Newark and was released. She filed a formal complaint with Public Safety the next morning at 5:15 am, and the suspect was arrested at 11:05 am that morning.

The suspect was then turned over to Newark Police for arraignment; he was released on Jan. 29 without releasing a statement.

— Craig Garretson

Food-service contractors bidding to operate cafeteria

The university began taking bids from outside food-services this semester to operate the NJIT cafeteria, and contacted Rutgers-Newark about the possibility of sharing cafeteria services, reported Dr. Helen Matusow-Ayres, associate dean of students. She added that the institute has not yet ruled out keeping its current self-run food service, however.

Matusow-Ayres, chairperson of the Food Service Committee, explained

that the committee had been "considering the possibility for over a year" of switching to an outside contractor.

She said that the committee's two greatest concerns were: service to the students being the first, and that the current food-service employees are given an opportunity to keep their jobs.

"We're not just going to turn them out into the street."

— Craig Garretson

Dean of Students suspends fraternity after alleged hazing

The Dean of Students office announced in January that a national fraternity had been suspended for the Spring 1992 semester after an alleged hazing incident occurred at their house on Friday, Dec. 6, 1991.

The fraternity was suspended after one of their pledges apparently had a seizure while being subjected to physical and psychological duress. The pledge was admitted to St. Michael's Medical Center for what appeared to be a "life-threatening" seizure.

Dr. Connie Murray, dean of students, explained that St. Michael's informed NJIT Public Safety of the incident, which in turn contacted her.

"The student could have died if he had vomited," said Murray. "We are in favor of St. Michael's contacting the school whenever

one of our students may have been hurt."

Murray stated that she discussed the incident "at length" with Scott Nathanson, assistant director of Greek Life, and Dr. Helen Matusow-Ayres, associate dean of students, and decided to suspend the fraternity for the semester.

While suspended, the brothers cannot participate in 'rush' activities or pledge new members; they cannot participate in IFSC or intramural sports as a fraternity or on teams on which over half of the members are brothers; and they cannot announce or advertise fraternity activities on campus.

In May 1992, Murray, Nathanson, and Matusow-Ayres were to meet and re-evaluate the fraternity's status.

— Michael P. Carvalho

Student leaders hailed for excellence at second Leadership Awards

NJIT's student leaders were honored at the second annual Student Leadership Awards, held on Wednesday, May 6.

President Saul Fenster, Dean Connie Murray, and other administrators were present to confer certificates, plaques, and praise onto those students who have dedicated their time and energy into NJIT's extra-curricular activities.

Receiving the prestigious President's Award were Sherry Miller and Ivan Nevarez. The Peter Small Award was conferred onto Carla Jones.

Honored with the Dean's Award were Mona Samra (freshman), Cory Cruz (sophomore), Phyllis A. DeVos (junior), Chris DeAndieak (senior), and Derek Smith (graduate). Cleon Hargrove (junior) and Suzanne Mena (senior) received honorable mentions.

For the first time, peer counselors from the university's Stop-in Center were awarded for their contributions to the community. Bob

Hewitt received the Outstanding Leadership award, and Hasan Shouif and Eric Johnson were recognized with Outstanding Contributions awards.

Sigma Pi received the certificate for Highest Fraternity GPA, with a 2.60, and Delta Phi Epsilon was lauded for Highest Sorority GPA (2.85). Iota Kappa Phi received the Community Service Award.

Receiving Organizational Awards of Excellence were the National Society of Black Engineers (NSBE), named Most Active Club/Organization, and the Association of Indian Students (AIS), Most Improved Club/Organization.

Also recognized were this year's *Who's Who Among Students in American Universities and Colleges* selections: Ivan Gonzalez, Laurel Hanesian, John Lyssikatos, Chris Peckham, Christina Sun, and Edward Tyerman.

— Craig Garretson

NJIT: Beyond the borders of Newark

The NJIT campus has begun to expand outside of University Heights. Extension programs have carried NJIT's programs to Brookdale Community College, Mercer County College, and Drew University.

The "campus" expanded yet again when funding was approved for the construction of a Technology Education Center at Burlington County College in Mt. Laurel, NJ.

In January, NJIT received the over \$8 million in funding from the Jobs, Education and Competitiveness Bond Fund.

NJIT undergrad degrees are offered through BCC in electrical, computer, and industrial engineering; degrees in mechanical and civil engineering will also be offered, with BCC providing the lower-level courses.

Students can also earn NJIT Master's degrees through BCC in electrical engineering and industrial management.

— Phyllis A. DeVos



The New York Stock Exchange continued to hit new highs. Not long after school began in 1991, the market was closing over 3,000 on a regular basis. The US was still in a recession, but the US stock market continued to move to new heights. (Photo courtesy of RM Photo Service Inc.)

Noriega drug trial comes to a close

One of the most famous trials of the year began in September as drug trafficking charges were brought against Panamanian leader General Manuel Noriega.

The trial, which lasted over 32 weeks, was marked with testimony which placed Noriega at the center of a multi-million dollar drug trade.

In a landmark verdict, the former leader of Panama, was found guilty of eight counts of cocaine trafficking, racketeering, and

money laundering.

The decision marked the first time in American history that a jury has convicted a foreign head of state of criminal charges.

Noriega surrendered to US forces after the American invasion of Panama and was brought to the US to face charges of taking bribes from Colombian cocaine dealers to allow drug shipments through Panama.

— Phyllis A. DeVos

Beloved author leaves behind a legacy of light-hearted learning

In one of the saddest pieces of news affecting the US during the 1991-1992 school year was the death of Dr. Seuss. Suffering from an infection in his jawbone, Theodor Seuss Geisel died in his sleep in October.

The internationally-renowned author will forever be remembered for his classic stories and colorful characters, the most famous of which were *The Cat in the Hat*, *How the Grinch Stole Christmas*, and *Green Eggs and Ham*.

Seuss' career started in 1937 when his story *And to Think I Saw it On Mulberry Street* appeared.

His career spanned over 40 years with stories like *Horton Hatches the Egg*, 1940; *Yertle the Turtle*, 1958; *One Fish Two Fish Red Fish Blue Fish*, 1960; *Fox in Socks*, 1965; *Mr. Brown Can Moo, Can You*, 1970; and most recently *The Butter Battle Book*, which was published in 1984.

— Phyllis A. DeVos



(Photo courtesy of RM Photo Service, Inc.)

Thomas appointed to Supreme Court after weeks of controversy

President Bush began his push for the appointment of Clarence Thomas in September. The appointment, however, did not go without opposition.

Thomas' first obstacle was a controversial television commercial in which three Democratic Senators, Joseph Biden, Jr., Edward M. Kennedy, and Alan Cranston were harshly attacked. The commercial was taken off the air immediately.

Following the settlement of the commercial controversy the hearings began. Thomas faced hours of questions, and once again controversy surrounded him. Thomas' morality was questioned when he told the Senate Judiciary Committee that he believes in an American's constitutional right to privacy, but he declined to say

whether or not he believed the Constitution protects a woman's right to an abortion.

Just days before the hearings were to conclude, Thomas met with yet another problem. Anita F. Hill, a law professor who worked for two years as Thomas' personal assistant charged Thomas with sexual harassment. The allegations added to the uncertainty that had already been a turbulent nomination and the hearings continued, this time focusing on Hill.

Once the hearings were over, the Senate Judiciary Committee deliberated for approximately one week. It was finally decided that Thomas' nomination would be accepted. Thomas was sworn in on October 19, 1991.

— Phyllis A. DeVos

AIDS virus rocks the sports world

The year was marked by dramatic announcements from two of American's most famous and renowned athletes.

Early in the school year Magic Johnson announced that he had contracted the AIDS virus. At the end of the year, in April, tennis star Arthur Ashe announced that he, too, was suffering from AIDS.

In November, basketball star Earvin "Magic" Johnson, announced publicly that he was diagnosed as HIV positive, and tearfully said good-bye to the game after 12 seasons.

In his announcement, Johnson pledged to use his fame to help educate Americans, especially young people, about AIDS and the virus that causes it.

Johnson made his final professional appearance on the court at the 1992 NBA All-Star Game. Johnson, one of the most popular

and accomplished players in the game of basketball, joined his friends one last time and was honored by being named the game's MVP.

In April, Arthur Ashe, the former US Open and Wimbledon champion, announced that he had contracted AIDS from a blood transfusion.

He went on to say that he had known about his condition for more than three years. Although several close friends had already known about his condition, it was not until Ashe learned that a newspaper was preparing an article about it that he decided to disclose his illness publicly.

Ashe told reporters at a news conference that doctors informed him that he had the disease after he underwent brain surgery in 1988.

— Phyllis A. DeVos

Tyson defeated in toughest fight yet

Mike Tyson, who has often been accused of being insensitive toward women, faced his toughest opponent this year when he was accused by a Miss Black America contestant of rape. The teenager said that Tyson had lured her to his hotel room and overpowered her.

Attorneys in the rape trial announced to perspective jurors that the key to their case would be whether or not Tyson's teenage accuser ever said "no" to Tyson, while the prosecution maintained that "no" means "no" and that a woman is in charge of her body at all times. When that control is taken away, it is rape.

Just weeks after the opening arguments, the jury found Tyson guilty of one count of rape and two counts of criminal deviate conduct. A month after the jury's decision, he was sentenced to 10 years in prison. The judge, however, suspended the last four years which meant Tyson will spend no more than six years behind bars. With time off for good behavior, Tyson is likely to be freed in three years, cutting his prison term in half.

— Phyllis A. DeVos

Collapse of Communism leads to unrest throughout Eastern Europe

Croats and Serbs battle in war-torn Yugoslavia



In September, the first wave of officials of the European Community arrived in Belgrade to advance a peace plan accepted by Croatia and Serbia. The plan called for teams of foreign advisors to monitor a cease fire.

However, even as they prepared for their peace talks, renewed clashes between the Croats and ethnic Serbs in at least two rural towns in Croatia were reported.

Despite peace plans, renewed fighting across the secessionist republic of Croatia began again in November as Croatia militiamen fought bitterly to stall a Serbian rebel offensive backed by the federal army. The new outbreak followed only two days after Yugoslavian leaders signed a cease fire agreement.

Another cease fire agreement was signed on April 14, but it was broken by Serbian and Yugoslavian forces once more by launching an attack into Bosnia, a region populated mainly by Muslim Slavs. The UN immediately called on Serbian leaders in Belgrade to halt the fighting, however, continued reports of scattered fighting throughout the republic.

The crumbling of Communism's powerful cement, the emergence of pro-democracy forces, and century-old ethnic rivalries erupted into Civil War in Yugoslavia as the republics of Croatia and Slovenia declared their independence from the federation in June, 1991. (Photo courtesy of RM Photo Service, Inc.)

Democracy born out of ruins of Soviet Union

As the school year opened, various republics from the Soviet Union were joining together in a mass exodus from the dissolving Soviet Union, the nation's legislature set the scene for a critical debate by the Congress of People's Deputies on a new system of government after the collapse of Communist authority.

Of the most publicized secessions, such as Latvia, Estonia, Moldavia, and Armenia, Lithuania was marked with the most uprisings. In September, Lithuania began the first steps towards inde-

pendence and stability. Leaders began dismantling the Soviet state that was imposed and replacing it with a new political and economic system. Among the most profound changes were that each individual must now assume responsibility for their own lives because there is no more collective society. Also, a modern political system in which everyone participates was developed. This meant overcoming the apathy that was built over the long years of Soviet Rule.

Shortly after, the Soviet congress ceded power. The vote to

cede recognized the reality of the collapsing union.

In the most public affirmation of the shattering of the Soviet Union and end to the Cold War, the General Assembled of the United Nations welcomed eight former Soviet republics as new UN members in March. The eight ex-Soviet states applied for UN membership after the failed coup attempt in August, 1991. The new members include Kazakhstan, Armenia, Azerbaijan, Kyrgyzstan, Moldavia, Turkmenistan, and Uzbekistan.

— Phyllis A. DeVos

— Phyllis A. DeVos

Freedom comes to South Africa

Last step to universal suffrage passed

At the start of the school year, plans for Universal Voting Rights began in South Africa, a country gripped by apartheid since its inception.

A new constitution that would provide universal suffrage for the first time in the history of South Africa was introduced. The plan called for a collective council that would replace the office of president.

After months of difficult negotiations, South Africa's two main black political groups and the Government agreed on a comprehensive peace plan designed to end factional violence. In addition to the two main political groups, twenty other smaller, anti-

apartheid groups also signed the accord.

In April, South African president, F.W. de Klerk visited Nigeria. The visit marked the first time a South African head of state has gone to Africa's most populous and wealthiest nation.

de Klerk flew into the newly established capital at the invitation of President Ibrahim Babangida, to make a gesture of peace following the South African vote in a referendum to support de Klerk's efforts to abolish the nation's apartheid system of strict racial segregation and pursue negotiations to grant South Africa's black majority a share of power.

— Phyllis A. DeVos

Western hostages released as Middle East tensions ease

This year marked a surprising turn around in the relations between the Middle East and the West.

The first of these turnarounds came when British hostage Jack Mann was released from his captors in Beirut. Mann, 77, was being held since May 12, 1989.

Following Mann's release a chance for another swap was set into motion again when a United Nations office in Beirut said an American hostage would be freed.

At the same time, Israel was also reportedly prepared to release

Arab prisoners held by the Israeli militia.

In October, Jesse Turner was released after five years in Lebanon.

In December, the last of the American hostages, Terry Anderson, was freed by captors in Beirut. After nearly seven years of captivity, Anderson, 44, was the longest held hostage. Anderson was the chief Middle East correspondent for the Associated Press when he was seized in Beirut on March 16, 1985.

— Phyllis A. DeVos



These huge oil fires in Kuwait took millions of dollars and months of dangerous work to finally get under control.

(Photo courtesy of RM Photo Service, Inc.)

Saddam's environmental war: Effects of Iraqi sabotage continues to plague Kuwait

Less than eight months after Kuwaiti oil wells were set ablaze by withdrawing Iraqi troops, causing one of the world's great environmental catastrophes, Kuwait reported that most of the fires had been put out.

Smoke belched from the burning wells for months afterward, leaving a huge cloud of smoke that swept from Kuwait clear to the Arabian Sea — the equivalent distance of Manhattan to the tip of Florida.

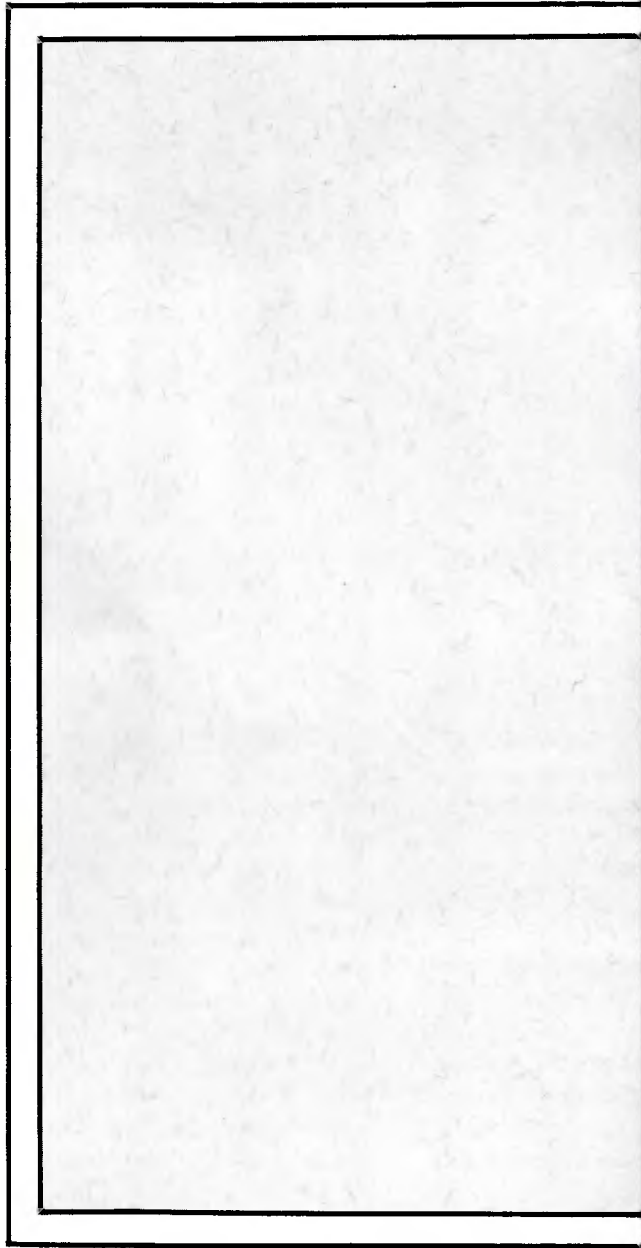
More than 700 wells were sabotaged and over \$1 billion was spent to fix the mess.

Although the original clean-up prediction was two years and sev-

eral billion dollars, as of October only 87 were left. The fires were being put out at a rate of two to three each day. The entire project was completed before the end of the year.

Even though the fires had been put out, in April a new environmental hazard of unknown proportions is spilling into the desert sands of Kuwait. Although the 752 wells that had been opened and set on fire were extinguished, they are now releasing huge lakes of oil, more than half-a-mile wide, a mile long, and two-to-three feet deep.

— Phyllis A. DeVos



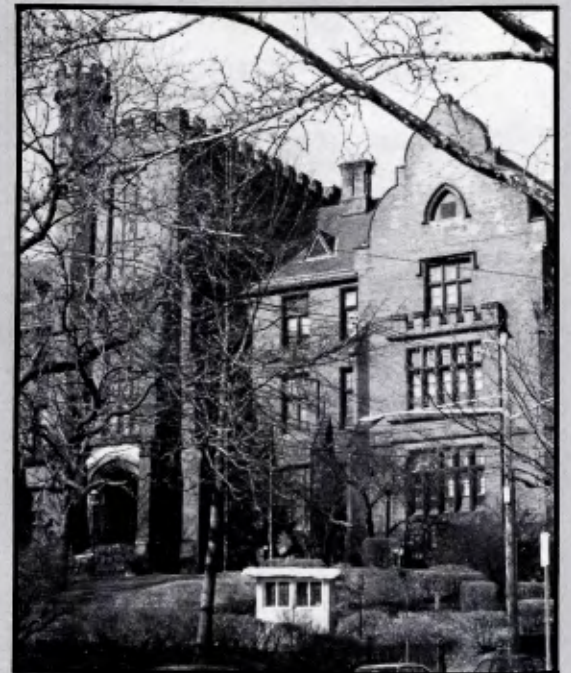
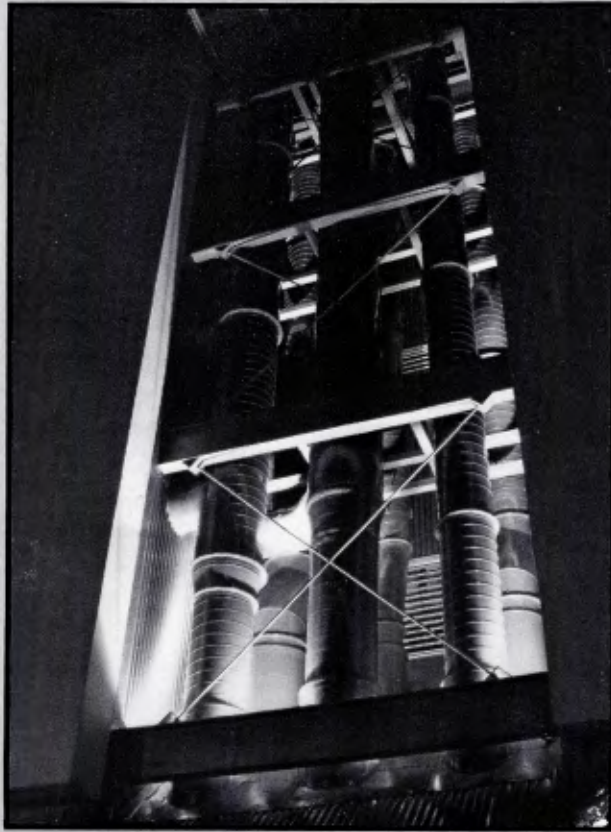
DESIGNING

The Future

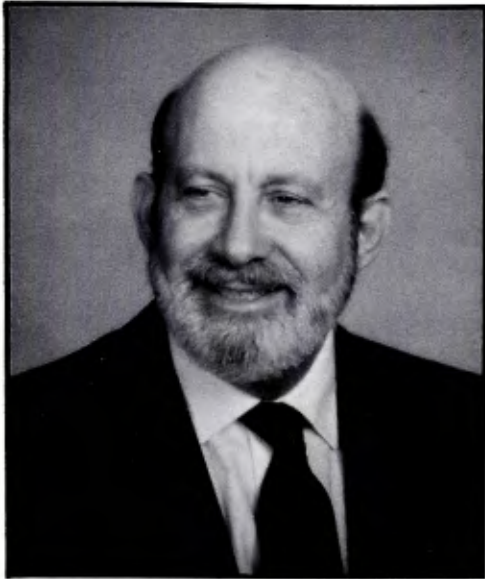
Academics



Designing Curriculum



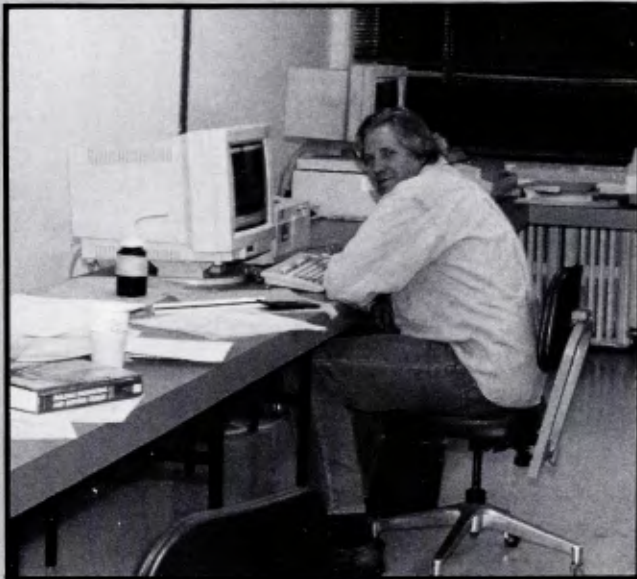
College Of Engineering



Dean
George Pincus

The College of Engineering offers students an opportunity to choose a major in a multitude of engineering fields. From Civil and Environmental engineering to Electrical engineering. The curriculum prepares the students for professional careers as engineers working for the State, Federal, and Private institutions.



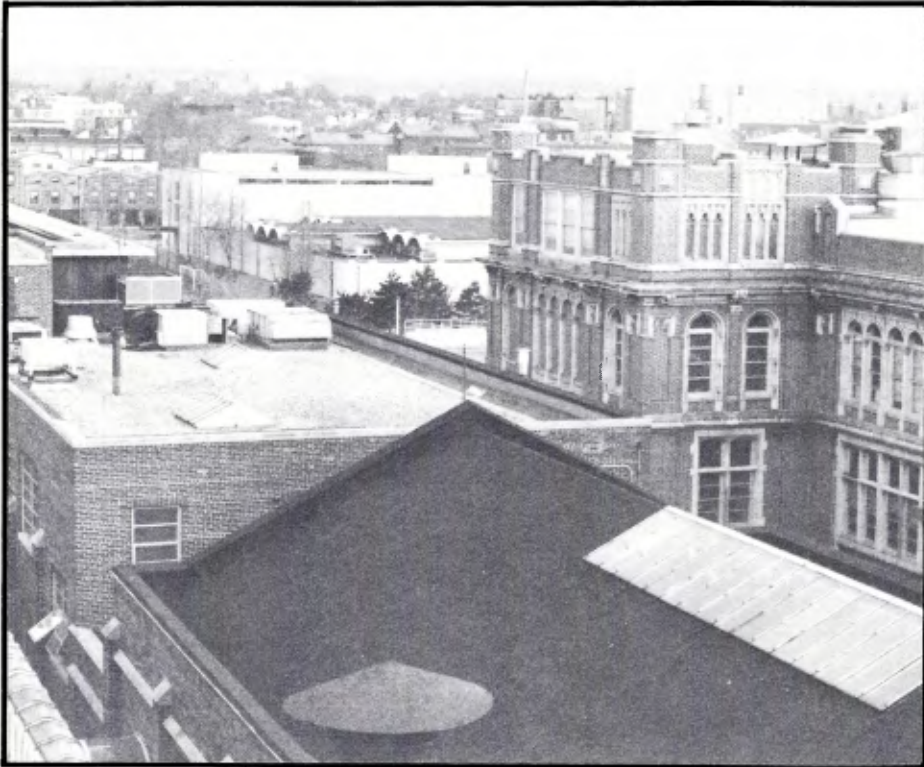


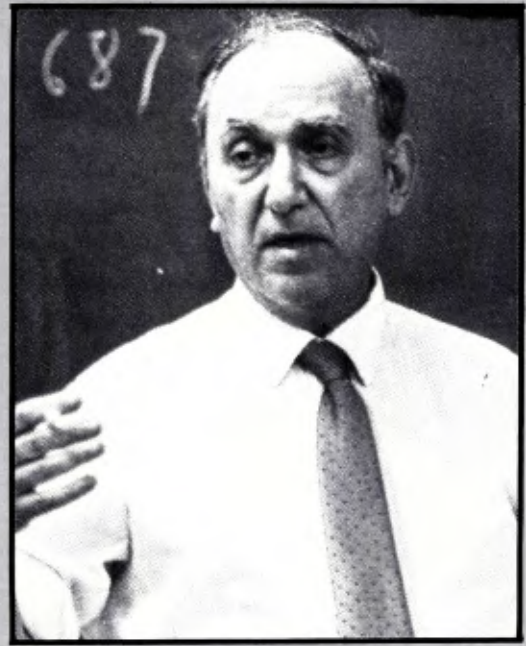
School Of Architecture



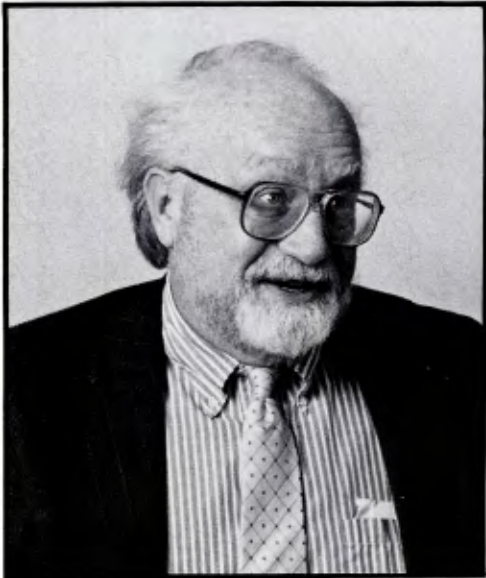
Dean
Urs Gauchat

The School of Architecture seeks to educate students to assume positions of responsibility and leadership in the Architectural profession, and in the developing areas of opportunity in technology and community design related to the discipline of Architecture. An emphasis on studio design in the curriculum is reinforced by courses in history, building science and social concerns.





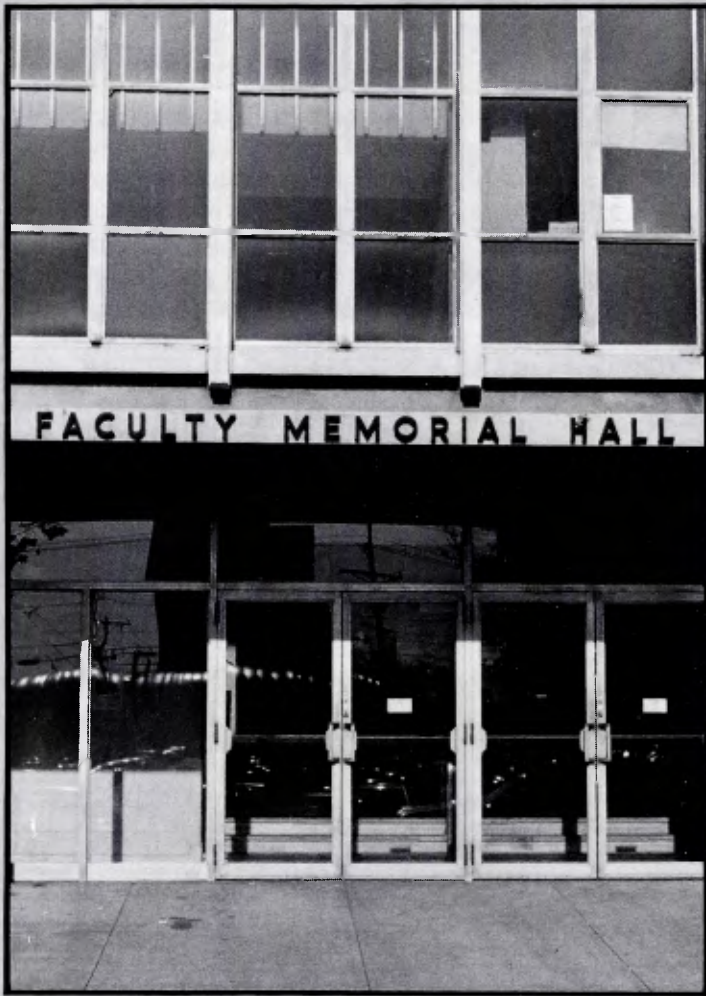
Science And Liberal Arts



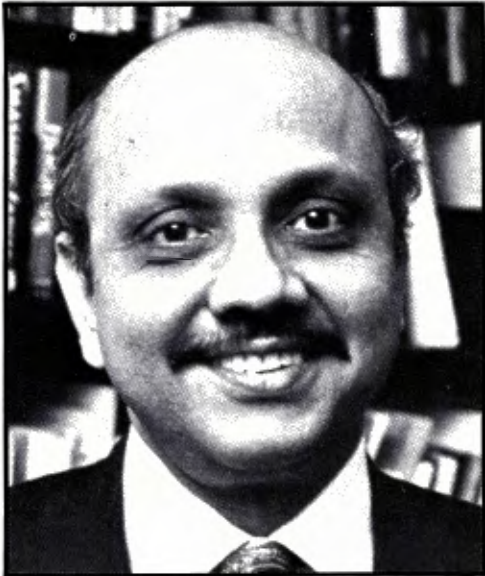
Dean
John Opie

The College of Science and Liberal Arts brings to the University a spectrum of curriculum which complements the technical programs with Humanity and Computer literacy courses giving the students background in more general fields.





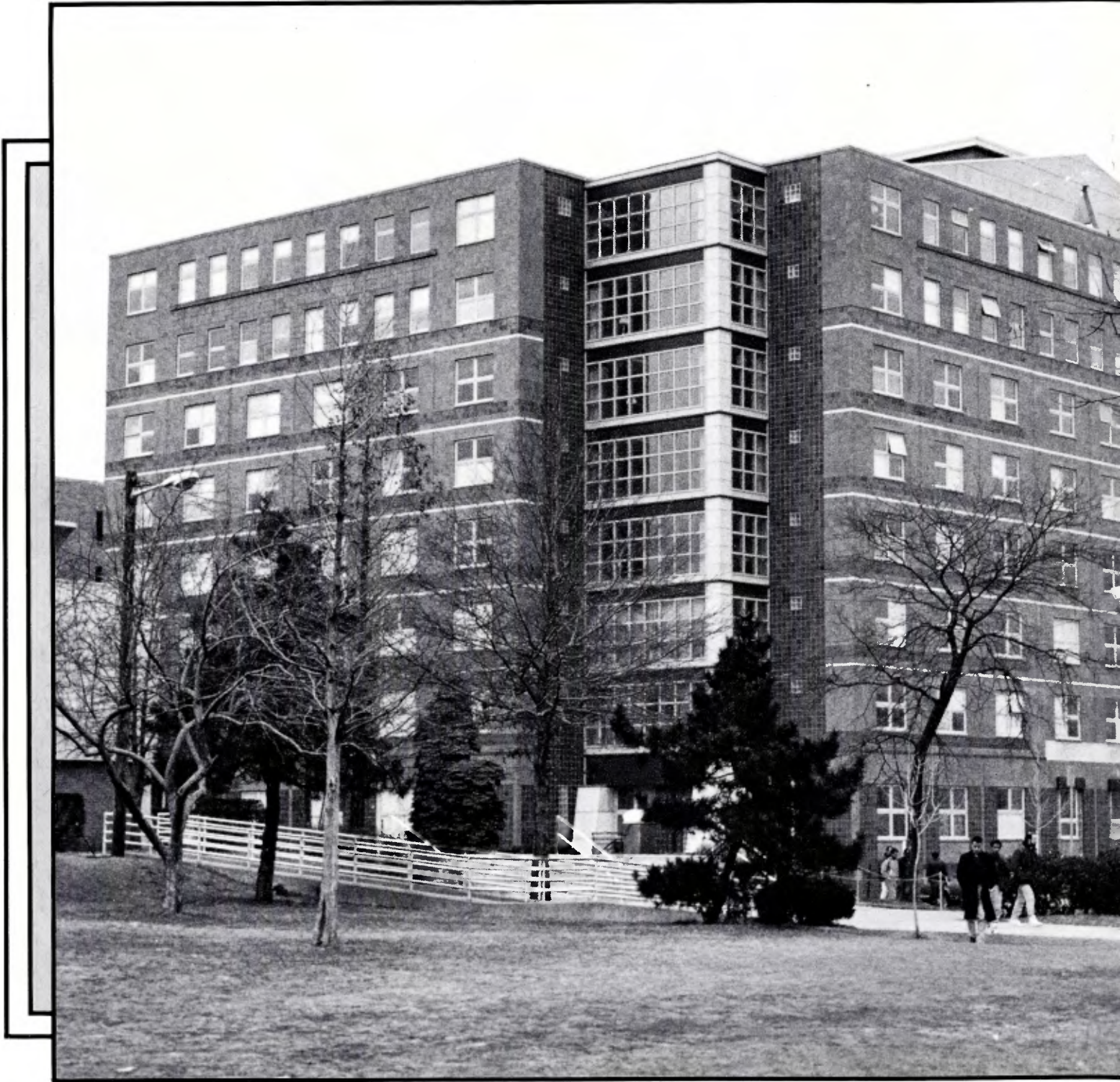
Industrial Management



Dean
Alok Chakrabarti

The School of Industrial Management offers students a wide variety of courses in management education as well as leadership qualities. This new addition to NJIT will foster an unprecedented opportunity for advances in contemporary forms of management education.





DESIGNING

The Future

Residence Life



Building A Community





Redwood Hall
Resident Assistants



Cypress Hall
Resident Assistants



Oak Hall
Resident Assistants

Residence Life

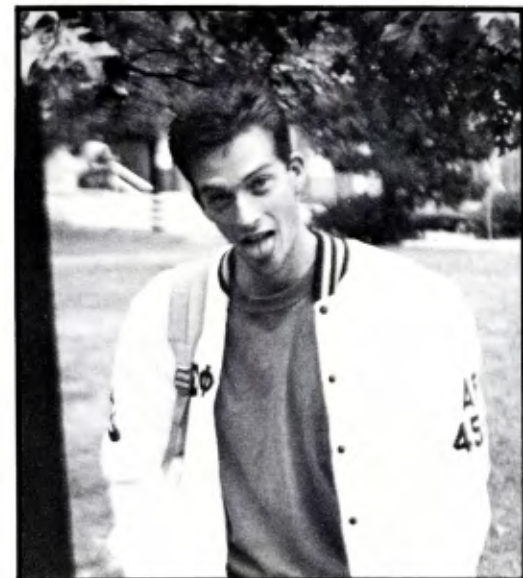
Living And Learning At NJIT



Jay Hodshon
Supervisor; Redwood Hall
Bridget Jackson
Supervisor; Cypress Hall
Maria Fater
Supervisor; Oak Hall
Ralph Choonoo
Director of Residence Life

Life Away At College

Developing The Comfort Of Community





Educational Opportunity Program



Summer 1991



At New Jersey Institute of Technology, it is the Educational Opportunity Program (EOP) that provides comprehensive educational and support services to disadvantaged students. Founded in 1968 as the Engineering Opportunity Program, EOP at NJIT is considered a national leader among technologically oriented enrichment programs at the university level.



Today, the program is known as the Educational Opportunity Program—a reflection of the wide range of study open to EOP students. EOP continues to prepare engineers, but now degrees in architecture, mathematics, chemistry, physics, computer science, management, and statistics and actuarial science also are part of the program. There is even a major called science, technology and society, which is designed to give students an understanding of how technology affects the world and its people.



Each year, approximately 550 NJIT students participate in EOP while progressing toward their careers. EOP students study in all of NJIT's four academic units: Newark College of Engineering, the College of Science and Liberal Arts, the School of Architecture, and the School of Industrial Management.



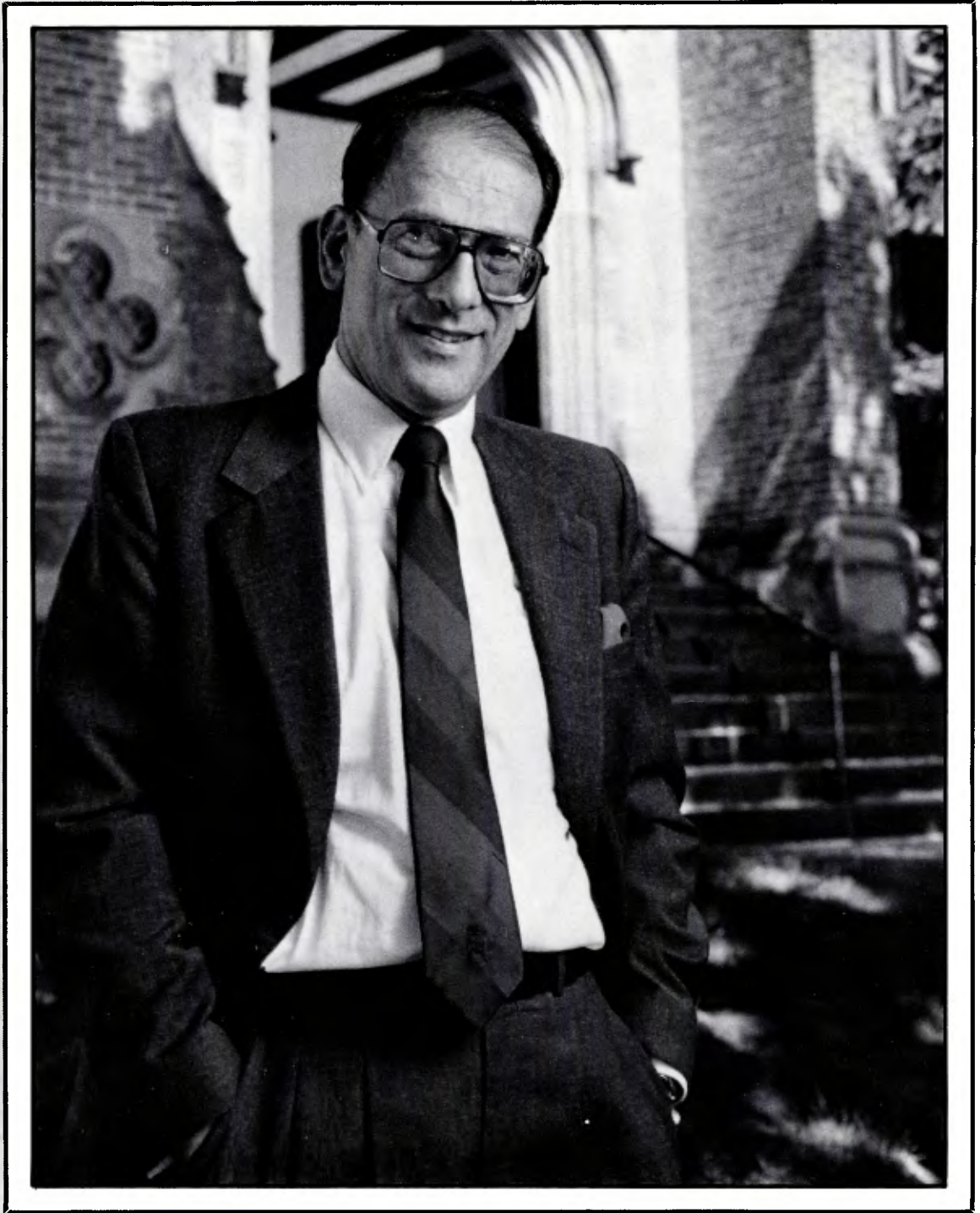
DESIGNING

The Future

Administration



Leading The Way . . .



Talk From The Top

President Saul K. Fenster

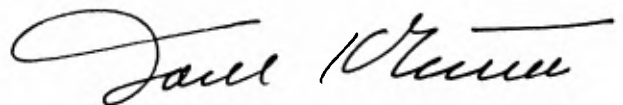
It is with great pride and pleasure that I offer my congratulations and best wishes to the class of 1992. I have confidence that you are well prepared and keenly motivated to contribute in a significant way not only to improvement in your own lives and those of your families, but to societal betterment as well. In a real sense, you are the designers of tomorrow, and I am particularly pleased that you have chosen *design* as the theme of this yearbook.

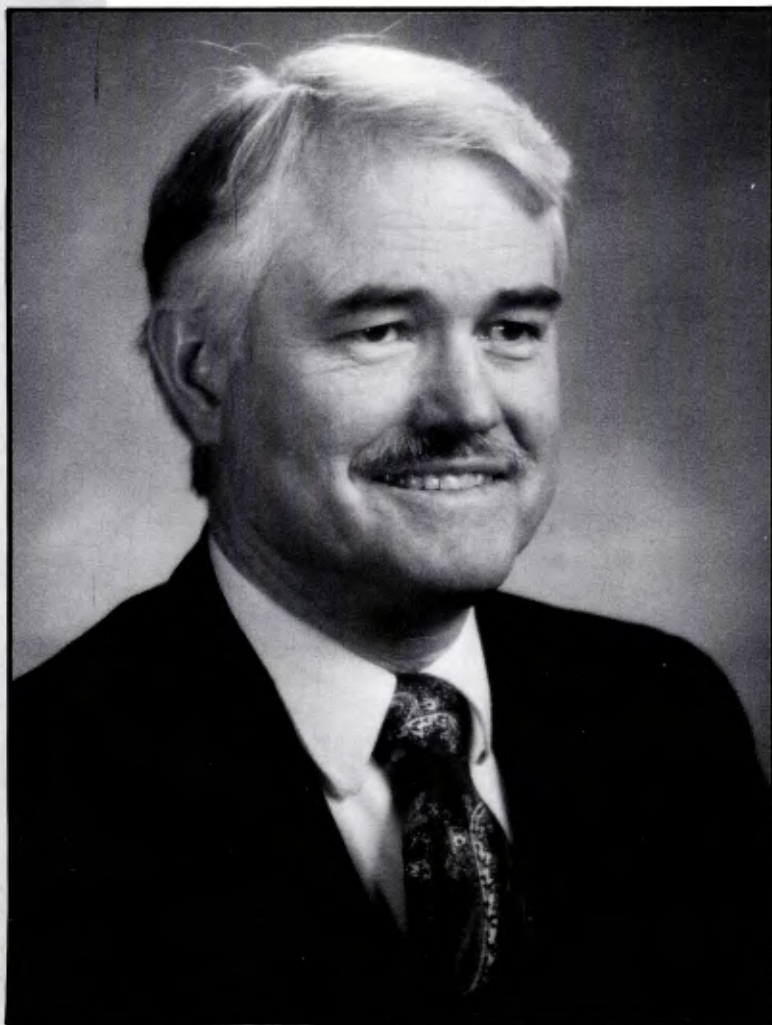
The concept of design has deepened and broadened since my undergraduate years, when design meant primarily calculations leading to engineering drawings. Today, we mean to embrace a comprehensive set of relationships between humans and other living things, and the environment. We work to develop products and processes that respect and protect individuals and their surroundings. Design now must embrace factors that go beyond utility and cost. Design must include, more fully, consideration of the special requirements and limitations of those whom the design is to serve. Design must include considerations of quality and maintainability, of aesthetics, and of manufacturing processes which are as environmentally benign as possible. Design must be responsive to the needs of the consumer, and indeed, this consideration must be at the front end of the process.

Design not only embraces things but, significantly, organizations as well. Organizations must be designed to function as optimally as possible, hopefully in built environments which complement organizational function. Working environments should be places in which people create, realize their fullest potential, and indeed flourish.

We hope that your educational experience at the university has begun to reflect this unifying concept and that it has imbued you with an approach that will serve you well in the years ahead.

Just as I trust your lives have been enriched by the NJIT experience, this university's success ultimately will be measured by your record of achievement. We thus have a relationship which lasts a lifetime and which affects future generations of students and the larger society. Thank you for all you have given NJIT. May you find fulfillment in all that life has to offer.

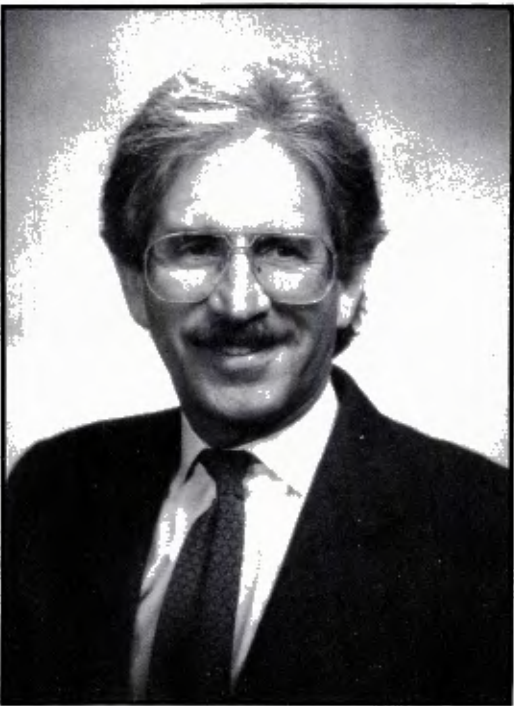




Provost Gary Thomas



Henry Mauermeyer
V.P. Of Budget And Finance

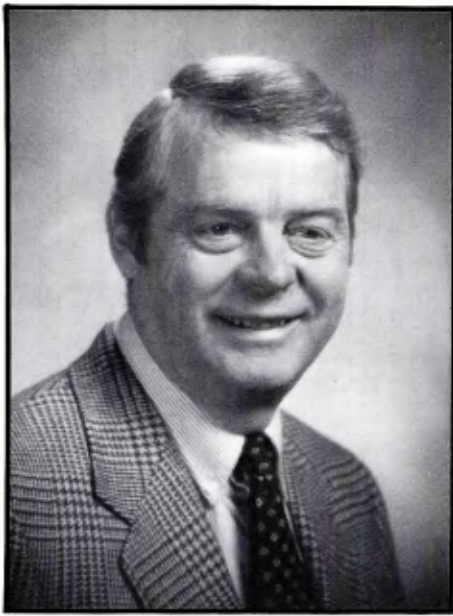


Dr. Joel Bloom
Assoc. V.P. Of Academic
Affairs

Chief Academic Officers



Dr. Constance Murray
Dean Of Students



**Assoc. Dean Ray
Boxer**



**Asst. Dean Mary
Pat McAllister**



**Assoc. Dean Helen
Matusow-Ayres**



Dr. Judy Ann Valyo

**Dean of
Freshman Studies**

Deans Of Students

Dr. Piero Armenante
Eida Berrio
Science and Liberal Arts
William A. Bocchino
School of Industrial Management
John Carpinelli
Dr. Robert Conley
Science and Liberal Arts
Jodie Cottrell
Director of Hazell Center



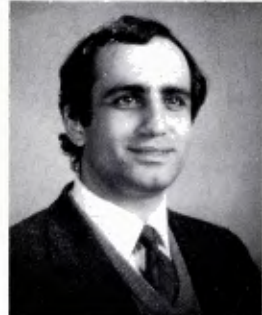
Dr. Sanchoy Das
Industrial Engineering
Fadi Pierre Deek
Computer Information Science
Duane Felczak
Physical Education
Edith Frank
Director of Counseling Center
Howard Gage
College of Engineering
Donald Getzin
Chemical and Environmental Engineering



Teddy Greenstein
Tamara Gund
Chemistry
Deran Hanesian
Chemical and Environmental Engineering
Fred Harris
Counseling Center
Mary Hurdle
Director of Financial Aid
Tony Jackson
Admissions



Leon Jololian
Computer and Information Science
Dr. Anthony Kahng
School of Industrial Management
Ronald Kane
Director of Graduate Studies
Barbara Kebbekus
Chemical Engineering
Gary Keel
Assoc. Director of Career Planning
Jacob Klapper
College of Engineering



Ronald Levy
Physics
Gordon Lewandowski
Chemical Engineering
Norman Loney
Chemical Engineering
Gregory Mass
Director of Co-op Education
Dr. Kevin McDermott
Industrial Engineering
Somenath Mitra
Chemical Engineering and Chemistry





Robert Moran
Assoc. Director of Student Activities
Scott Nathanson
Asst. Director of Hazell Center
Richard Parker
Assoc. Dean of Engineering
Howard Perlmutter
Chemistry
Demetri Petrides
College of Engineering
Gloria Phipps
Reservationist



Sheridan Quarless
Asst. Director of Undergraduate Research
William Redd
Director of Game Room
A. Robbi
College of Engineering
Catherine Ruvolo
Information Desk
Bill Schaub
Manager of The Bookstore
Anthony Schuman
School of Architecture



Henry Shaw
Chemical Engineering
Frank Shih
Computer and Information Science
Malcom Simon
Director of Physical Education
Raj Sodhi
Director of Manufacturing Engineering
Kenneth Sohn
College of Engineering
Marek Sosnowski
College of Engineering



Reginald Tomkins
Chemical Engineering and Chemistry
Michael Tress
Computer and Information Science
Dorothy Wright
Hazell Center Staff
Shih-Chang Wu
Mengchu Zhou
College of Engineering
Sue Zivi
Exec. Director of Career Development







DESIGNING

The Future

Organizations



Students Working For Students

Edited by Kimberly Lisle

Making Memories Matter

College is more than getting a degree - it's a time of balancing change, breaking out, and NO responsibility. **The Nucleus**, a student designed and produced publication, has been achieving the goal of recording the year's events since 1923. Comprised of everything concerning students and the University, from

Miniversity to Graduation, **The Nucleus** staff is dedicated to capturing as much as possible within the pages the book. In ten or twenty years remembering college days will spark laughter and happiness, thus **The Nucleus** becomes more valuable each year. A theme is developed annually to refelct the

year as a whole, and to make each one special and different from the last. **The 1992 Nucleus** - "Designing the Future," reflects the numerous undergraduates, graduates, administration, faculty, and alumni that strove to make this year a solid foundation for years to come.



During the festivities of Spring Week many students took the opportunity to order the 1992 Nucleus.

The Nucleus

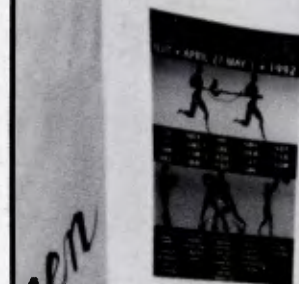


(L-R) Front Row: Luke Marples, Vicky Otero, Craig Grayson, Liliana Zisa, Betty Larrea, Mei-Anh Cully, Middle Row: A.J. Griglak, Geradette Ryan, Keri Schiereck, Kimberly Lisle, Glenn Arbesfeld, Robert Moran, Bonnie Blackman Black Row: Carlos Orejuela

Executive Board



L-R) Advisor Robert Moran, Editor-in-Chief Craig Grayson, Managing Editor Kimberly Lisle, and Business Manager Liliana Zisa





Michael and Bonnie Blackman, attend the annual Semi - Formal.

Kim Lisle takes a break from working on The Nucleus to smile for the camera.

Vicky and Luke relax in the office between classes.



Michael O'Connell, A.J. Griglak, and Kevin Ruta take a break from serving food, to eat and drink during Student Activities Day.

Freshman class representatives Amy Maglori, Charles Hewitt, and Mona Samra are sworn in to their positions.

A.J. Griglak looks up to President Vanessa Mazza; or is he just asking for help?





Leading The Way.

Elected annually, the **Student Senate** acts as the governing body which provides a student representation in areas of academic affairs, student activities, as well as an arena for student concerns and issues. The main objective is to bridge the

gap between the University, faculty, administration, and the student; to promote more involvement and benefit everyone.

The 1992 Senate addressed problems concerning January graduation, the

Student Union, parking, additional student fees, the honor code, professor evaluations, along with establishing various other committees. And keeping with tradition, the Senate also helped organize events such as World Week, and Spring Week.

Student Senate



Front Row: Laurie Dickinson, Amy Whitescarver, Vanessa Mazza, Richard Mohring, Kerri Bahnken, James White Middle Row: Ian Plotkin, Nina Wolhlu, Myland Cabrera, Diana VanDer Wende, Karen Kunz, Humberto Baquerizo, Syed Arez Salim, Malik Siman, Darren Kelly, Anthony Parsio, Luis Cisneros Back Row: Mona Samra, Kevin Ruta, Michael Scotti, A.J. Griglak, Amit Sadana, Chaicharn Sheerajin, Michael O'Connell, Vinayak Ranade, Bob Moran

Executive Board



Treasurer Laurie Dickinson, Corresponding Secretary James White, Vice President of Finance Christy Blick, Vice President of Student Affairs Richard Mohring, President Vanessa Mazza, Recording Secretary Ian Plotkin, Recording Secretary Amy Whitescarver, Vice President of Administration Kerri Bahnken



Senator Carlos Orejuela stand atop the crowd during Spring Week.

Keeping Things Interesting

After classes are done for the day, and there is not a major paper or project due the next day, what does a college student do? Relax, but where? This is what students discuss and plan for.

The Student Activities Council (SAC) hosts most of the extracurricular activities

on, and off campus. Between sponsoring comedy nights at The Pub, or Reptile World in the Center, or even a weekend trip to Busch Gardens and Williamsburg, Virginia, SAC, keeps life in the NJIT community from getting boring.

Since its creation in 1966

SAC has played a part in every student's life and has, "maintained its aim to enrich the varied and comprehensive cultural and recreational needs of the institute community."



Members plan for an upcoming event.

Student Activities Council

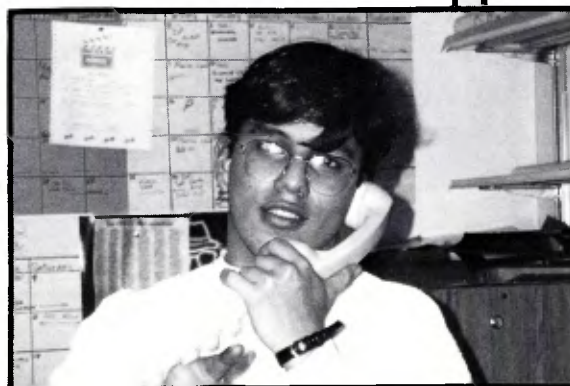




Students enjoy one of SAC's many Comedy Nights.

Operator Humby answers the phone in the SAC office between classes.

SAC members enjoy getting away from Newark during Spring picnic.



E ditors (L-R) Michael Carvalho, Mark Zidiak, and Edward Cichone plot their next mad act.

D uring World Week, Matthew Bunn, Mark Zidiak, and Craig Garretson continue a tradition of selling chili.

K imberly Lisle helps Michael Carvalho overcome his shyness while selling T-Shirts during Spring Week.





With Magnitude And Direction

College life holds a few givens mid-terms, finals, and **The Vector** every Tuesday morning. Countless people have opened the pages of this student produced newspaper during a physics lecture, or while relaxing between classes. It is where to look for the latest happenings on campus, or last weeks

Highlander's scores.

This dedicated group of students hunt down news stories daily, and stay up half of the night to make sure that this tradition is kept alive for the University. Since 1924, **The Vector** has been the sole "Voice of the Students" advising of important facts to know,

voicing student opinions, and even annually mocking the University and students with the April Fools edition of **The Shaft**.

Students and faculty rely on **The Vector** to continue, "... with Magnitude and Direction . . ." for years to come.

The Vector

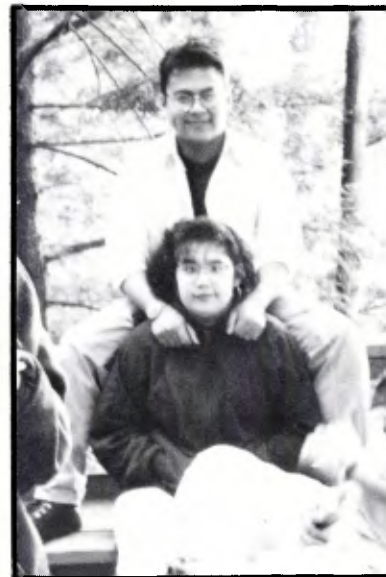


(L-R) Ethan James, Taralee Grasso, Miguel Gonzalez, David Bania, Marianne Morales, Kimberly Lisle, Matthew Bunn, Dr. Fleischer, Michael Carvalho, Edward Cichone, Phyllis DeVos, Craig Garretson, Michael Landas, Mark Zidiak, Chris Vakulchik, Jaime Alejandro, Jonathon Knowsley, Ronaldo Guillen, and Tomas Mercado

Executive Board



(L-R) Executive Editor Michael Carvalho, Editor-in-Chief Craig Garretson, Advisor Robert Moran, Managing Editor Phyllis DeVos, and Business Manager Edward Cichone



Cari Rodriguez and Jay Alejandro enjoy The Vector spring picnic.



Promoting Togetherness

Diverse cultural differences are an apparent part of life at NJIT. From this mixture of student backgrounds many organizations have been formed to enlighten and unite the university community on cultural identities. Within these groups, each has its own way to bringing the University together.

A major event in any culture is New Year, as usual the Chinese Student Association (CSA) welcomed others to celebrate in the festivities of the Chinese New Year. The year of the Monkey was brought in with a campus wide celebration, that began Saturday, February 1st, and lasted to 2:30 am,

Sunday morning.

Other organizations, such as the Arabic Students Association (ASA) tried a different approach to uniting people. Sponsoring volleyball tournaments, and being avid participants in intramural sports creates competition and comradory.



CSA's sports Director Nick Chen shows his vocal talents by singing at the New Year celebration.

Arabic Student Association



L-R) Ali Aldean, Yaser Saleh, Housen Salem, Ayob Salem, Mohmtoud Mousa, and Ibrahim Salamma

Chinese Student Association



Pictured (L-R) Kelly Chen, Chris Sheng, Wai Wong, and Doogong Yip; Not Pictured: Jenny Lin, Kim Cheuk, Nick Chen, Carrie Lin, Bernard Loh, Jerry Chen, Burton Eng, Chai Sheerajin, Vicror Mui, Kelvin Choi, John Chang, Jason, Tsai, Alan Lee, Diane Zhang, Jaime Reinoso, Tat Tsuen Lam, Jinki Cho, and Yiu Cho





President Saul Fenster takes a moment to pose for the camera, while talking with CSA President Doogong Yip (left) and Chai Sheerajin (right).

Yaser Saleh, Hazim Fanik, and Housen Salem (L-R) show off their certificate at an ASA meeting.

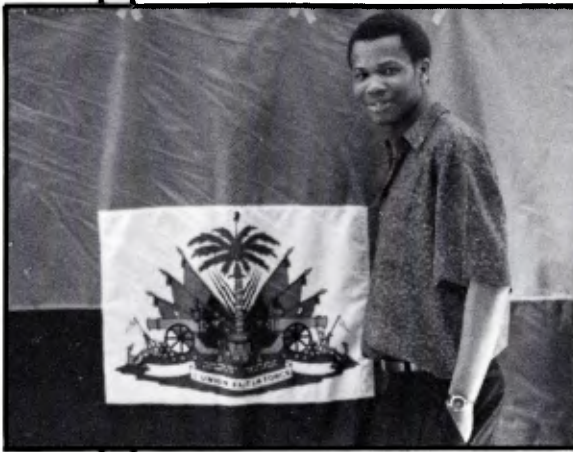
United for more than fun and games, Akif Armand, Mohmoud Mousa, Yaser Saleh, and Ali Aldean (L-R), work together to study for a class.



HASAN Vice President Rubens Clitus stands next to the Haitian flag, and HASAN's insignia.

Collin takes a break to eat during a Caribiso sponsored event.

HASAN members (L-R) Arden Jeantilus, Claudy Fenelus, Montel Pasteur, and Marcel Metellus gather in HASAN's office.



B lending Cultures

"... to preserve Caribbean and African cultures; to integrate Caribbean and African students on the NJIT campus . . .", this what Justin Mathurin, President of Caribiso, stated was the main goal of the **Caribbean Student Association (CARIBISO)**, and the priorities

of the **Haitian Student Association (HASAN)** are similar.

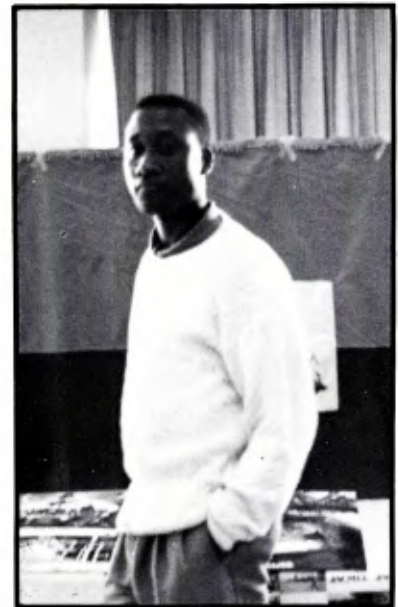
This is an important goal; integrating, and blending different people together, for a common purpose. **Caribiso** and **Hasan** were both active in the community in 1992, participating in many events,

and sponsoring additional one's, such as African-American History Month; in which there was a range of happenings from singers to guest speakers.

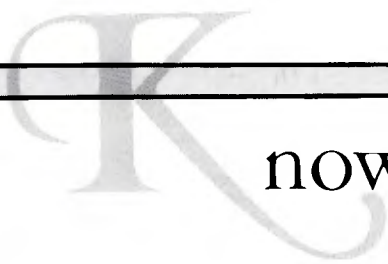
Caribbean Student Association



Haitian Student Association



Caribiso President Justin Mathurin.



nowledge Is The Key

Through togetherness, and the mixing of 'groups', people learn about each other, and the best way to understand and appreciate things is to know as much about them as possible. This is true with the different cultural organizations at NJIT. The purpose of most student associations is to educate

the University of the individual customs and beliefs of certain societies.

The Association of Indian Students (AIS) fulfilled this in many ways in 1992. One of the most spectacular was, as with the CSA, the Indian New Year, or 'Diwali'. On Friday, November 15th, the Hazell

Center was alive with customary songs and dances of India.

The Pakistani Student Association (PSA) hosts similar events, darning their colorful traditional clothing, and serving customary food as done during the World Week celebration.



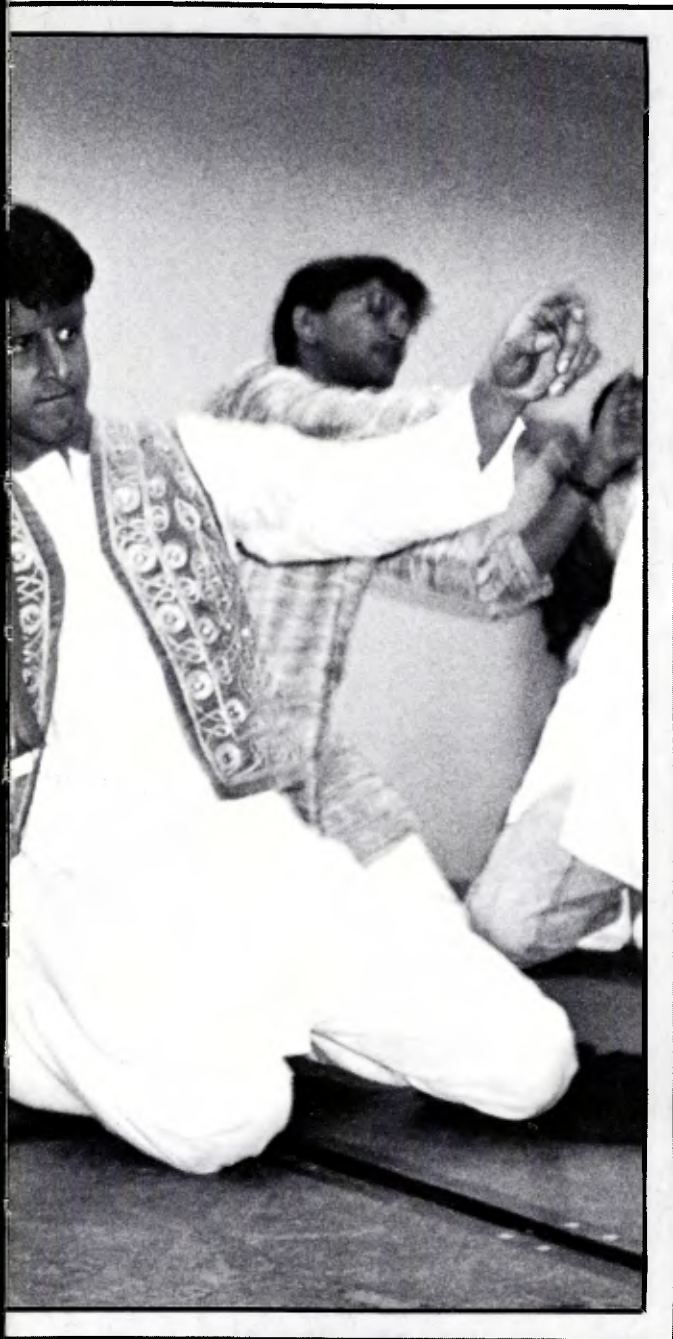
Association of Indian Students



Pakistani Student Association



An AIS member preformes a traditional dance at one of the years events.



Several participants pose before an event.

Female members of the AIS show off customary attire for an Indian celebration.

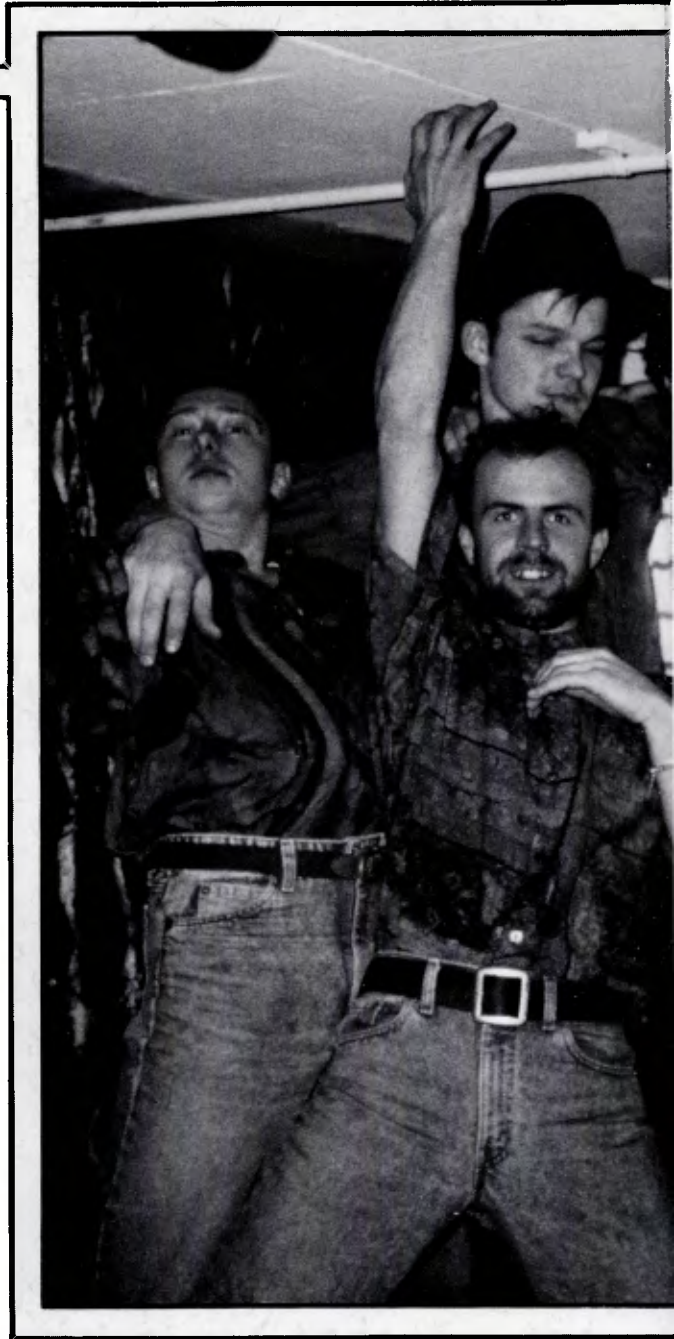
Dancers perform at the Kerala Cultural Forum.



I SA members (L-R) Pramod Maheshwari, Parveen Knatter, Terry O'Conner, Patrick McCalary, and Robert Devlin march in the 1992 St. Patrick's Day Parade.

T ara Lagan, Ron Rougeau, Pramod Maheshwari, and Tim Poppe prepare for an event held by the Irish Student Association.

P assing St. Patrick's Cathedral in New York, (L-R) Mark Guimeny, Arthur Kowalski, Eva Smela, and Jarek Mysliwicz represent POLSA in a parade.





Uniting The World

The Irish Student Association (ISA) and the Polish Student Association (POLSA) agree that the people of the world need to be united, they even have similar ideas on how to do this. Besides both participating in inter-

national food fairs, both the PSA and ISA march in parades. This gives not only their cultural group positive attitude, but also promotes NJIT as a diverse and united University.

Both maintain that their first

priority is to promote understanding of multi cultures in the NJIT community. The ISA sponsors Pub Nights, and St. Patrick's Day celebrations.

Irish Student Association



(L-R) Tara Lagan, Tim Poppe, Kevin Doblin, Eddie Mosch, Pramod Maheshwari, Robert Devlin, Patrick McAlary, Edward Miller, Siby Zachariah, Carol Suchit, Parveen Khatter.

Polish Student Association



(L-R) Lestor Perlak, Bogdan Mysiewicz, Jarek Myslewic, Tom Rydza, Adam Skibniewski, Anna Bukowy, Arthur Kowalski, Bogdan Sobnowski, Tuyen Vu, Robert Tomczyk, and Peter Grzezowski



Steve Birecki and Mark 'Kiszka' Fiedorowicz relax between classes in the POLSA office, downstairs in the Hazell Center.

Helping Hands

Uniting the cultures of the world begins at home; helping the students and community first is the priority of many organizations. The members of the **Hispanic Organization of Students in Technology (HOST)**, also known as the **Society of Hispanic Professional Engineers**

(SHPE), sponsors many educational programs on engineering, leadership, and the benefits of staying in school. This is done within the NJIT campus, as well as at area high schools, and at other conferences.

HOST/SHPE also promotes togetherness through relaxational activities, such as Spring Break trips,

dances, and other events. The **Filipino Student Association (FSA)** also sponsored events such as dances and ping-pong tournaments throughout the 1992 year. Organizing social events to promote the individual cultures, while reinforcing the diversity and mixture that makes NJIT.



F SA member Irving Gamboa listens during a meeting.

Filipino Student Association



(L-R) Front: Erick Bautista, Lorena Viena, Maria Ventura, Cherry Arba, Ronan Flores, Anthony Ordone, Oliver Payuma Back: Joel Feliciano, Tony Aganon, Mike Cabanlit, Lon Icasas, Eddie Ching, Billy Payumo, Patrick Espiritu, Neil Capan, and Jojo Feliciano

Hispanic Organization of Students in Technology



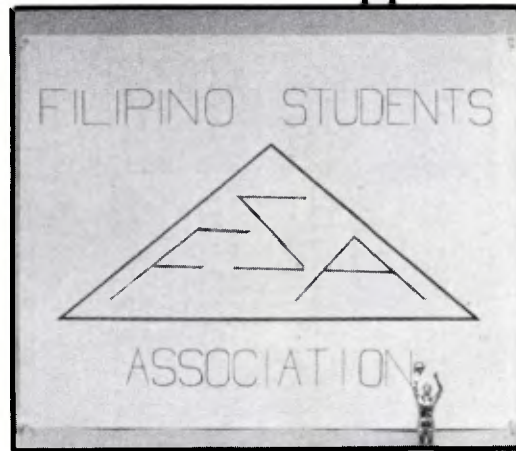
(L-R) Front: Tulia Rios, Luz Vega, Susan Jova Middle: Ramon Rodriguez, Paul Campana, Susan Mena, Alexandra Montoya, Claudia Acosta, Monica Lerma Back: Luis Marcelo, Luis Sierra, Wilbert Gomez, Mario Campus, Cesar Quispe, Cesar Pieprahita, Mark Leutz, Jose Riveta, Mario King Medina, and Walter Garzon





The Filipino Student Association insignia.

Street Fighters II Champions (L-R) Joel Feliciano and Oliver Payumo are awarded certificates.



FSA President Tony Ordona holds trophy awarded to them for a competition won.



At the ASME conference, Aaron Essner presents his, and Jerry Volcy (not pictured) winning car design.

Kim Hrnciar poses with her award winning project after an ASME conference.



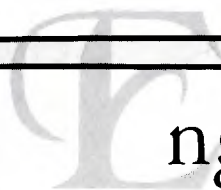
Pi Tau Sigma

Grade point averages are a very important part of a college career, and getting a job after college, Pi Tau Sigma honor students with exceptional GPA's. As the Mechanical Engineering honor society Pi Tau Sigma promotes help and tutoring.



(L-R) Front Row: Kimberly Hrnciar, Parveen Khatter Jorge Barreto, Ivan Nevarez Back Row: Bahram Asgarian, and James Heany





Engineering - What's That?

Mention NJIT and what is most likely asked, 'Are you an engineer?', and 75% of the students, and probably faculty, would answer 'Yes.' But what is an engineer? Mr. Webster defined this as, "any person who uses science and mathematics to make the properties of matter and nature useful to mankind." This is the focus of most engineering, and

many students have joined together to make achieving this task a little easier. Organizations like the **American Society of Mechanical Engineers (ASME)** were formed by students, to help other students become aware of opportunities in mechanical engineering, help in courses, and fun educational events, such as the ASME Region II

Design Contest.

From this other clubs were formed to specialize on particular aspects of Mechanical Engineering. **The Society of Automotive Engineers (SAE)** was restarted in late 1991 for the sole purpose of building a Baja race car. Members attended this race during the summer of 92, and hope to make this an annual tradition.

American Society of Mechanical Engineers



(L-R) Front Row: Jorge Barreto, Kimberly Hrcniar, Cesar Ticas, Ivan Navaror Middle Row: Jerry Volcey, Guido Broche Back Row: Bahram Asgarian, and James Heany

Society of Automotive Engineers



(L-R) Front Row: John Kohanski, John Dibaldie, Daniel Becker, Paul Probus Middle Row: Ivan Navaror, Jorge Barreto, James Heany Back Row: Guido Broche and Kimberly Hrcniar



Jerry Volcey receives his 1st Place award at the ASME competition at Brooklyn Polytechnic University.



Nothing But Success

Education starts with books and classes, but many times there are other ways to learning about careers and jobs. There are competitions, lectures, pamphlets, etc . . . Organizations, such as **Institute of Industrial Engineers (IIE)** and **National Society of Black Engineers / Black Association of Students in Engineering (NSBE/BASE)**, try to keep

students informed of events that effect them and their prospective careers.

(IIE) attends many conferences to help them stay ontop of hot issues in Industrial Engineering. At the IIE Regional Conference at Penn State members learned about industry hot issues like quality, and efficiency. NSBE/BASE took giant steps in 1992, winning Most

Improved Club. Attending many conferences, and hosting lectures and information sessions. Club President Cleon Hargrove labeled the year's theme as, " . . . looking back to research our African past and going forward to African-Americans going forward into the corporate world."



I IE members Emily Hoang and Lidia Matos help each other.

Institute of Industrial Engineers



(L-R) Kwet Yong, Rob Wipper, Emily Hoang, Jonathon Saunders, Lidia Matos, Christina Sun, Paul Mulligan, Neda Abrary, and Edward Tyerman

National Society of Black Engineers





Sherri accepts the 'Most Improved Club' award on behalf of NSBE/BASE.

Neda Abrary listens during a seminar sponsored by IIE.

IE members, Emily Hoang, Neda Abrary, Lidia Matos, and Christina Sun enjoy themselves at Penn State.



Anually, WJTB broadcasts across the green as a sign that Spring has finally arrived at NJIT.

K2MFF comes outdoors for Spring and World Weeks.

DJ's enjoy the sunny weather.





Air Is Free

How many times have you heard someone complain that things cost too much? Well here's a little tip, air is free! Two clubs at NJIT took advantage of this fact, **WJTB** and **K2MFF Amateur Radio Club**, both student run organizations, communicated over long wave or short wave to

anyone who would listen.

Early in the Fall, 1991, semester **WJTB** got back on the air waves, broadcasting to the Hazell Center, Redwood, Cypress, Oak, and anyone else who happened to be able to pick up the signal. The wide selection of music and talk shows, was almost as varied as the

NJIT community itself, from Hard Rock, to Cultural, to Alternative.

The **Amateur Radio Club K2MFF**, also made it's presence on the air waves know, as well as to the university as a whole. Both clubs participated in many university events from Students Activities Day to Spring Week.

K2MFF, Amateur Radio Club

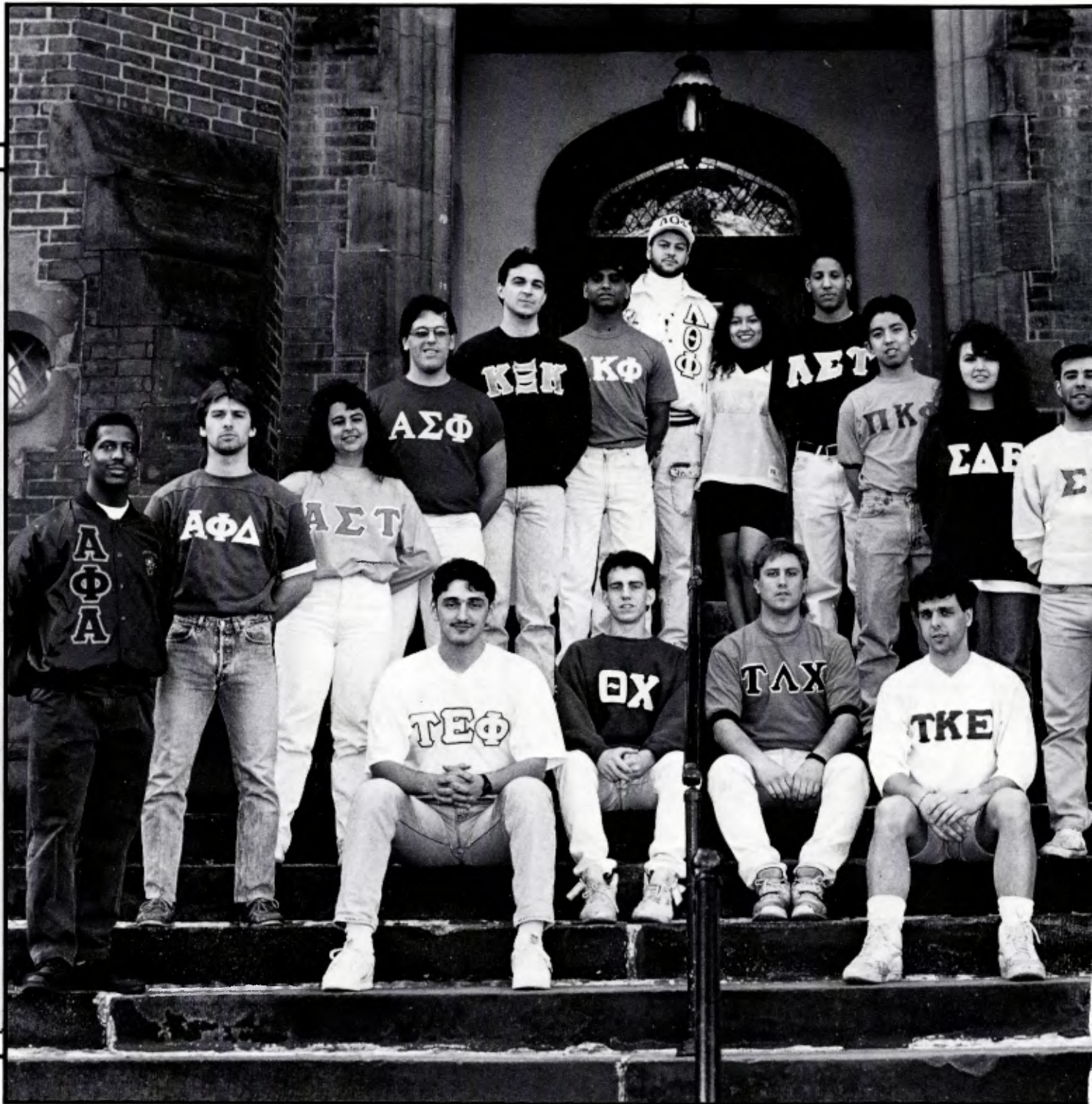


WJTB



WJTB was present at most SAC events, as well as other organizations activities, such as Pub Nights.

(L-R) Front Row: Parveen Khattar, James Nunce, Alex Guerrero, Chris Vite, A.J. Miglia, Tom Ott, George Jackson, Jeff Post Middle Row: Jon DiNola, Michael Dorring, Andrew Mill, Rudy Miller, Dan Cooper, Pat Gallagher, Glenn Arbesfeld Back Row: Marco Carbone, Gus Fieldner, and Kurt Rambo



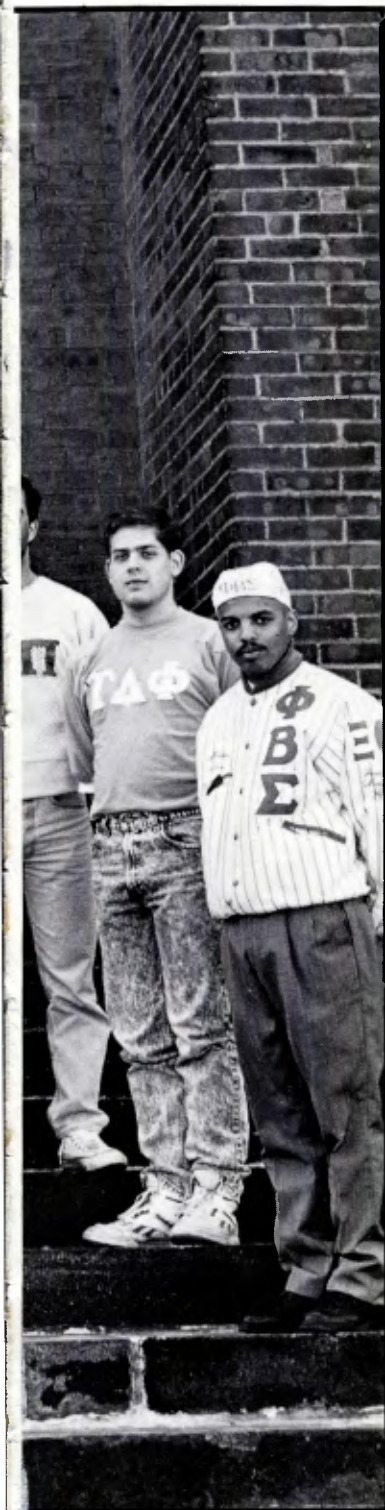
DESIGNING

The Future

Greek Life



Lasting Friendships



Alpha Sigma Phi

The Alpha Rho chapter of Alpha Sigma Phi has a lengthy but unusual history at NJIT that began in 1907 and came to a rest with a recharter in 1982. The brothers have moved into a new home on Warren Street after having to move out of their house on fraternity row 2 years ago. This fall, Alpha Sig again co-hosted the 4th annual see-saw marathon with the women of Alpha Sigma Tau. The brothers strongly believe in anti-hazing and high academic standards.



Alpha Phi Alpha

Iota Rho, the 413th chapter of Alpha Phi Alpha, was founded at NJIT on May 23, 1974 by thirteen men. The chapter activities include the Annual Coast to Coast Stepshow Jamboree, Miss Black and Gold Scholarship Pageant, a Fashion Show and a Pool Party for the incoming freshmen of the EOP summer program. The chapter has been involved in many community service projects such as donating to the Newark Children Hospital, assisting the families of burned out homes and participating in voter registration drives. It is through these and many other projects that Alpha Phi Alpha realizes their motto, "Securing tomorrow's future by uplifting the lives of wholesome youth today."



Tau Epsilon Phi

Tau Epsilon Phi was founded by ten Columbia University students on October 10, 1910. The Tau Psi chapter joined TEP on September 25, 1947 after being a local fraternity since the 1920's. TEP is active on campus and in IFSC sports. They are involved in community service projects as well. In addition to block clean-ups, the brothers participated in an AIDS walk-a-thon. The belief that all Tau Epsilon Phi's share sums up the meaning of this fraternities brotherhood: "To judge our fellow men not by their rank or wealth, but by their worth as men."



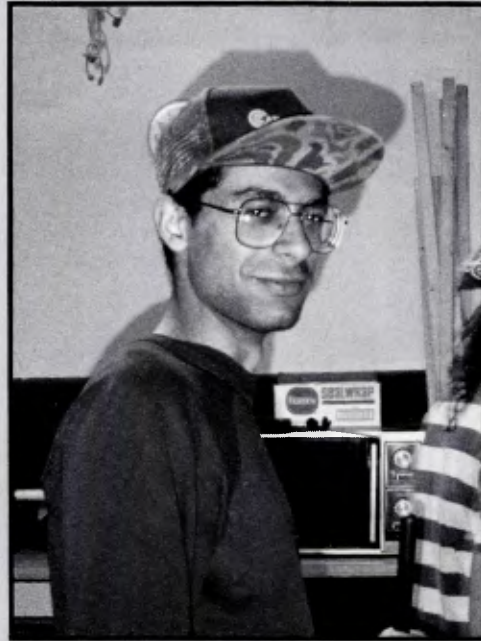
Alpha Phi Delta

The Beta Xi chapter of Alpha Phi Delta was founded at NCE on March 29, 1952. The national chapter was founded on November 5, 1914 in Syracuse University. APD has the distinction of being the largest national fraternity in the tri-state area. Some special events on the calendar of the brothers include National Convention, the annual Christmas Dance and Spring Banquet. The brothers of Alpha Phi Delta stand by their beliefs of brotherhood, love and justice.



Iota Kappa Phi

Iota Kappa Phi, a local fraternity, was founded in 1961. They are well known for their popular wallyball court and Tuesday night events. The brothers enjoy spending their free time on the green with their dog Gilligan and ending the year with a canoe trip with Kappa Xi Kappa. The brothers also give their share to community service by sponsoring canned food drives. Iota Kappa Phi bases their ideals on loyalty and brotherhood.



Kappa Xi Kappa

The local fraternity of Kappa Xi Kappa took shape in December of 1964 with 43 charter brothers. The fraternity has experienced several geographic moves but now resides in a home purchased in 1984. Kappa Xi hosts many social events such as the beach party, rules party, Christmas party and hayride. They are also very involved with their alumni, and hold annual athletic events against them. The brothers pitch in on clean-up days and sponsor trips to hospitals on holidays to cheer up children. Kappi Xi Kappa still stands on the same things the fraternity was built upon: pride, honor, loyalty and success.



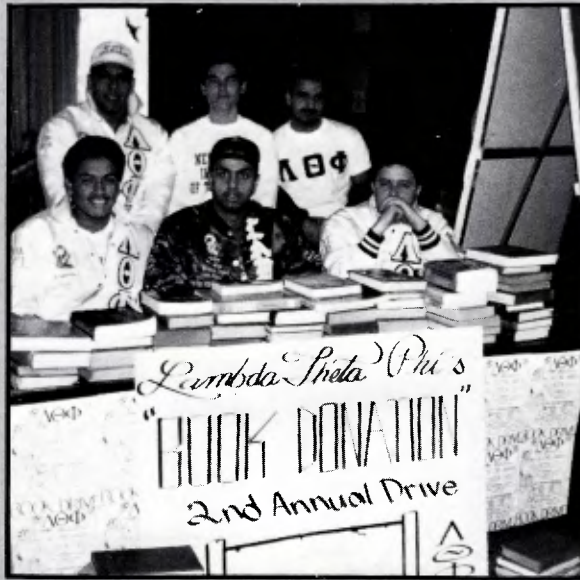
Sigma Pi

Sigma Pi's National Organization has been established since November 26, 1897. The Alpha Mu Chapter was founded at NJIT in 1927. Sig Pi's are active in many campus clubs with many brothers active in Senate and on intramural sports. They have also given many hours to philanthropic projects with many brothers finishing the entire course of the MS Walk-A-Thon. By helping Habitat for Humanity, the brothers have helped build houses for those who had no where else to live. Sigma Pi brothers all believe progress is the key to a better world.



Lambda Theta Phi

The Eta Chapter was established on February 28, 1987 by a founding line of ten men. Lambda Theta Phi has been involved in numerous community projects including a fundraising jam for the homeless, fundraisers for victims of the Equadorian earthquake and the Puerto Rican flood and visiting the burn victims at Saint Barnabas. The brothers also assist the incoming EOP students. Though their background is Latin, Lambda Theta Phi extends its fraternal spirit to all. The brothers work toward unity, strength, welfare, academic excellence and understanding of the minority population.



Tau Lambda Chi

Founded at NJIT, Tau Lambda Chi is a local fraternity which concentrates on its brotherhood. Member interests reach into the world of competitive sports with many brothers on the varsity ski and soccer teams. TAX is known for their many Green Jello Parties and The Annual April 15 Income Tax Party. the TAX men pride themselves on their unity and the loyalty they display toward each other.



Theta Chi

Theta Chi was founded on April 10, 1856 at Norwich University and has the distinction of being one of the oldest and largest fraternities in the United States with chapters from coast to coast. The Epsilon Psi chapter joined the ranks on December 8, 1963. Theta Chi is currently renovating their new home: a Newark landmark firehouse. This fraternity is also very civic minded having close relations with the James Street Association and the Newman Center. They are committed to the meaning of Theta Chi: "To lend a helping hand."



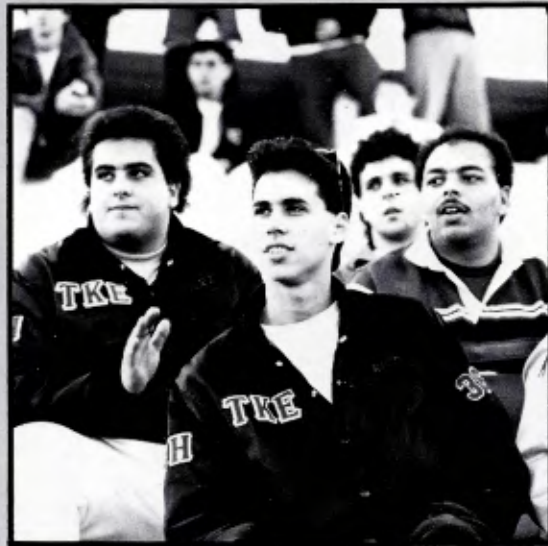
Alpha Sigma Tau

Alpha Sigma Tau was founded in 1899 at Michigan State Normal. The Beta Upsilon chapter joined the more than 70 nationwide chapters on April 30, 1983. The sisterhood is involved in many campus activities. AST also extends its services to many charities which include Pine Mountain Settlement School, The Troy Pickney Scholarship Fund, The Lung Cancer Society. As the only national sorority on campus, AST's believe that their bond is strengthened because of the diverse nationalities that make up their sisterhood. Alpha Sigma Tau's pride themselves on being sisters forever and unity beyond friendship.



Tau Kappa Epsilon

On January 10, 1899, a group of men from Illinois Wesleyan University Wesleyan University met to form a new society whose purpose was "to aid college men in mental, moral and social development." TKE is friendship, a deep friendship among a group of men who have similar ideals, hopes and purposes. Nationally, Tau Kappa Epsilon can boast of 322 chapters and over 181,000 initiates. The mascot of the NJIT chapter is Zeke the Teke. TEEK'S hold individual character development as a paramount objective.



Tau Delta Phi

Tau Delta Phi was founded in 1910 as three simultaneous chapters in New York. It expanded to the Newark College of Engineering in 1949 and moved into the present home in 1962. IFSC sports are a part of this fraternity. Tau Delt has been undefeated in football for 6 years and basketball for 2 years. In addition to their sport feats, Tau Delt was involved with the planting of seedlings along the stretch of King Blvd. Their social calendar includes the annual Pyramid Ball and Hawaiian Luau Party. Tau Delt brothers believe in eternal brotherhood as shown by their motto, "He shall not want as long as I breathe, for he is my brother."



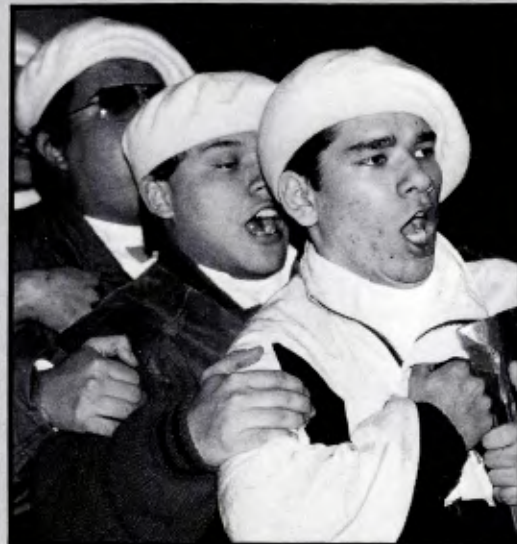
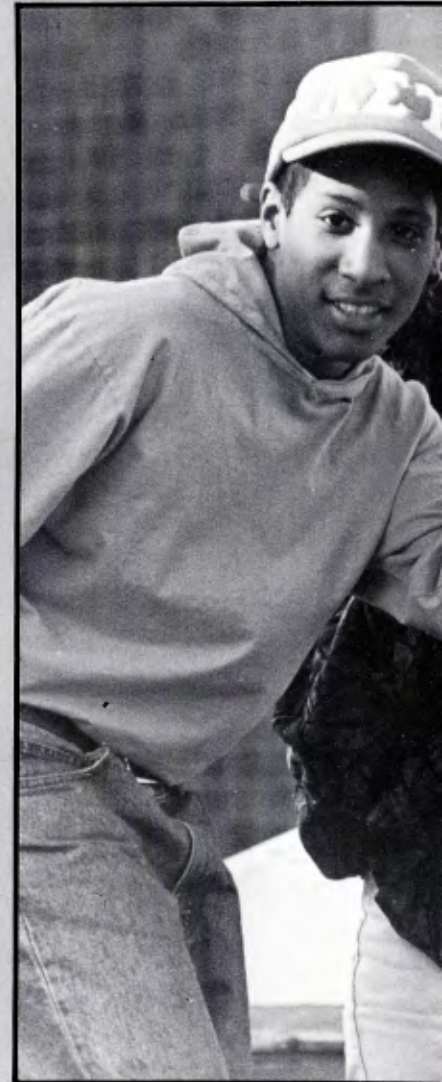
Delta Phi Epsilon

The Beta Eta chapter of Delta Phi Epsilon was founded in 1992 by the sisters of Sigma Delta Epsilon. The sisters of Delta Phi Epsilon donate their time to many local charities as well as campus life. The sisters demonstrate leadership while being involved in many aspects of NJIT.



Lambda Sigma Upsilon

In April of 1979 Lambda Sigma Upsilon was founded on the Livingston Campus of Rutgers New Brunswick. The Pioneros chapter was founded at NJIT on December 13, 1986 by ten brothers. Many brothers are on the Highlander Soccer team and others are vital members of HOST and SHPE. Their social service projects included a fund raiser for the hurricane victims. It has become a pledge class tradition to do handy work at a local church which includes painting, cleaning and yard work. Lambda Sigma Upsilon also holds weekly pledge study hours that are open to all. Their motto is, "Latinos siempre unidos."



Pi Kappa Phi

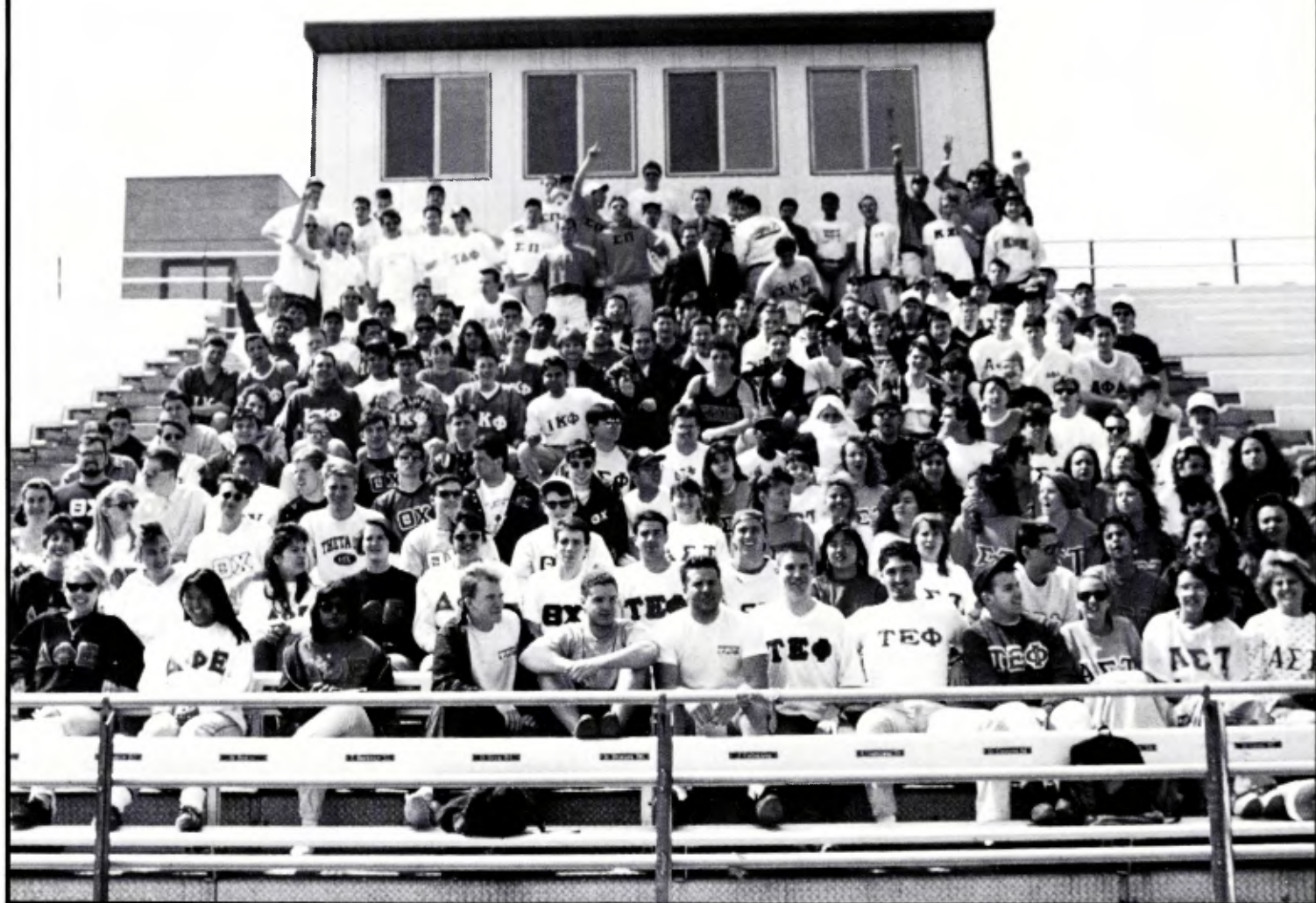
Pi Kappa Phi national Fraternity was founded in Charlottes, South Carolina on December 10, 1904, The Beta Alpha chapter was chartered on this campus on May 29, 1948. Many Pi Kap brothers are members of the Filipino Student Association, SAC and work at the Pub. Semesterly, Pi Kappa Phi sponsors a Push-A-Thon which has funded People Understanding the Severely Handicapped since 1977. The National Organization is the only fraternity to donate over 1 million dollars to one single charity. "Nothing Shall Tear Us Asunder" is the motto of Pi Kappa Phi.



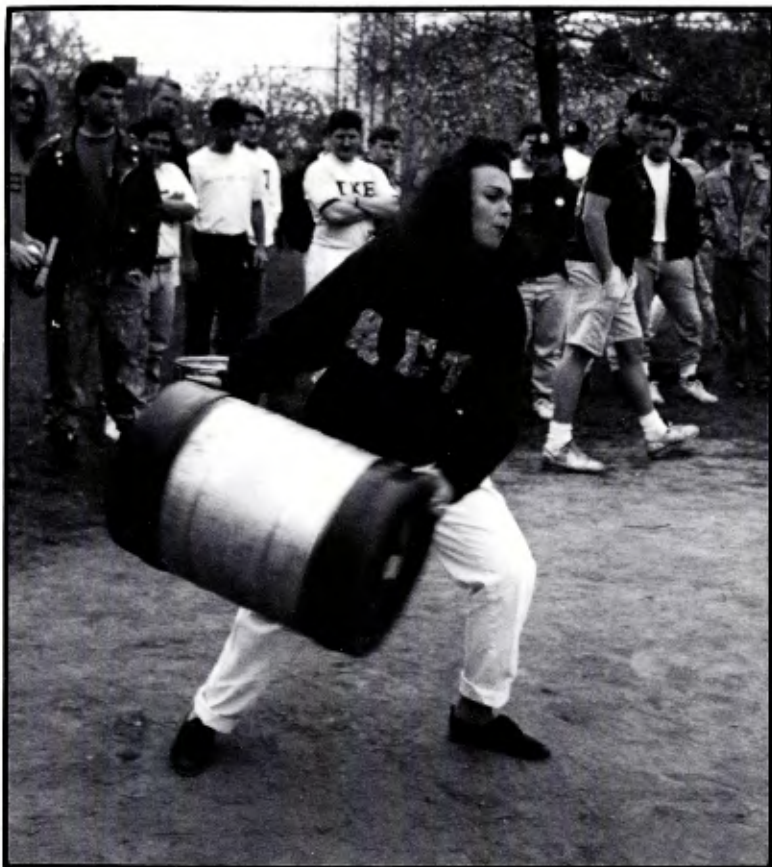


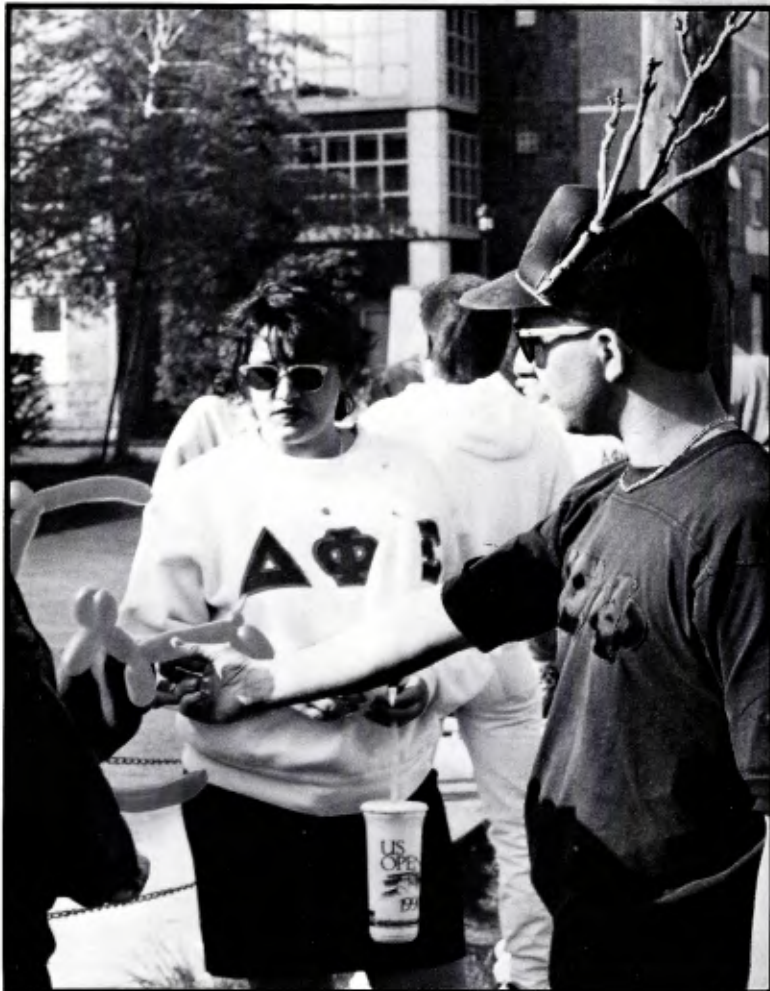
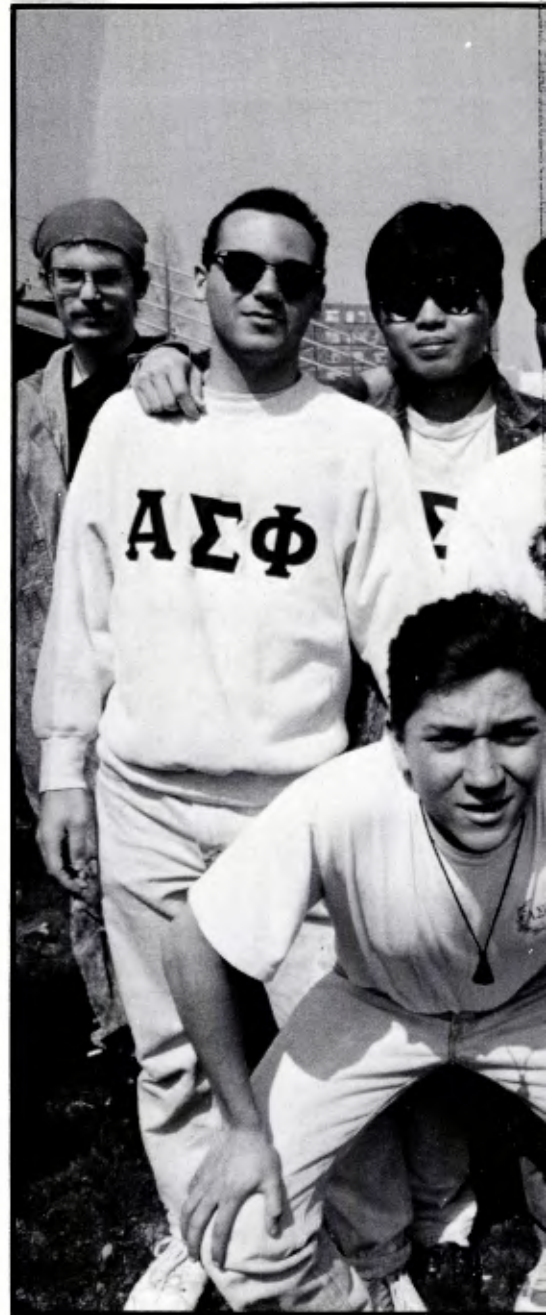
Greek Awards Night



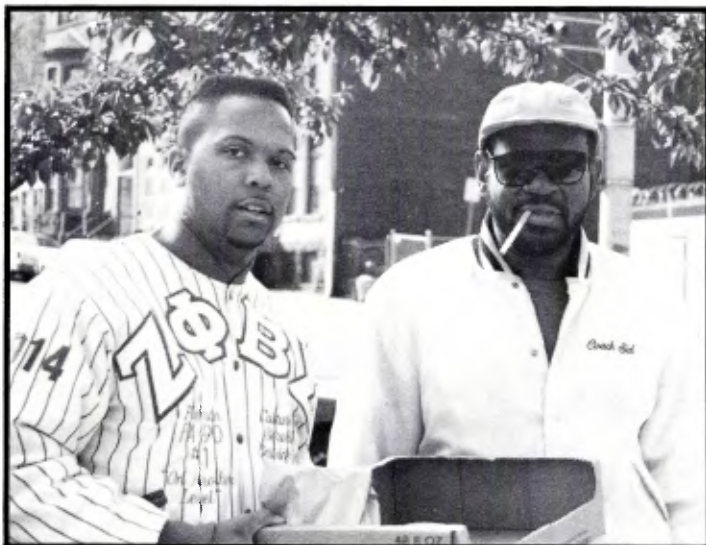


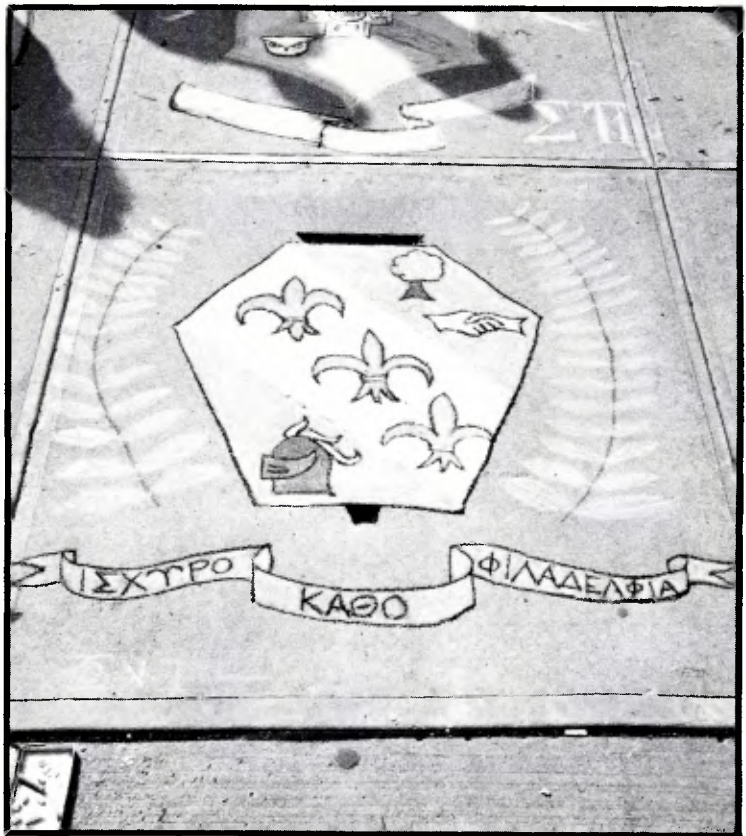
Greek Gallery

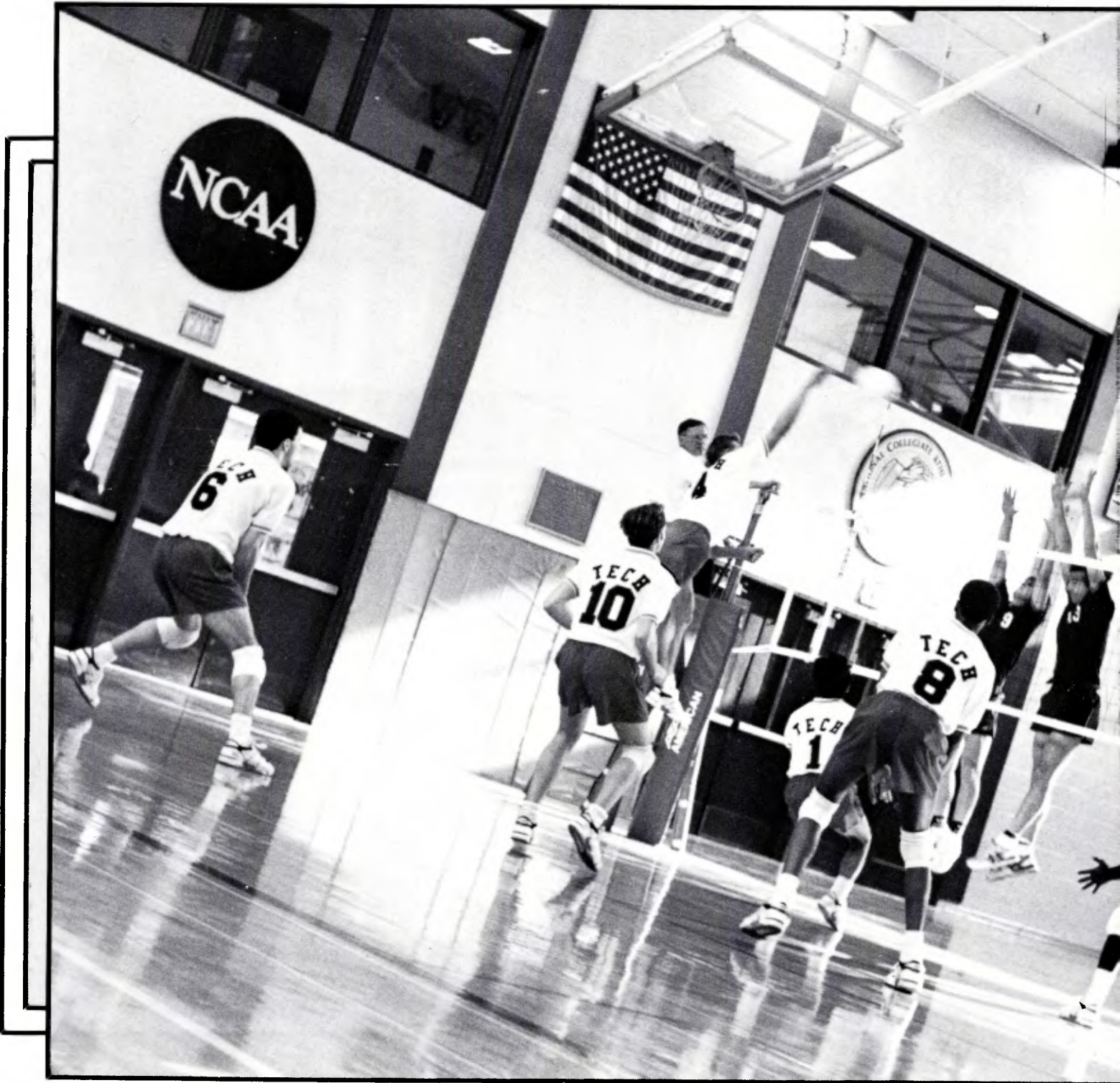












DESIGNING

The Future

Athletics



Practice Makes Perfect



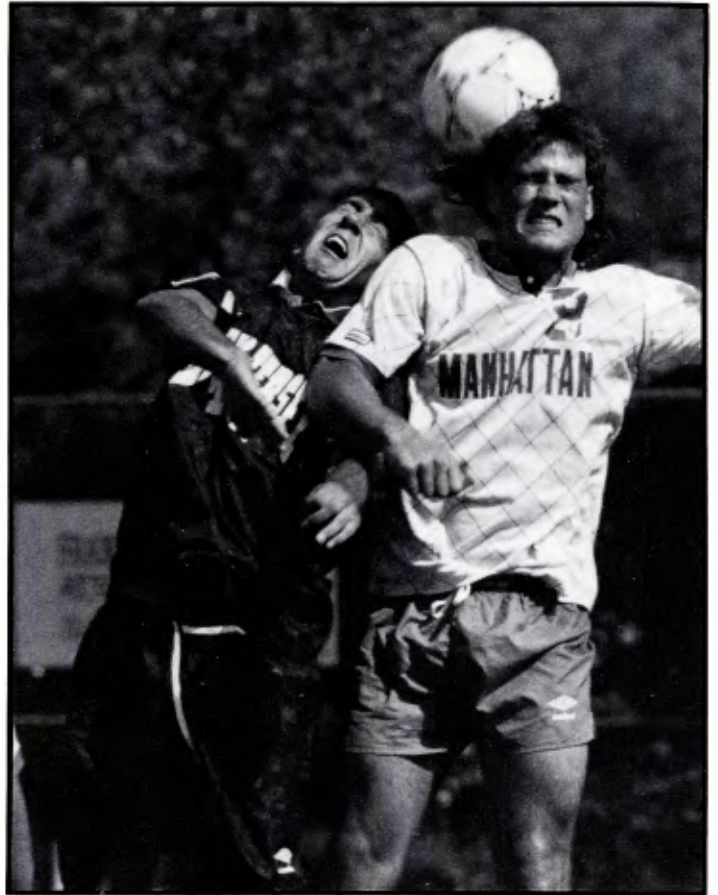
Hard work and a winning attitude brought success to New Jersey Tech's soccer team as the Highlanders posted their third winning season under head coach TJ Kostecky.

Among the soccer highlights that the team achieved during the 1991 campaign included, two conference championships and a berth in the Eastern College Athletic Conference Metropolitan Division III Tournament. The Highlanders captured their first ever Skyline Conference title, won the Independent Athletic Conference championship and finished the 1991 season with a 14-6-1 mark. Down the stretch Kostecky's squad posted an 11-2-1 record, outscoring the opposition 54-22.

New Jersey Tech came up short for the second consecutive year in the ECAC Tournament. The number two-seeded Highlanders lost to the United States Merchant Marine Academy, 2-1, in overtime. After 90 minutes of play the two teams were tied at 1-1. Several players received post-season accolades. Sophomore Derrick Bock was named the 1991 Skyline Conference Co-Player of the Year. Bock, the New Jersey Tech MVP, posted a 13-3-1 mark with 12 shutouts, including eight in the last nine regular season games. New Jersey Tech led the Skyline awards, placing six players on the first team. Joining Bock were his classmates, Matt Crivelli, Matt Pentlicky, Jose Tabbares, Tom Jones and senior Roger Real. Senior Art Celleri, Bock, Crivelli, Real and Tabbares received IAC All-Conference honors.



Working For The Goal

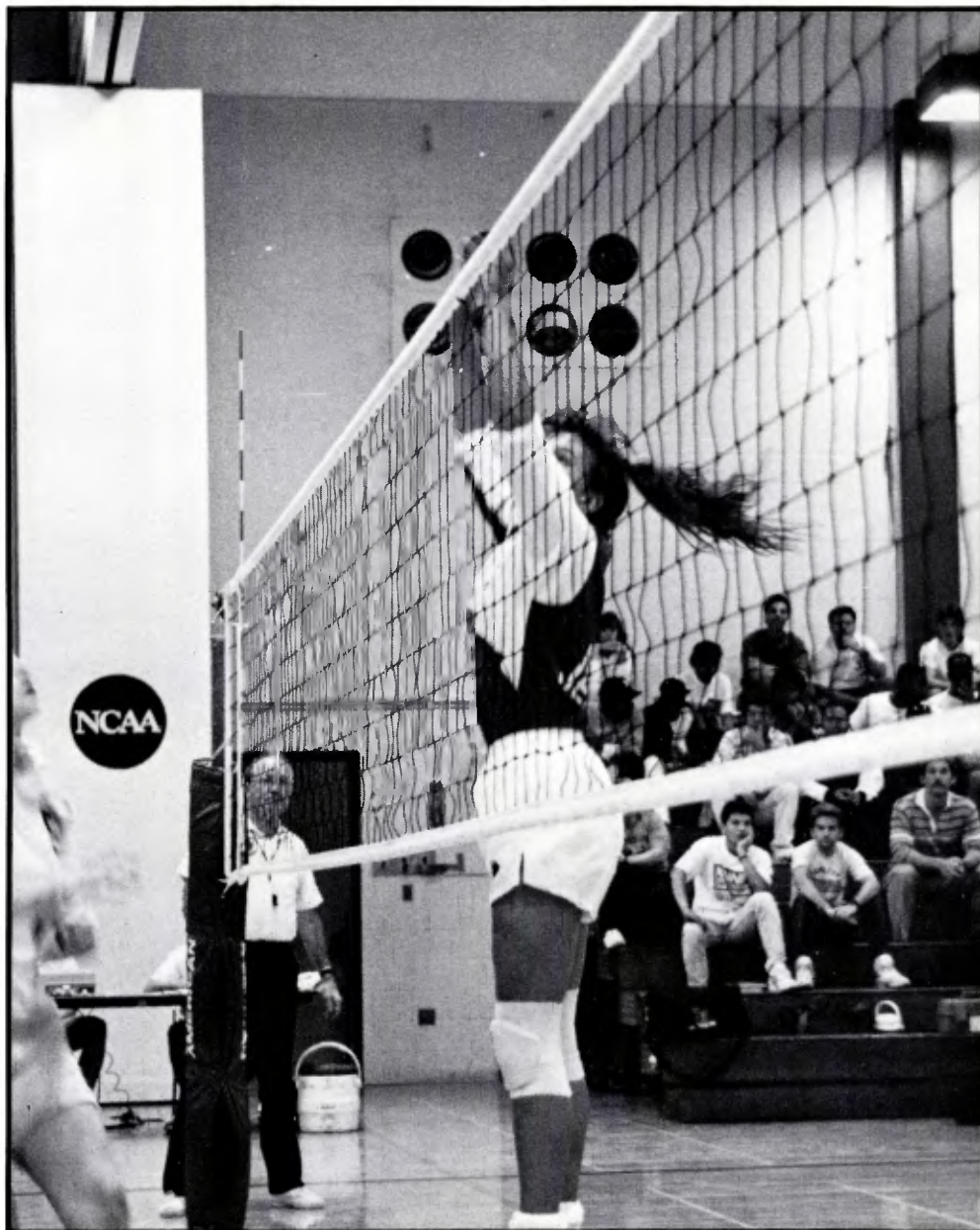


Coming into the 1991 season women's volleyball coach Dave DeNure had to replace five starters and seven players from a team that posted a 23-12 record in 1990.

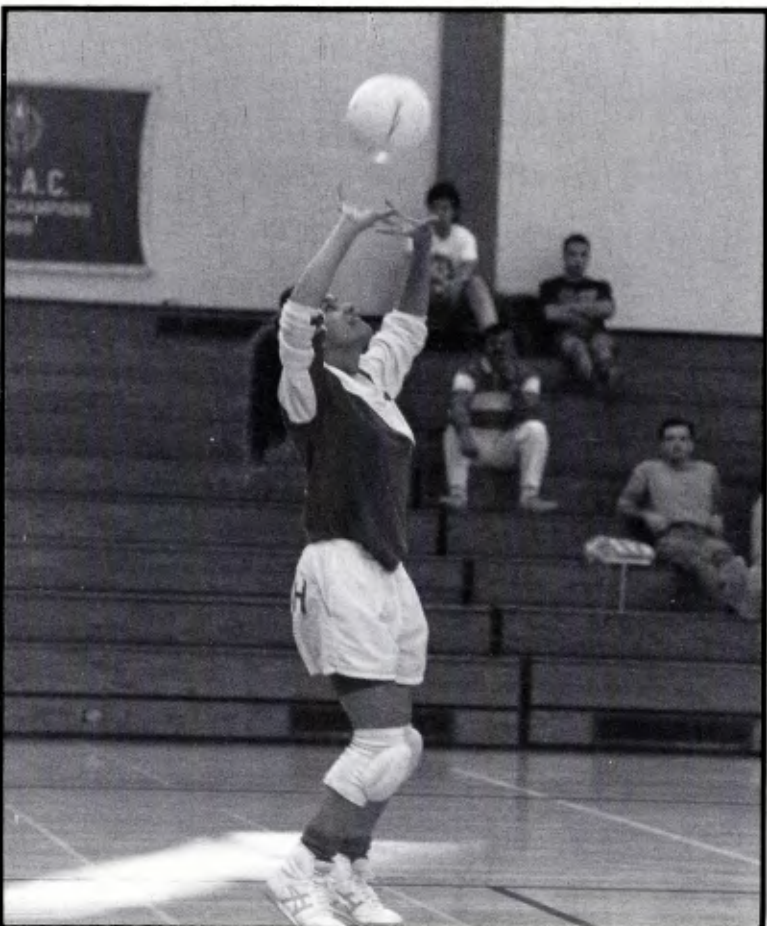
The largely inexperienced team that competed this fall compiled a 10-16 record but rebounded towards the end of the season to place third in the Women's Intercollegiate Athletic Conference Tournament. Recognizing the coaching job he did, DeNure's peers honored him as the WIAC Coach of the Year.

The Highlanders were led by team captain Kathy Eng who enjoyed another outstanding season. Eng recorded 105 service aces, a new school record, and led the nation in this category. The two-time New Jersey Tech Most Valuable Player was a first team All-Conference performer in the IAC, WIAC and the Jersey "9". She was also honored as NJAIAW Woman Athlete of the Year.

Junior Connie Krzeminski enjoyed a solid season as she led New Jersey Tech with 184 kills. Krzeminski was a First-Team IAC and Jersey "9" performer and a WIAC Honorable Mention selection. Another major contribution was turned in by senior Kathy Liu who was an IAC Honorable Mention pick.



Volly Vs. The Spike



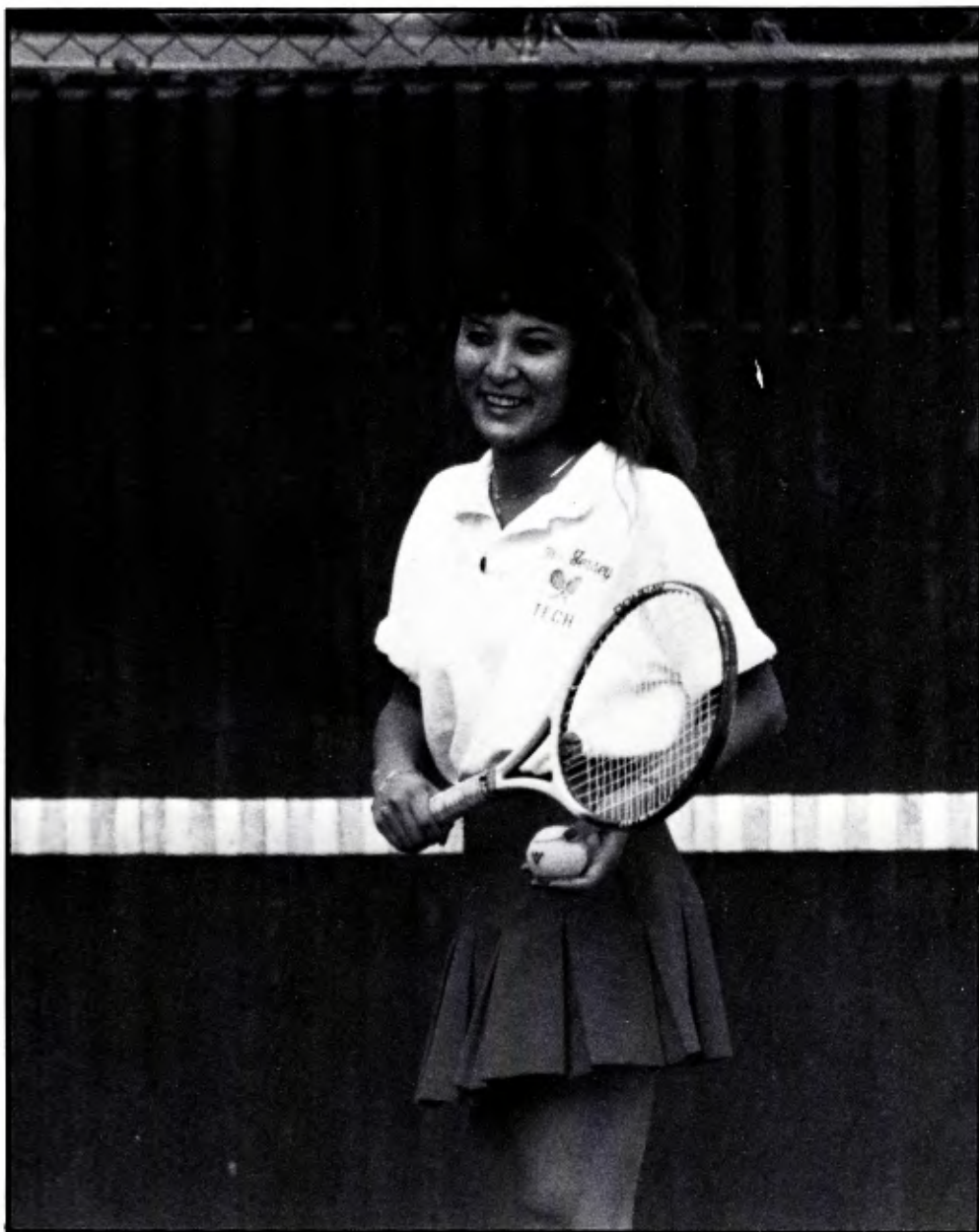
Tennis is a game that requires mental toughness, a good forehand and backhand and strategy. A player must know how to attack her opponents weaknesses on the court in order to gain the upper hand.

In the fall of 1991 the New Jersey Tech women's tennis team had the upper hand right from the start as the Highlanders opened the season with three consecutive wins. Under the direction of coach Bob Moran, the Highlanders captured the IAC title, placed third in the WIAC and finished the season with an 8-5 record. For his efforts Moran was honored as the WIAC Coach of the Year.

Eileen Sevilla, Sandy Worley and Sharyn Simchick each played well in singles competition and earned All-IAC honors. Sevilla and Worley were also accorded All-WIAC honors.

Sevilla, after a year layoff, played first singles most of the season and posted a 7-5 record. Worley, the teams Most Valuable Player, compiled a 9-3 record at fourth singles. Sonia Balanzategui moved from sixth singles in 1990 to third singles in '91 and added five victories.

The Highlanders closed out their fall campaign by winning three of their last four matches.



Taking The Advantage



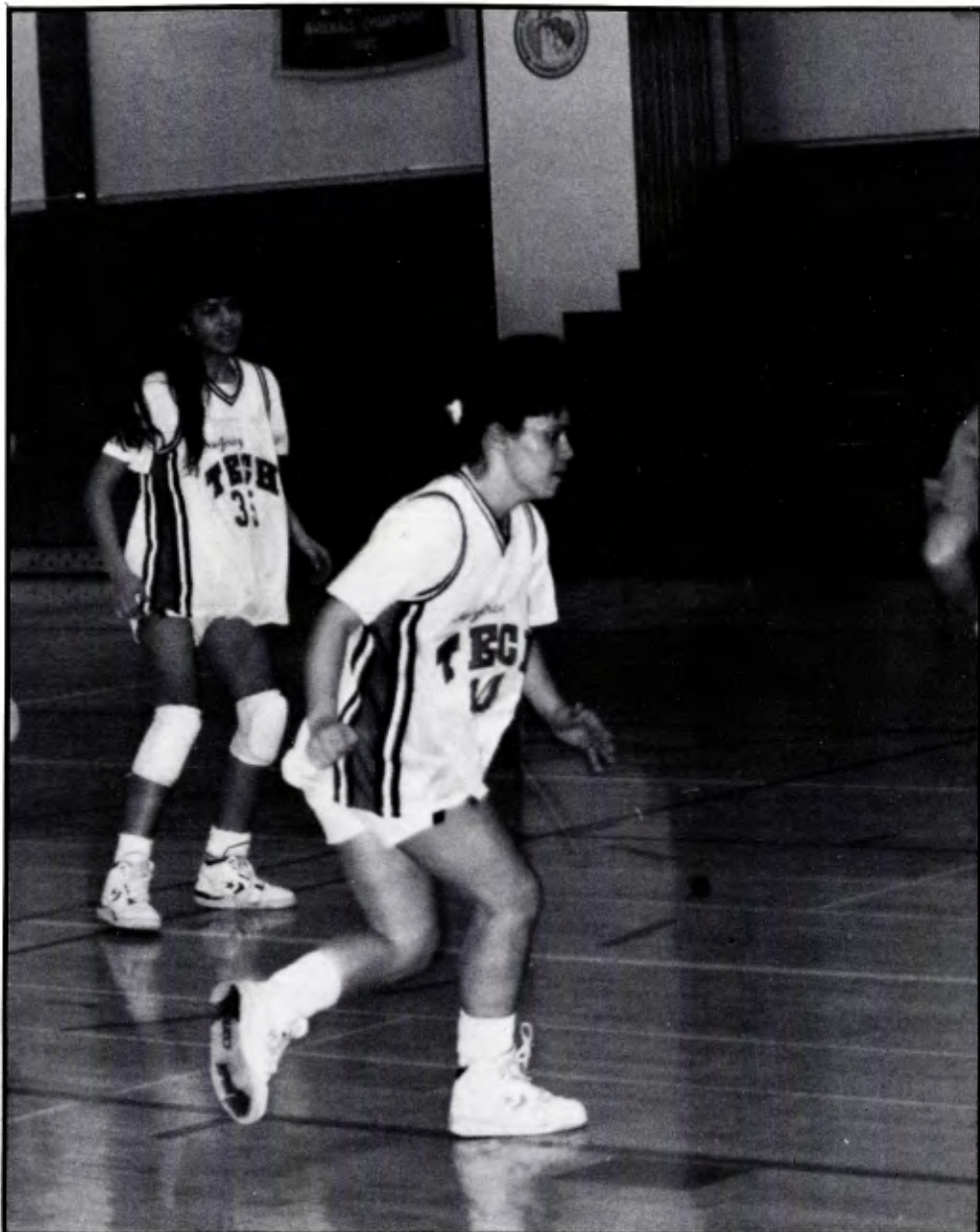
If there was ever a program that took a giant leap forward in one year, it was the women's basketball team. The Highlanders finished the 1991-92 season with a mark of 8-14, a school record for most wins in a season, and quite an improvement over the previous year's 3-19 slate.

What was more significant than the improved record was what happened when coach Brenda Zabriskie's team took to the hardwood. The Highlanders in each game displayed a resolve that enabled them to be competitive.

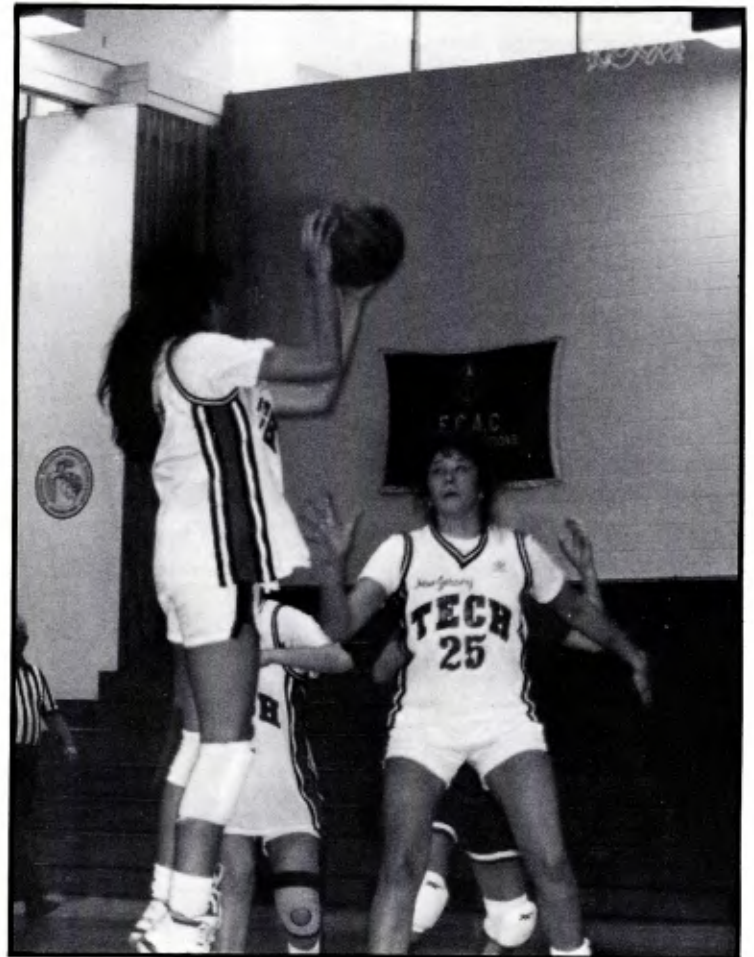
The major focus of this team was with the newcomers who had to step in right from the start and take on a major role. Out of seven players on this year's edition of the Highlanders, only two (sophomores Liliana Alvarez and Lucie Thibeaud) had at least one year experience playing at the collegiate level.

Alvarez and freshman Nevea Van Wright, Tech's Most Valuable Player, paced the Highlander attack in 1991-92. Alvarez, who twice this season was selected to the ECAC Honor Roll, averaged 12.6 points and 10.3 rebounds a contest.

In her first collegiate season Van Wright led the team in scoring with a 15.6 average. For her efforts Van Wright received WIAC Honorable Mention honors.



Lady Hoopsters Score High



It was a "good news-bad news" scenario for coach Dave DeNure and the men's volleyball team as it entered the 1992 season. The "bad news" was that DeNure had to replace five starters from the 1991 squad that captured the Eastern Intercollegiate Volleyball Association Tournament championship and qualified for the EIVA post-season playoffs. The "good news" was that the Highlanders returned eight lettermen, including team captain Eric Wenstrom.

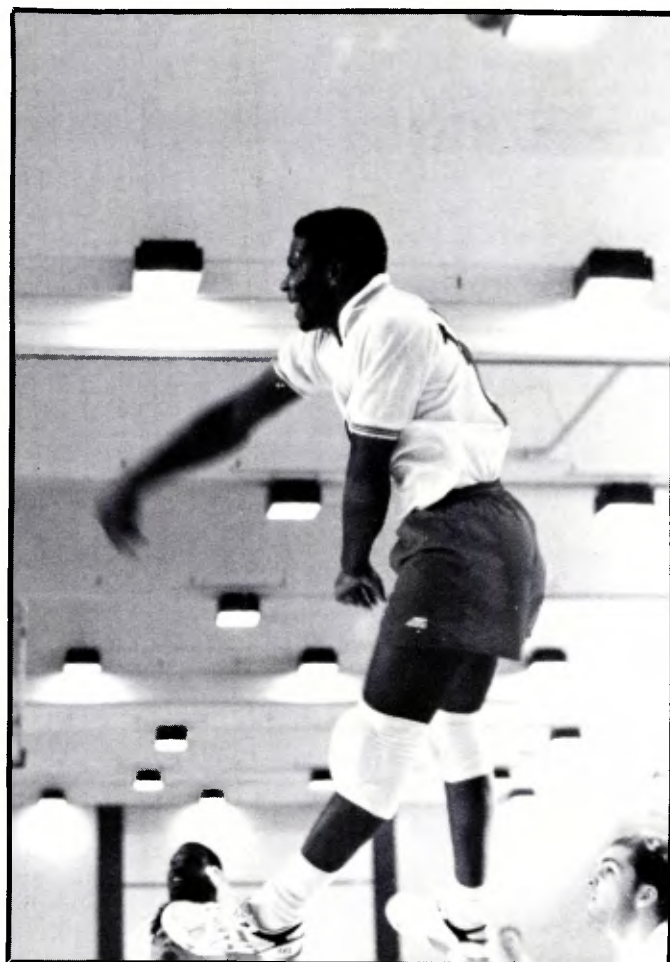
The Highlanders enjoyed another winning season, finishing with a record of 19-16 and capturing the Independent Athletic Conference championship. New Jersey Tech also placed second in the Eastern Conference of the EIVA and third in this year's EIVA Tournament, quite an accomplishment considering all the new faces on this team from 1991.

DeNure was selected as one of eight collegiate coaches to be clinicians at the Youth Education Sport (YES) Clinic. Held in conjunction with the NCAA Volleyball Final Four, DeNure will address grade school and high school volleyball players, ages 10-18, on the art of spiking.

New Jersey Tech was once again led by team MVP Wenstrom who led the country in service aces and was ranked among the nation's best in kills per game throughout the 1992 season. Another solid contribution was turned in by newcomer Anthony Valbrun.



Sky High Spiking



New Jersey Tech basketball fans had plenty to cheer about in 1991-92. The season proved to be another memorable one as the Highlanders captured their seventh Independent Athletic Conference championship in Jim Catalano's 13 years as head coach and advanced to the championship game of the Eastern Collegiate Athletic Conference Metropolitan Tournament. For the fifth time in six years, New Jersey Tech surpassed the 20-win mark.

Junior Lance Andrews and seniors Kevin Jackson and Lou Mezzina each went over the 1,000-point plateau for their careers. Andrews needs 528 points to surpass Chris Miles (1988) as the school's all-time leading scorer. Jackson and Mezzina concluded their careers at New Jersey Tech with 1,139 and 1,104 points respectively. Catalano reached yet another milestone in his brilliant coaching career. New Jersey Tech's victory over Upsala in the Jersey "9" Tournament on Saturday, December 7, 1991, was win number 250 for Catalano.

The Highlanders opened up the 1991-92 season by winning their first seven games. During the course of the basketball campaign New Jersey Tech finished a perfect 8-0 in IAC play and finished second in the Skyline Conference with a 6-4 mark. Among the highlights were victories over Manhattanville, Stony Brook and Division II Adelphi.

The Highlanders began their quest for their seventh IAC title with an attitude



Winning On The Hardwood

of "business as usual". Seeded first in the tournament, New Jersey Tech drew fourth-seeded and host of the annual post-season affair New York Maritime in the semifinal round. The Highlanders came away with a hard fought 87-70 victory over the Privateers. Mt. St. Vincent would be the next opponent for Catalano's team. Behind the play of Jackson (26 points) and Andrews (18 points), New Jersey

Tech rolled to the title with a 96-72 triumph over Mt. St. Vincent.

New Jersey Tech entered the ECAC Tournament as the number one-seed. The Highlanders drew John Jay College and crushed the Hounds, 106-84. Jackson and Jones each scored 25 points to pace the Highlander attack. The Highlanders defeated FDU-Madison, 79-76, in the semifinals as

Andrews tallied 26 points and Sophomore Alex Jones contributed 17 points and seven rebounds. However, Tech's luck ran out in the ECAC championship game as the Highlanders fell to Glassboro State College, 91-84.



Up to the 18th century, arguments were often settled by means of a duel in which two men fought with eight swords or pistols. As the world began to develop a legal system and men learned to settle their differences in a more "civilized" way duels with swords changed to a skillful sport which we now call fencing.

New Jersey Tech holds a long reputable tradition in the sport of fencing, which dates back to the 1920's. In 1992 the men's fencing team capped off its most successful season in more than a decade by capturing its first ever Independent Athletic Conference title. The Highlanders also sent four fencers to the NCAA Regional Championships.

Under the direction of first-year coach George LaTorre the Highlanders compiled a team record of 10-8, quite an accomplishment considering the New Jersey Tech fencing program had a combined eight wins from 1988-91. Team captain Pat Clune, Fabian Herrera, Mohammad Shafaie and Rolan Yang represented New Jersey Tech in the NCAA's. Clune compiled an individual mark of 49-8 and advanced to the second round in the NCAA Regionals.

Herrera, the epee' captain, and Shafaie also turned in stellar performances both compiling records of 31-19 and 34-19 respectively. Yang added 36 victories in foil competition.

Clune, the squad's Most Valuable Performer, and Herrera were accorded IAC and Jersey "9" honors. Yang earned All-Jersey "9" honors while Shafaie was selected to the IAC All-Star team.



A Duel Of Sorts



The judo team enjoyed another successful season behind the performances of Liza McKay and team MVP Marcus Dawson.

In his first season, Dawson earned Most Valuable Player honors at the Eastern Collegiate Judo Championships and the United States National Collegiate Judo Association Championships. Dawson placed first in the 172-pound division at both the Eastern and U.S. Collegiate Championships.

McKay also came away with MVP honors at the ECJA Championships as she captured the gold medal in the 106-pound weight class. McKay, a three year varsity performer, also placed second in the U.S. Championship.

Andis Kalnins and Charles Strobel also turned in fine performances. Kanin finished in second-place at the Eastern and Atlantic Regional Championships. Strobel came away with a silver medal at the Regionals in the heavyweight division.

As a team, the men's squad placed second and the women third at the U.S. National Championships.



The Take Down

Ask for a brief description of the 1992 New Jersey Tech softball team and "young and inexperienced" immediately comes to mind. The Highlanders have 13 players on the roster that are in their first year of playing collegiate softball.

The Highlander softball program supports a new look in 1992, a look that reflects a positive change. Rich Howell has taken over the reigns of the Highlander softball program this spring.

With so many new faces and underclassmen Howell's team has struggled out to an 0-4 start, showing a competitive edge in each outing.

There are six letterwinners returning from last year in senior Sandy Worley, junior Phyllis DeVos and sophomores Teresa Burney, Araceli Chavez and Doris Guerrero.

The top newcomer is freshman Dana Michael who has quickly become New Jersey Tech's number one pitcher. Freshmen Aliza Baez and Jacqueline Cirincione both have worked themselves into the starting lineup.

With an abundance of young talent and an added year of experience the Highlanders will be a force to be reckoned with next spring.



Women Play 'Hardball'



The 1992 edition of the men's tennis team might be the youngest squad that Stewart Cohen has coached in his ten years as skipper of New Jersey Tech's program. Out of nine players on this year's roster, only four have at least one year playing at the collegiate level. The remaining five are either newcomers or freshmen.

Despite being young and inexperienced the Highlanders have fared well through a tough early season schedule. As of April 10, the men's tennis team have a 2-1 record, 1-0 in the Independent Athletic Conference, and have been rained out of three matches to date.

With only three matches into the season, the Highlanders lineup show strength from top to bottom. Scott Lau, Luis Sinibaldi, Sandeep Ahluwalia, Gene Park and Dharmesh Patel all have turned in strong performances on the court.

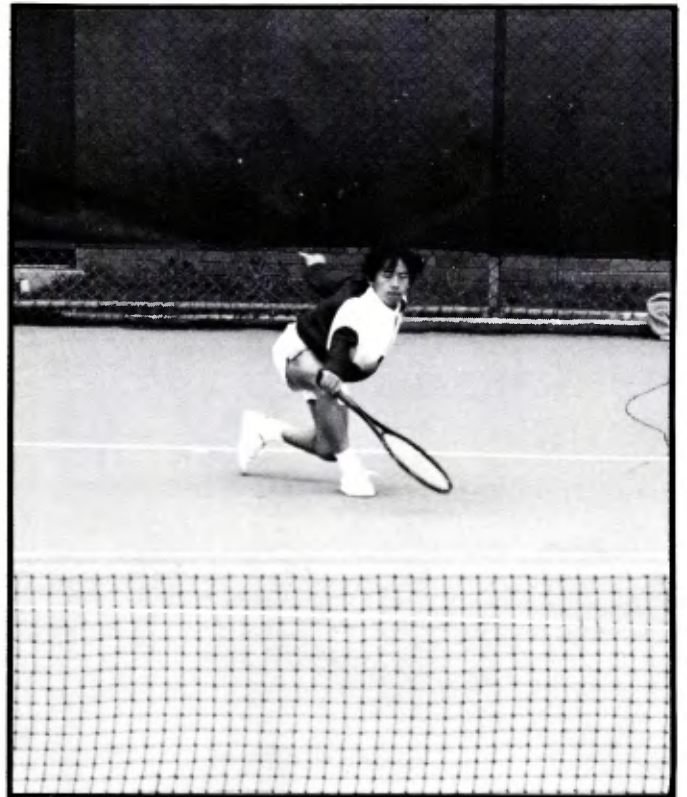
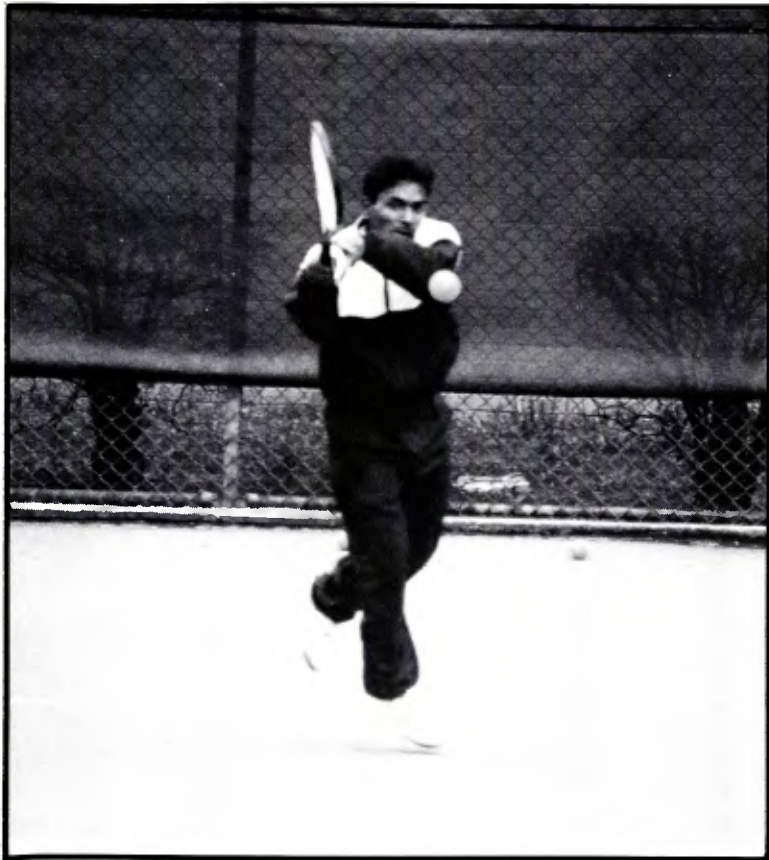
Lau has a 2-1 record at fifth singles, while Sinibaldi hold 2-0 at sixth singles. This tandem compiled a 2-1 mark playing third doubles.

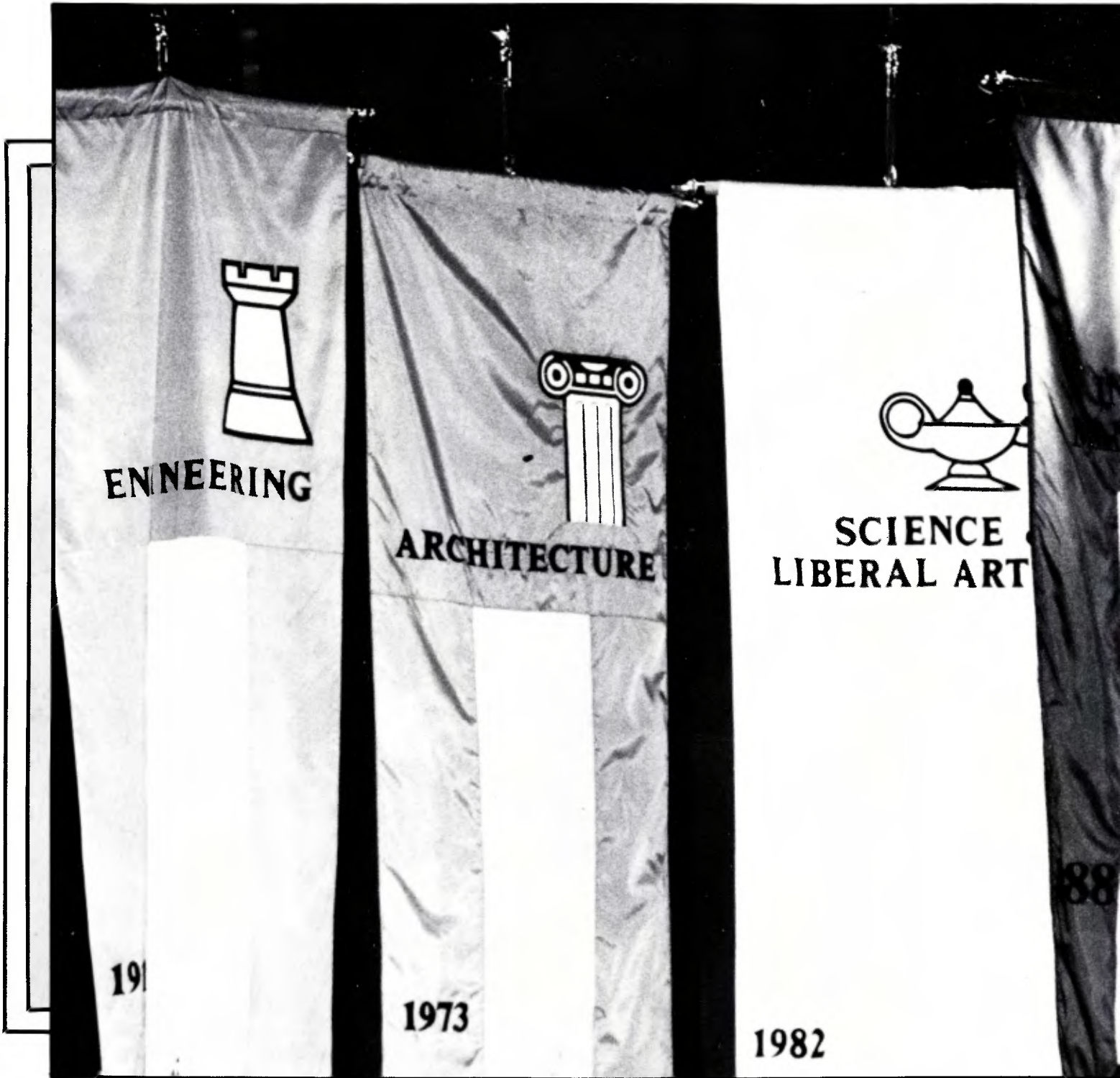
Park, the top returning player for Cohen, has been nagged by an ankle injury since the start of the season. Teammates, Ahluwalia and Patel, picked up the pace turning in a 2-1 record at second singles and duplicating that mark at third singles, respectively.

The Highlanders may be a year away from going all the way in the IAC. Don't be surprised to see Cohen's squad with an IAC banner in 1992 as the newcomers mature and the "veterans" continue their progress.



Serving Up Aces

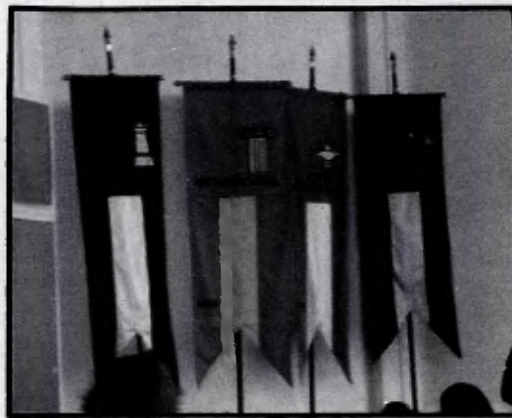




DESIGNING

The Future

Graduates



The Final Lesson



Newark College of Engineering has as its ensign a chess rook, an ancient symbol associated with engineering and problem-solving as well as an early device in heraldry. It is shown on a field of academic orange with the year 1919, as the date when academic degrees were first authorized for the college.



School of Architecture carries as its symbol a representational column head, the classic denotation of the discipline which is used throughout the college. It is shown on a field of blue violet, the academic color, and bears the year designation of 1973.



College of Science and Liberal Arts is identified by a lamp, another medieval symbol, commonly seen as a source of intellectual, moral and spiritual illumination. The white and gold of the banner encompasses both arts and letters and the theoretic and applied aspects of science. The college was organized as a degree-granting entity in 1982.



The American eagle in flight is the pictorial representation of the School of Industrial Management, symbolizing vision, control and integrity. Often depicted on coinage and currency, the eagle enjoys a historical tie to business and management and is shown against light brown, the academic color of its discipline.

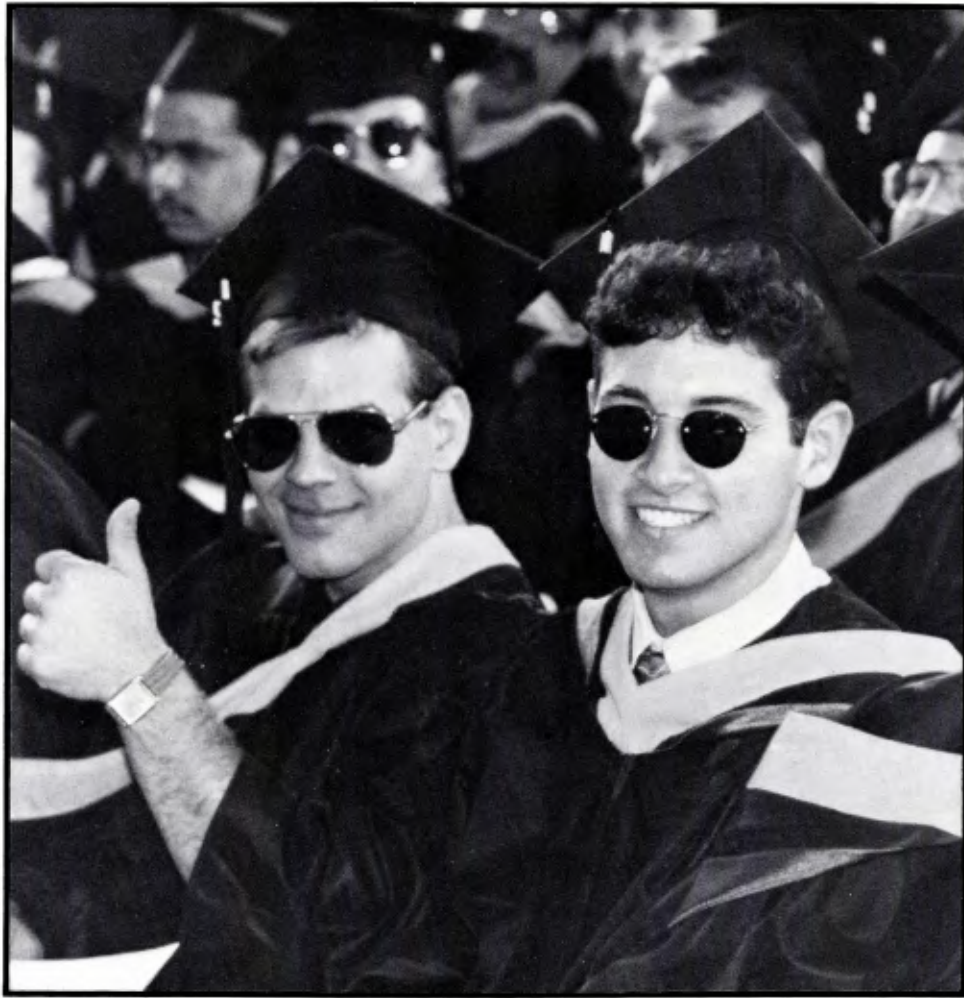


ALMA MATER

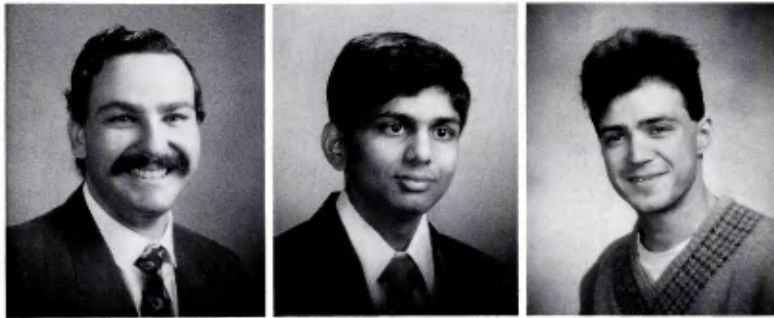
To Alma Mater fair and great
Our voices now we raise;
Our gratitude we demonstrate,
Her steady torch we praise.
Her challenge on us ever falls;
A world of knowledge calls.
In heart and mind
Our trust we'll bind
To our NJIT.
We'll hold her memory ever dear
Her spirit we'll revere.
To her we promise loyalty
Our own NJIT.

Music by
Professor James N. Wise

Lyrics by the late
Professor Frederick Fernsler



Newark College Of Engineering



Guinter B. Abellard • BS EE
Paterson, NJ
Khaled Amin, Abu Ali • BS EE
New Brunswick, NJ
Nicholaos C. Antoniou • BS CoE
Cliffside Park, NJ
Ambalayanar Arulambalam • BS EE
Gettysburg, PA
Bahram Asgarian • BS ME
Morristown, NJ



Hiskiyas Assefa • BS EE
Newark, NJ
Atefeh Ataeefer • BS EE
Jersey City, NJ
Paul Athis • BS EE
East Orange, NJ
Jorge Barreto • BS ME
Elizabeth, NJ
Michael W. Bensch • BS EE
Boonton, NJ



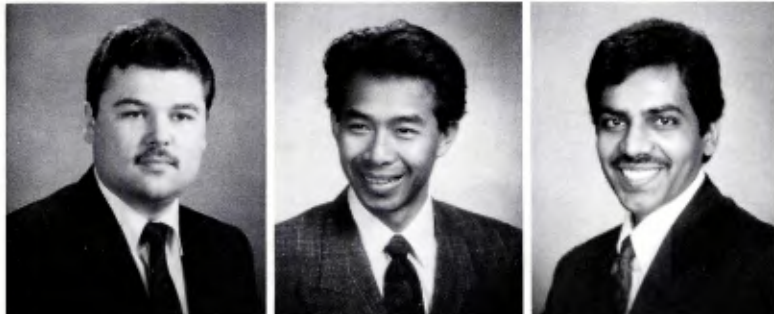
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Bayonne, NJ
Sajad Syed Bilgrami • BS ME
West Swedesboro, NJ
Frederick C. Bivetto • BS ME
Teaneck, NJ
Michael J. Bizub • BS EE
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Robert J. Bruno • BS EE
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Timothy G. Burke • BS ME
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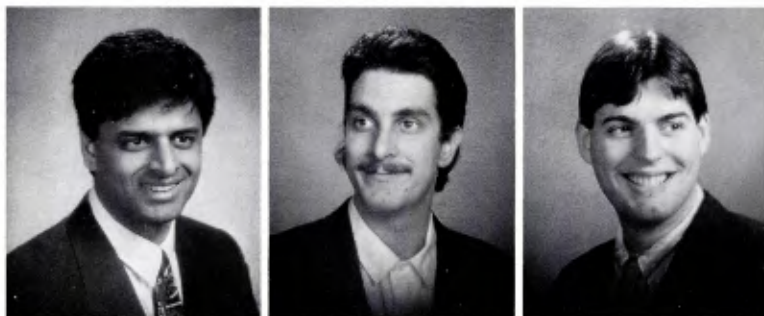


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Paul F. Campana • BS IE
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Peter J. Canal • BS CET
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Raymond Carbone • BS EE
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Mithona A. Chey • BS EE
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Dinesh B. Chodavadia • BS EE
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Nga Ai Dang • BS EE
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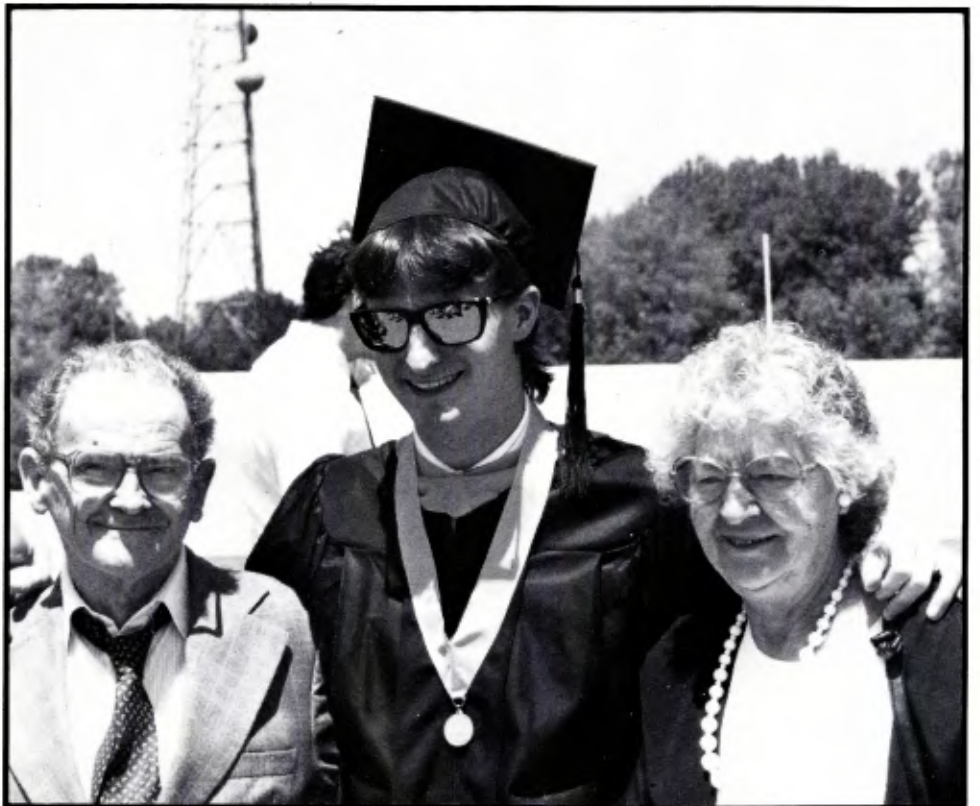
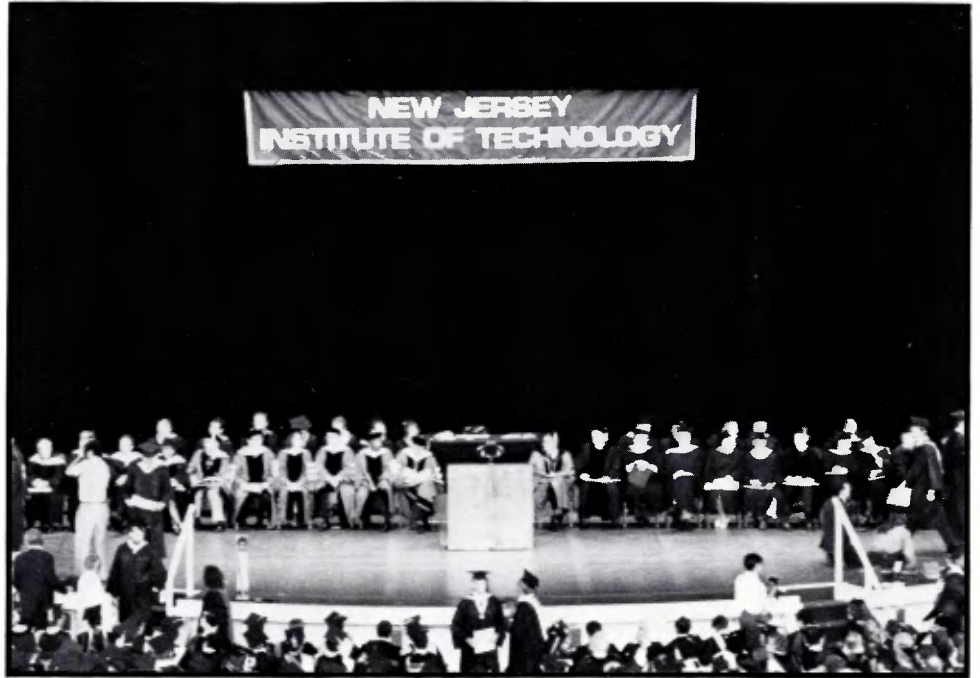
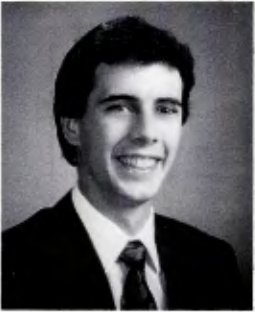
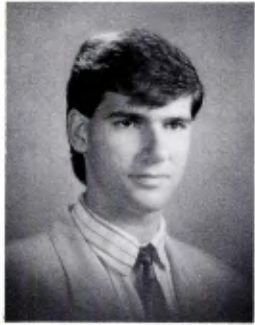


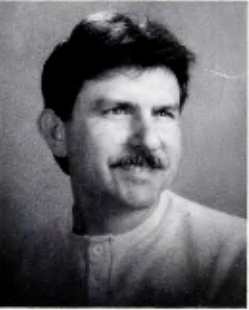
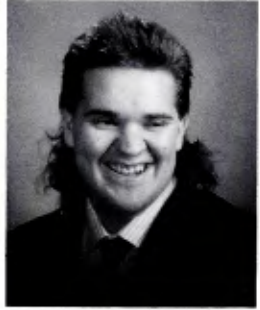
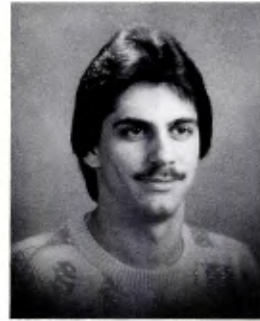
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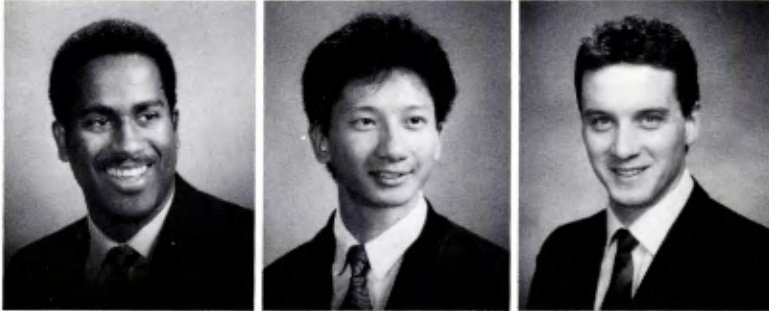




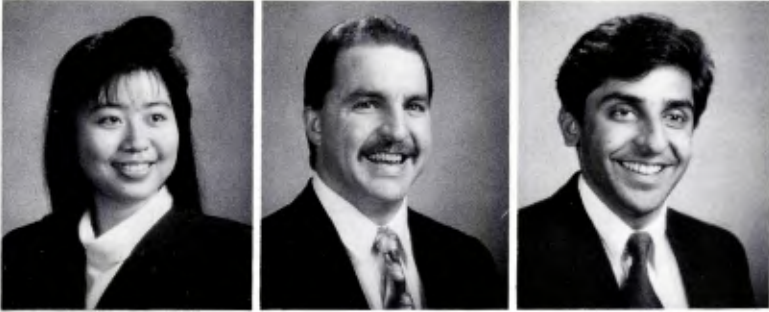




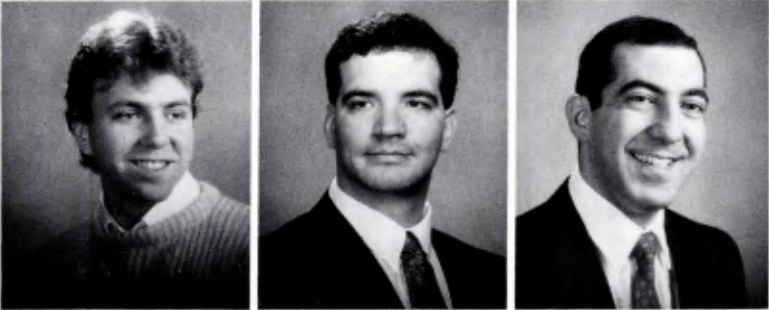
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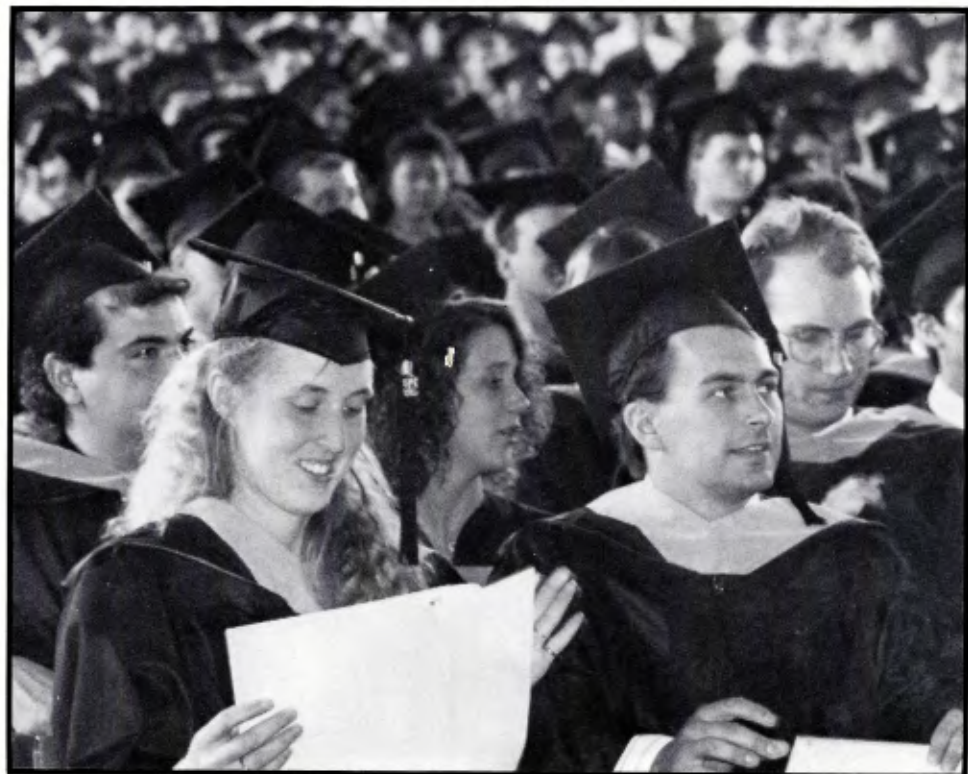
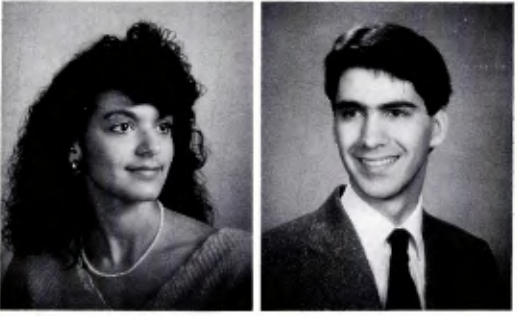


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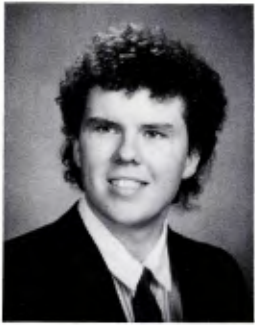


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Haresh P. Narielwala • BS EE
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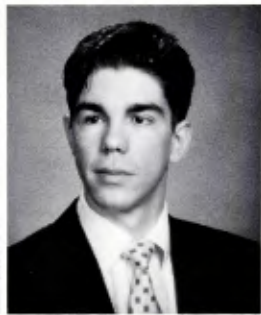




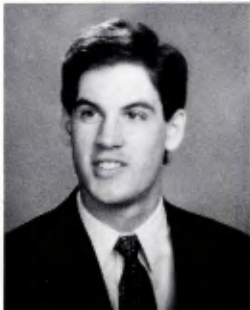
Ivan M. Nevarez • BS ME
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Theresa O'Connor • BS EET
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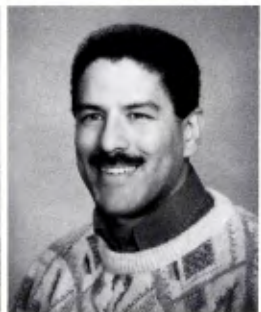
Joseph A. Otero • BS EE
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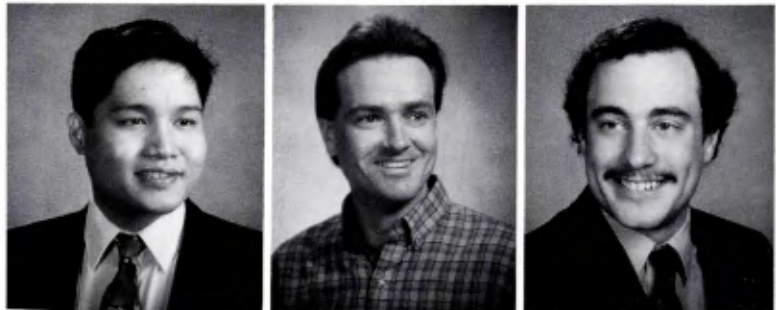
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Oceanville, NJ
Mary Lynn Seroka • BS IE
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Tirath J. Shah • BS EE
Paramus, NJ



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Ahmad Fahri Siddik • BS EE
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Dann Clark Smith • BS ME
Bayville, NJ



Nathaniel I. Soliven • BS EE
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Roger F. Stahl • BS EET
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Bowie, MD
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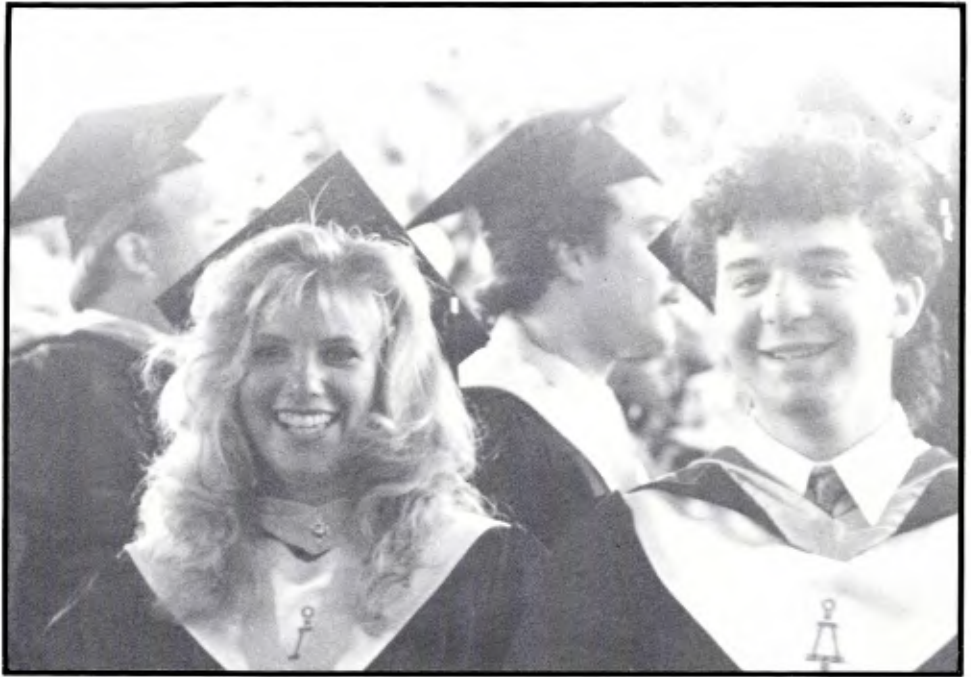
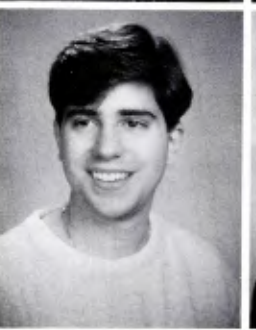
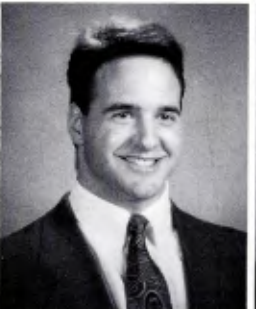
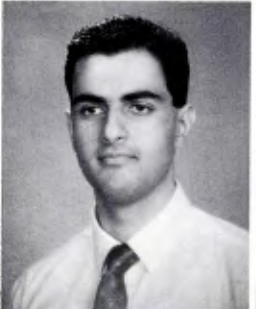
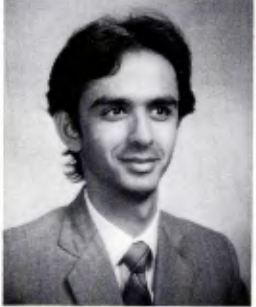


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Olinda C. Taysing • BS IE
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Susan M. Thompson • BS ME
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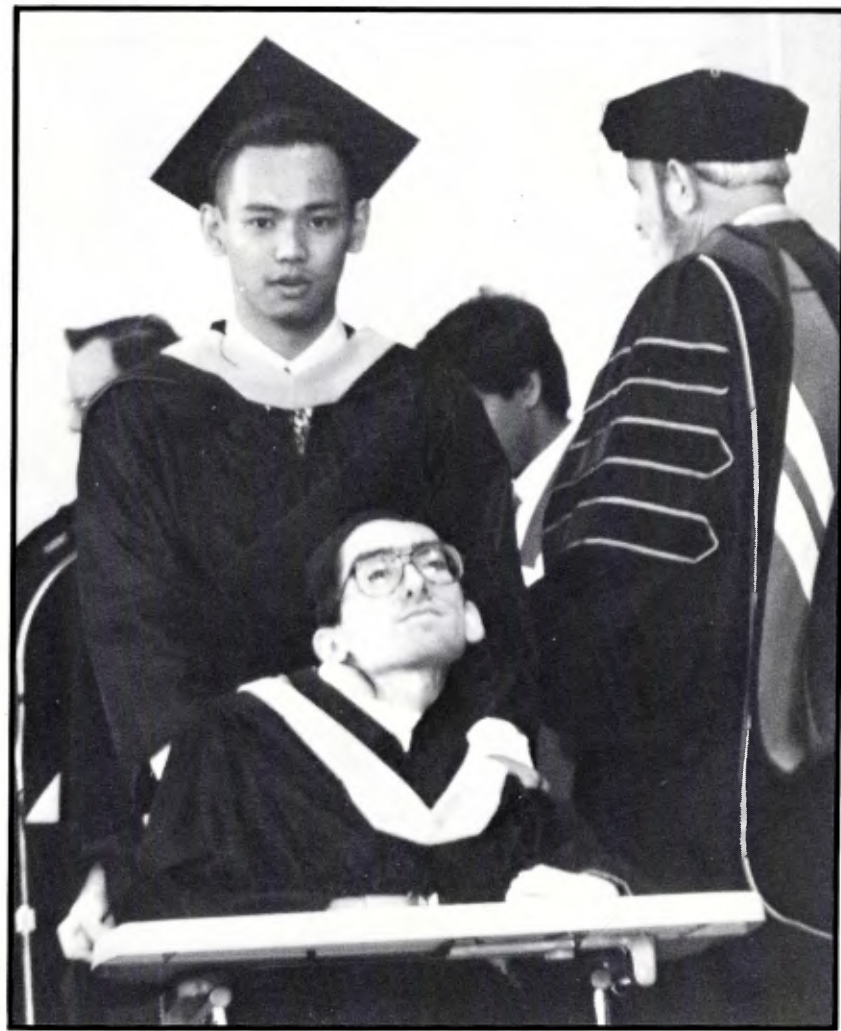
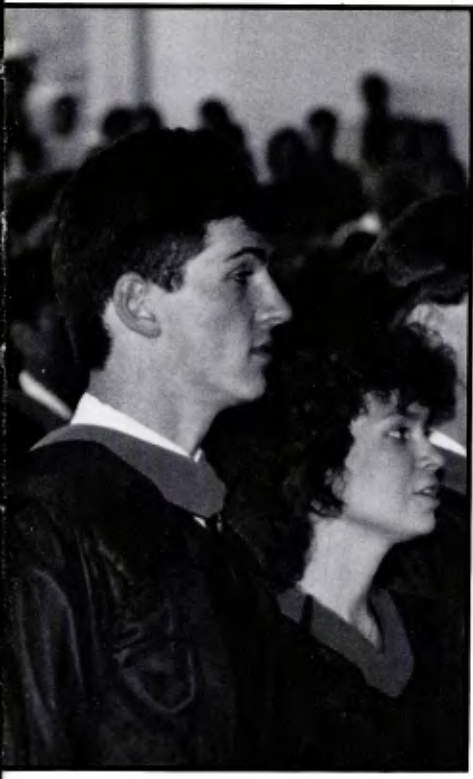


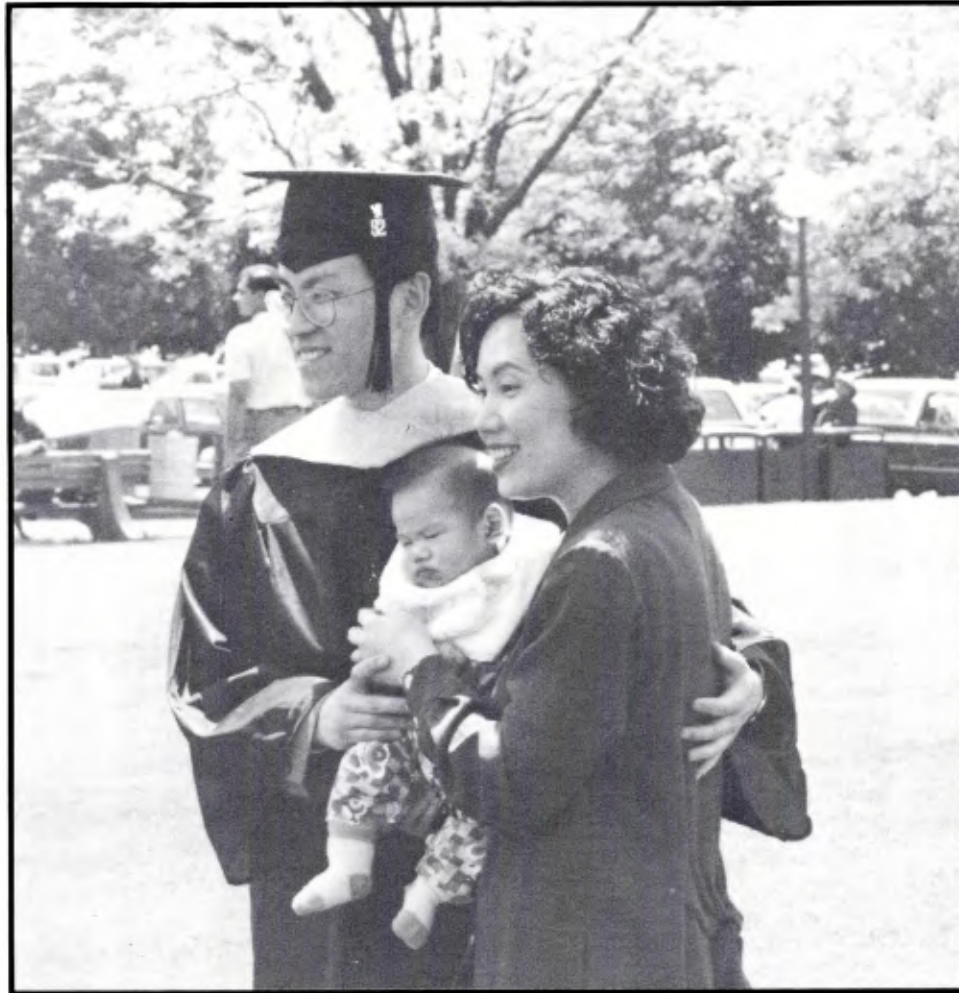


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Anthony B. Vandeven • BS CE
Whippany, NJ
Hai Van Vu • BS ME
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William R. Wong • BS EE
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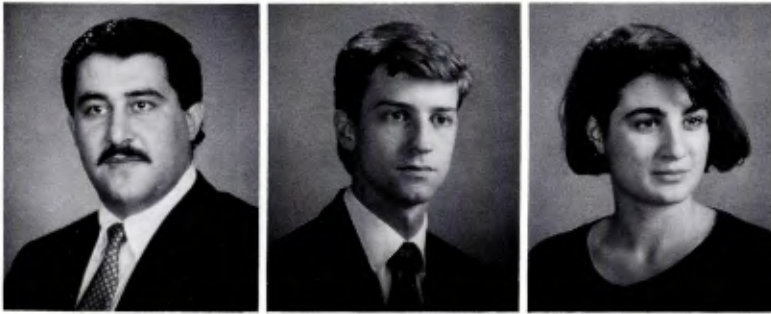
James A. Yerovi • BS EE
Wayne, NJ
Faheem Yousef • BS EE
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Siby M. Zachariah • BS CE
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Jaiat G. Zahablun • BS EE
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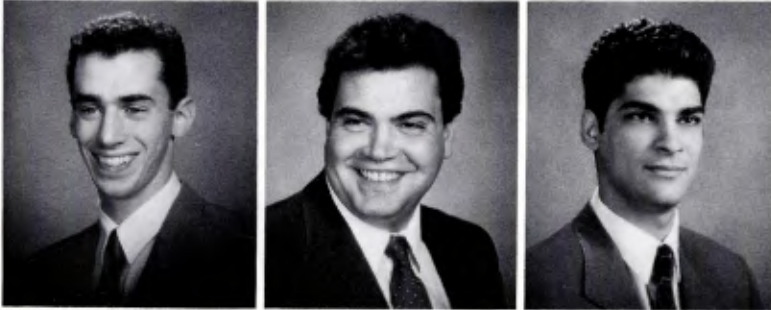


School Of Architecture





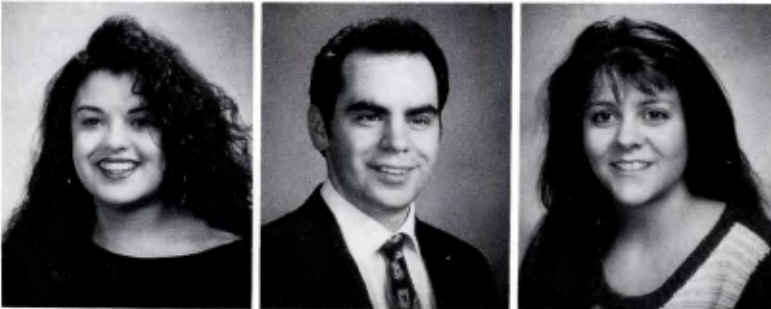
Glenn A. Arbesfield • B Arch
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Stephen Brunhuber • B Arch
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Maria C. Buccì • B Arch
Orange, NJ



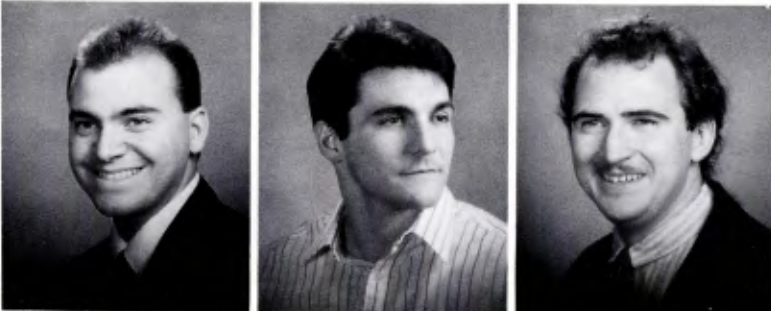
Timothy M. Carlo • B Arch
Pequannock, NJ
Steven P. Casano • B Arch
Irvington, NJ
Salvatore Costanza • B Arch
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Russell DeRosa • B Arch
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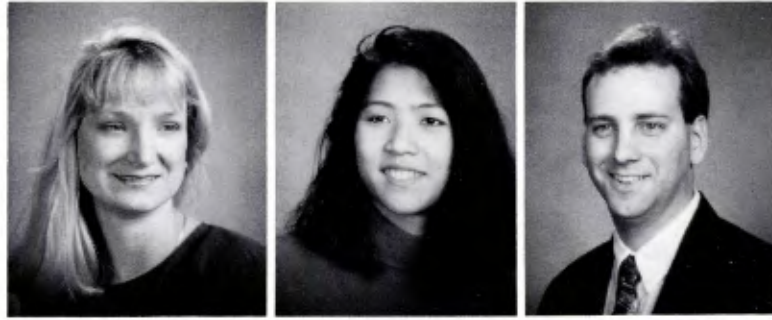


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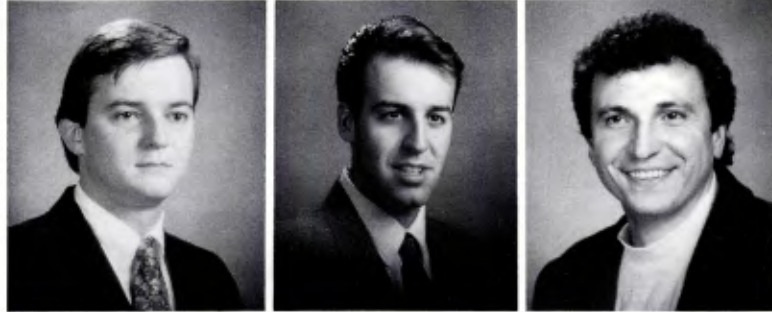


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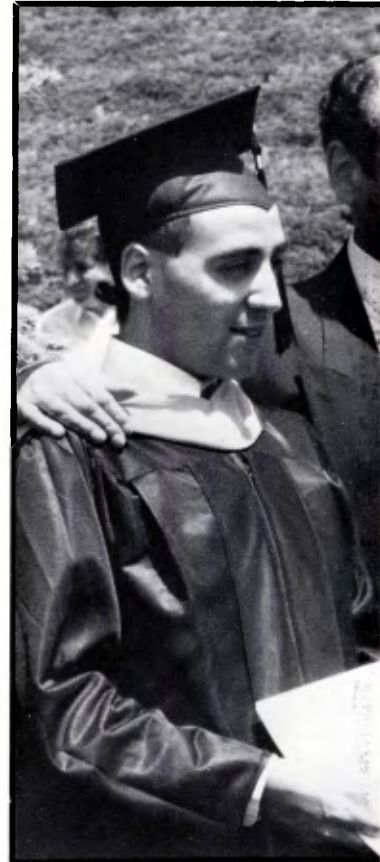
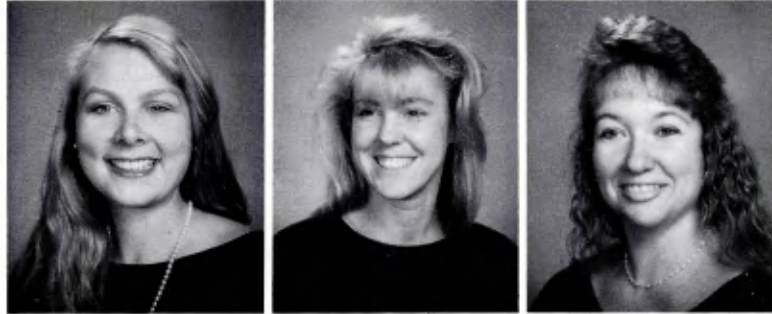
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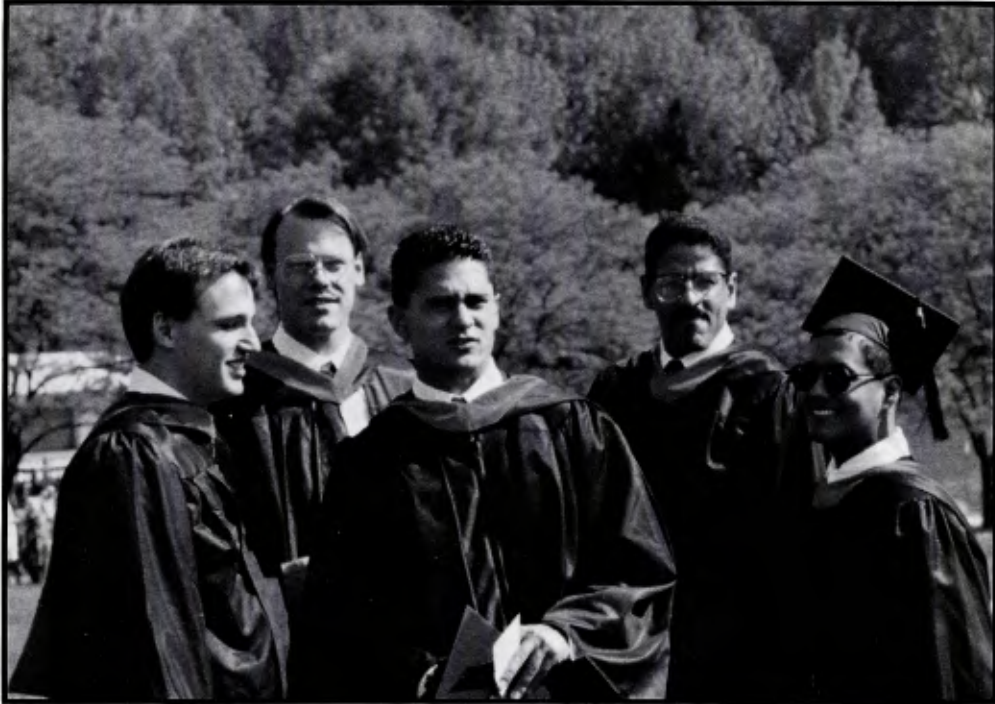
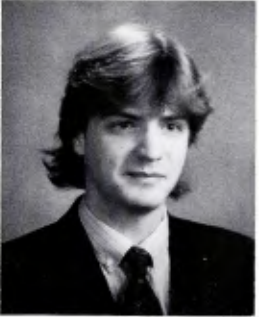
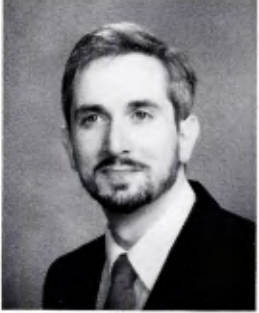
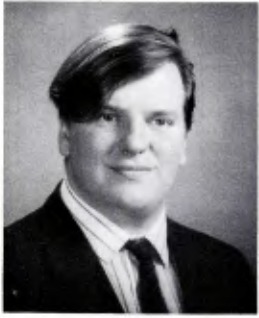


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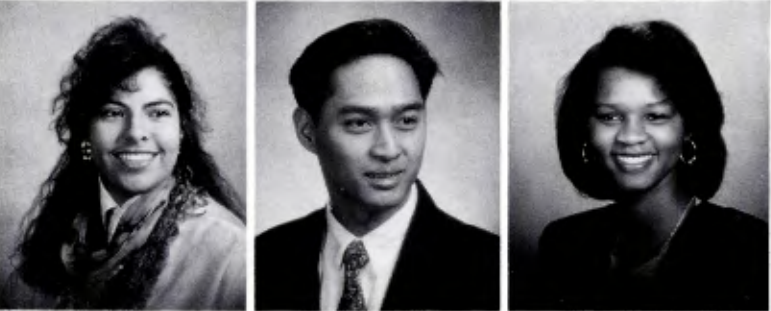
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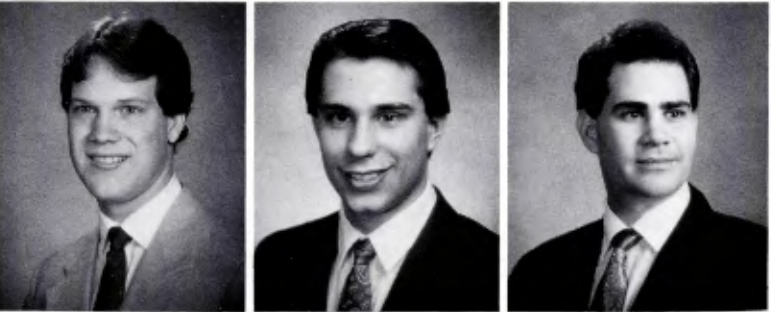
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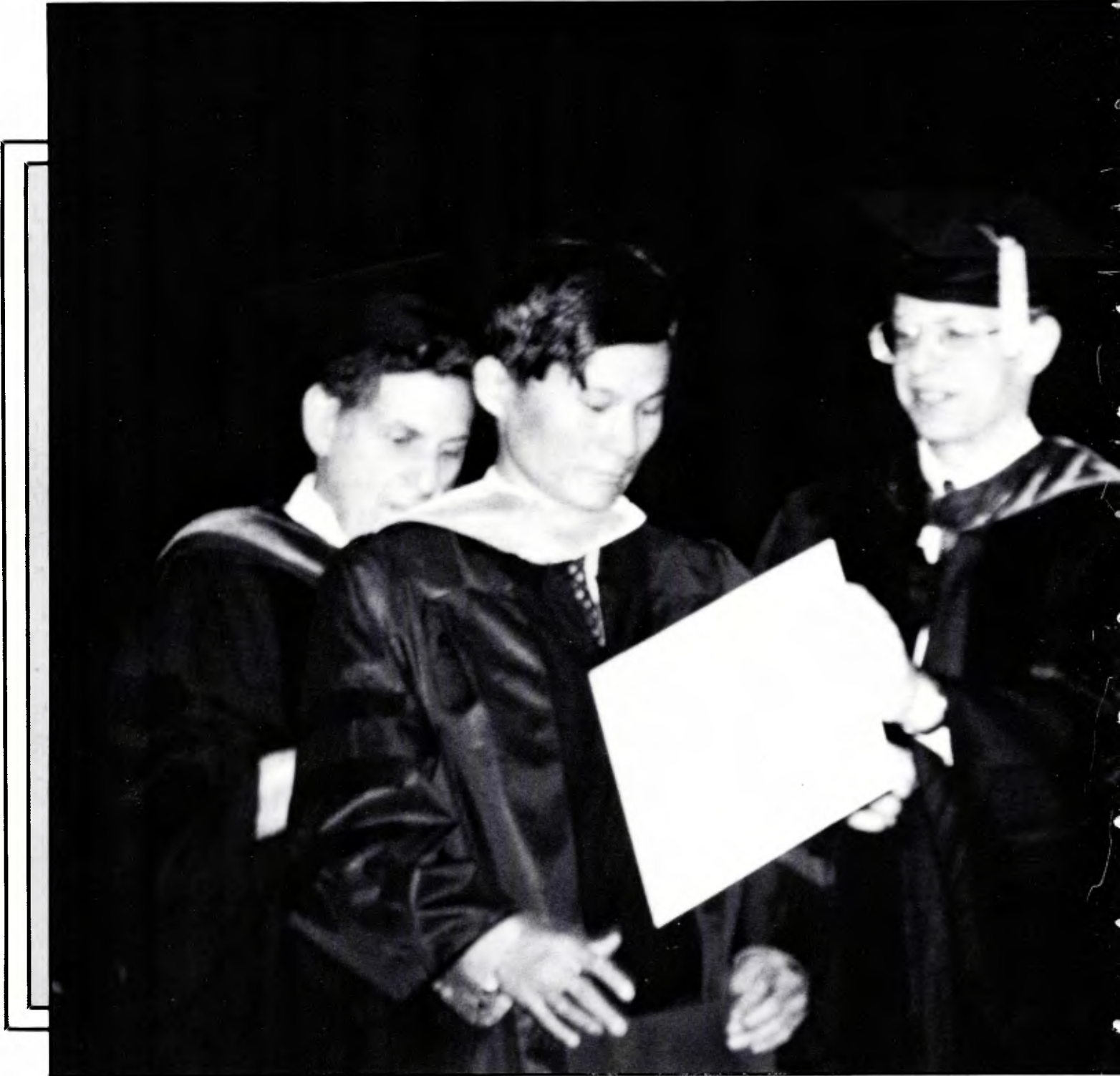
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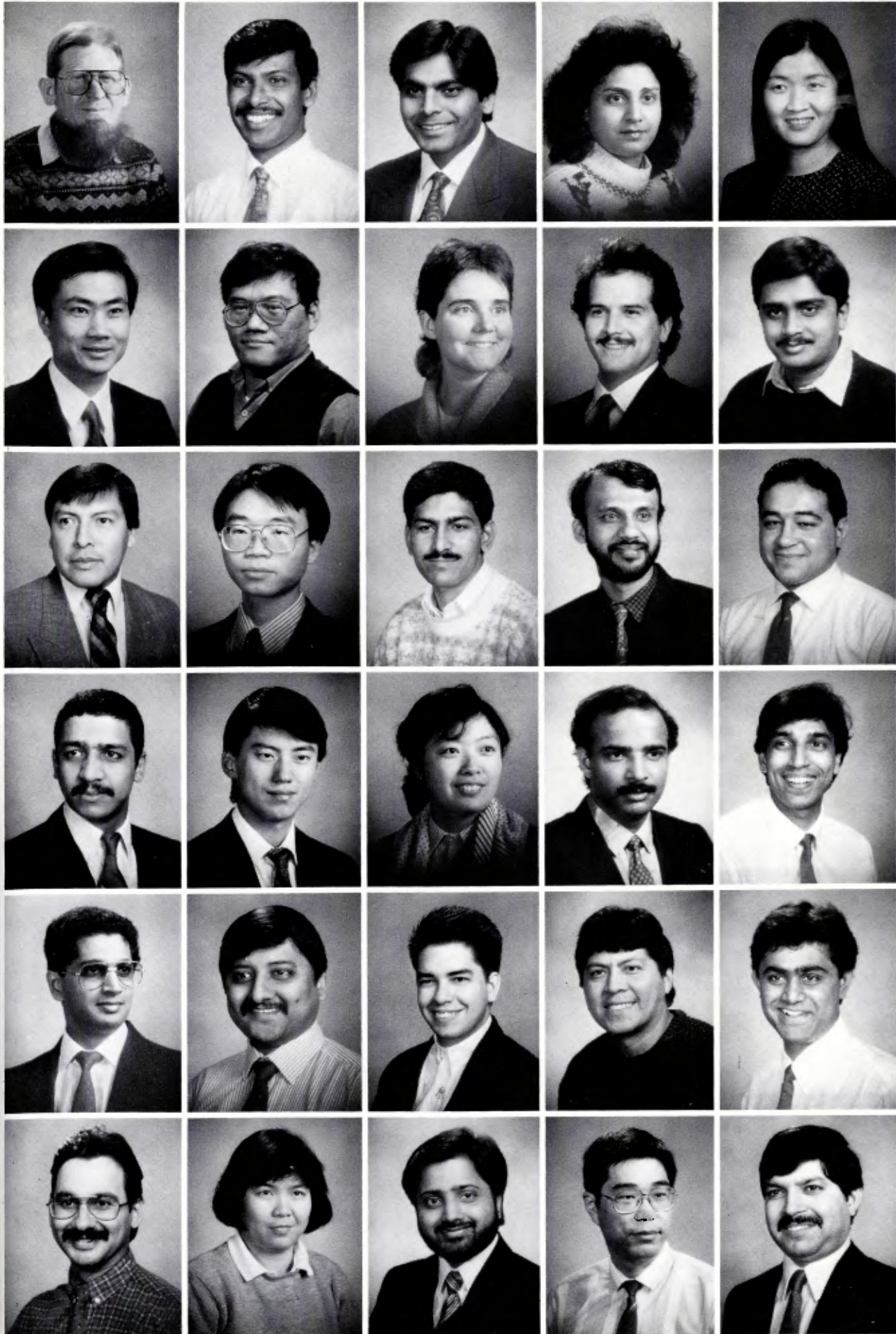


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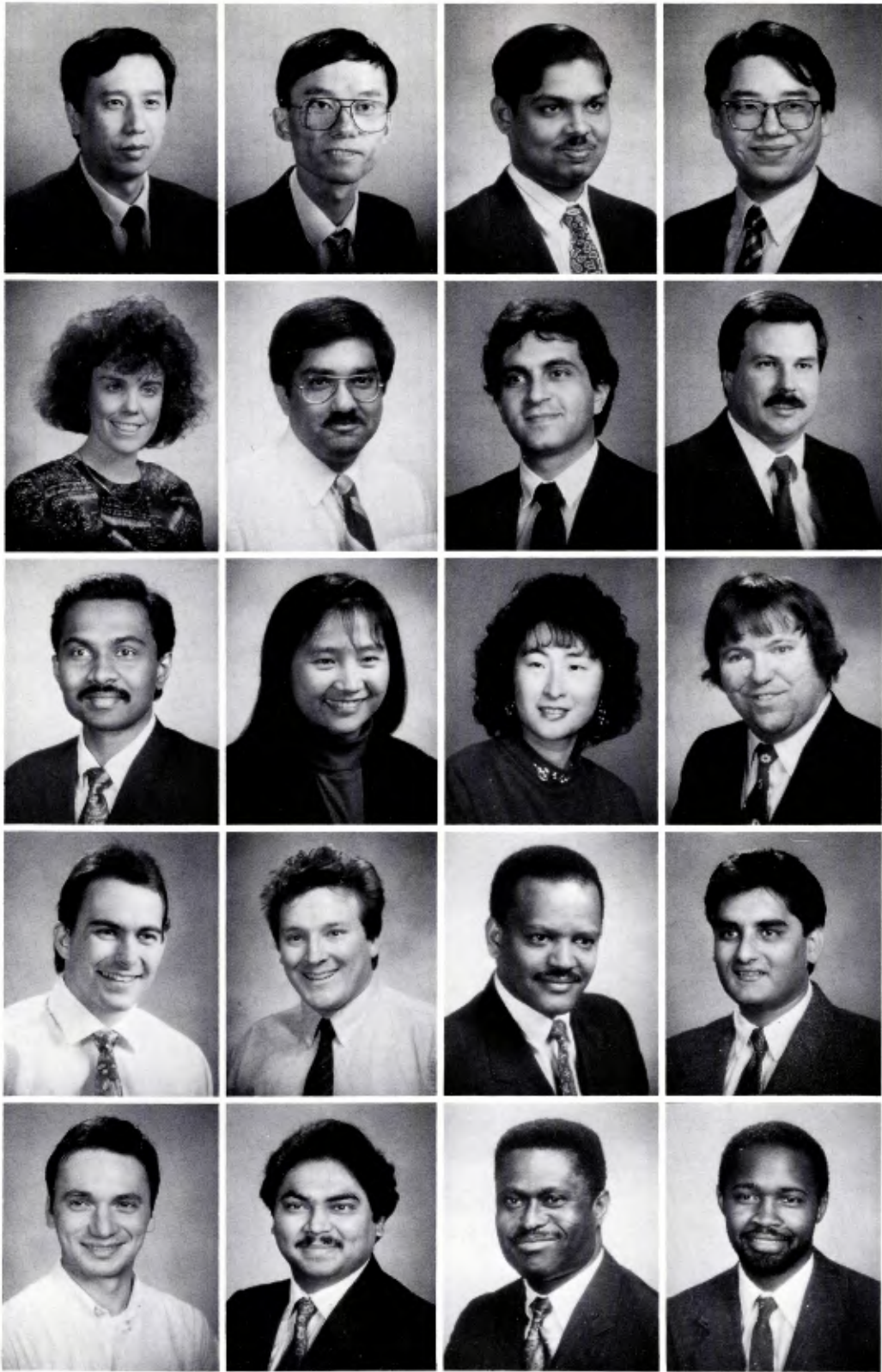


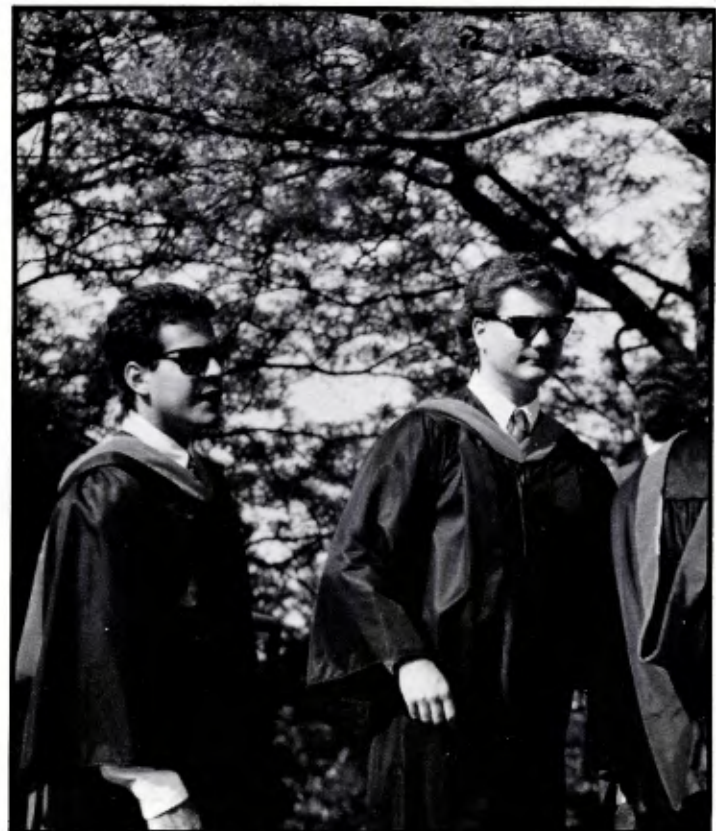
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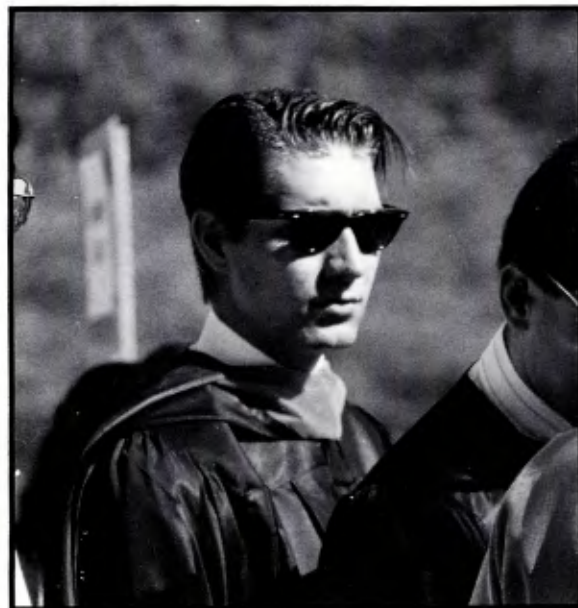


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In Closing...

If there is one lesson I learned while putting this book together, it's that no job on a yearbook is too big; or too small for that matter. I would like to thank everyone who fell between those two borders. The job you did was significant. **Thank You:**

Kim, for your drive to get something out of me and the motivation to follow through. You did a great job!

Liliana, despite your absence a lot of the year, your enthusiasm was always with me. I'm sure you will be a great force in '93.

Keri, for your patience and hard work. You were a big part of our successful senior sitting.

A.J. and Carlos, for sometimes rearranging your schedules to make it to that shoot. Our photography this year was tremendous.

Betty, I told you that you could write for an audience. Thanks.

Phyllis and Craig, you two did a great job! Our first Retrospect section ads that extra special touch to the book. Thanks.

Luke, Vicky, Humby, Geri, Mei-Ahn, Glenn, Vram, and Diana, even though you didn't have specific titles and responsibilities, you all managed to do as much as you possibly could whenever possible. All of your 'Behind the Scenes' work is why this book turned out as good as it did. Thanks for all of your hard work.

Special Thanks to:

Bonnie Blackman our 'ever persistent' representative from Jostens. You are a wonderful person and a great friend. Thanks for everything!

Rick Brooks, our Artist from Jostens. Welcome back to NJIT Rick. You did a wonderful job for us this year. Thanks for a great cover.

Varden Studios, for their time and support.

Senior Class Committee, for your time and dedication with senior portraits.

Gloria Phipps, Dottie Wright, and Cathy Ruvolo,



for your help and assistance and the ability to help me track down Bob!

My new support staff at Loyola College. **Rachel and Kevin**, you guys helped more than you know. To lasting friendships.

Last but certainly not least, **Bob Moran**, our leader and advisor. Thanks for your guidance, support and most importantly your trust. You will never know how much you mean to the Nucleus and its Staff. Thanks again!

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The 1992 Edition of **The Nucleus** was printed by Jostens Printing and Publishing, in State College Pennsylvania. The 69th volume had a press run of 400 copies. Pages were printed using 100% black ink with pages 1-48 printed on 100 lb. gloss paper and pages 49-192 printed on 80 lb. gloss paper. Endsheets were printed on white parchment using a half tone Hairy Paper A screen. The cover is smoke #491 with a mammoth grain added and copper foil #382. The cover was set on 120 pt. binder board. The cover and endsheets were designed by Rick Brooks, of Jostens, State College, Pennsylvania. The primary type style is 12 pt. Benguait Book and 12 pt. Palatino with individual headlines determined by section. All color photography was taken by Nucleus staff photographers and processed by Varden Studios, Rochester, New York. All black and white photography was taken by students and Nucleus Staff photographers and processed by Varden studios. Senior Portraits were taken by Varden Studios. The Nuclues was sold to students and faculty at a cost of \$30.00. The total operating budget of The Nucleus is \$30,000. All questions may be directed to:

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