ARRIVING

The sun rises over Newark early in the morning. Many lie asleep in their warm beds in the dorm. Most, however, are waking up to face the new day.

In these early hours many of us are stuck in traffic, fighting our way to find an open parking spot, or waiting in the cold for a bus or a train.

Cups of coffee and "quickie" breakfasts are consumed as students and professors rush to get to their classes on time.

These are the "signs of arriving" at NJIT.

Upper Right: Traffic Rt. 280 at 8:30 A.M., "isn't it fun." 
Upper Left: Sunrise over Seaside.
Middle Top Left: "Wake up Mike!" 
Middle Left: "Welcome to Newark!" 
Middle Lower Left: "Welcome to Newark!" 
Middle Top Right: Upon arriving, most students lose one token (do not pass go, do not collect $200).
Middle Lower Right: The stampede to class.
Bottom: Joe the cop says, "Drive safely, but don't park here."
About the Cover
High on a hill overlooking the skyscraper office buildings of Newark's business district and New York's ever famous skyline stands Eberhardt Hall, NJIT's castle. Once an orphanage, it now houses the Institute's administrative offices. The red brick building was constructed in 1865. It was designated a historical landmark in 1973.
SIGN (sán) n. 1. Something that suggests a fact, condition, or quality not immediately evident; an indication
2. An action or gesture used to convey an idea, desire, information, or command
3. A board, poster, or placard displayed to advertise or convey information
4. A conventional figure or device that stands for a word, phrase, or operation
5. A trace or vestige; no signs of life
From: American Heritage Dictionary

During our journey through college as often in life, we see many signs. Although we take them for granted, these signs are reflections of the world we live in. Permanently fixed to their surroundings, they stand as reminders of times gone by. Each time we pass an old familiar sign, we will remember the good times we spent in its vicinity.

Try to recall the first time you saw a certain sign. Were you at a new stage in life? Perhaps it was your first day at a new job, or at a new school. Soon enough the sign grew to be familiar as you became accustomed to your new surroundings. But, you knew that this sign too would be replaced by signs a distance away.

Along these lines we have assembled signs of our college experience, to keep and cherish the rest of our lives.

Look through the pages of this book. Each time the miles roll away, you will see a limitless number of signs of 1984 and you’ll remember the good times spent at NJIT.
METAMORPHOSIS

Over the past year there have been many changes taking place at NJIT. While some affect us more than others, all of these new happenings reflect the growth of our college, physically, academically, and socially.

The biggest changes deal with the physical expansion of our campus. The Mechanical Engineering Building, whose construction began in the summer of 1982, has finally been completed. It contains two lecture halls and various classrooms, laboratories, and offices for Mechanical Engineering, our largest major. Classrooms opened in January. The new architectural studios in Colton Hall were also completed. These studios helped to reduce the amount of architecture classes in the “Z” Building and gave the architects a pleasant environment for thinking and drawing. Finally, the second Residence Hall will more than double the number of students residing on campus. Geared toward independence, each room comes with a kitchenette, and a bathroom which is shared between two rooms. In addition, changes have been made academically. Several new majors, statistics and actuarial science, and applied chemistry, have been added to the curriculum.

The increase of women in NJIT has brought about a social change with the emergence of organizations for women. Three sororities have been formed (one reestablished), and sports such as women’s tennis and fencing have been added. These activities and organizations allow women to become an integral part of the NJIT community.

As with all change, some adjustments take time to be accepted and work effectively. Registration by computer has caused initial confusion but has eventually sped up the scheduling process. New terminals on campus make NJIT life easier, but will do more when the system is made to better accommodate the load. More clubs than ever before now find their home base in the Center’s Lower Level, but those groups used to extensive space have learned to adjust to their smaller surroundings. Change does sometimes mean compromise.

The “Signs of 1984” are truly reflected in the changes around us. They are indicative of the growth on campus as we strive toward a bigger and better NJIT.
RESIDENCE LIFE - A SIGN OF "LIVING"?

Alarm clocks blaring
Trying to wakeup
Cold showers
Lock-outs
The "R.A."
Weekends-residents are always anxious to stay
Elevator is always working very efficiently
Laundry over the weekend
Neighbors' stereo blasting
Ping Pong and Pacman
Objects accidentally fall out of windows
Hamsters, birds, fish, fuzzy green things with yellow eyes
Still no mail
Interrogation of guests as they sign their life away
Parties, Parties, Parties
Friends always there
Phone always busy
I feel sorry for the custodians
Who slept in my bed?
This Page, Top Left: The ISA runs their annual festival. Top Right: Nick with one of his signs, as MaryAnn looks on. Middle Left: "Edmund & Friends". Bottom Left: Summer biker makes a day of it. Bottom Right: Look up in the sky... it's a bird, it's a plane...  uhgh... it's a bird. Opposite Page, Top Left: Sue Wolff flips over the "Space Ladder". Top Middle: Watch out Princeton here comes a Highlander! Top Right: Catchin' a tune on the Green. Middle Left: Architects and their Pumpkins. Middle: Studying and sleeping. Mother and Child. Middle Right: Dogs and Frisbees, a college tradition. Bottom Left: Manny smiles for the camera. Bottom Right: Sigma Pi, "roofing it."
Computer technology has become a major force in society today. Many of us used a computer for the first time when we entered NJIT.

Since that time many innovations have occurred in the field. Computer hardware has become more efficient and subsequently less costly. This feature more than any other has promoted computer popularity, bringing us into the age of information.

In today's computer technology, there is much to appreciate. We now have more memory in our $200. home computer than the 1.5 million dollar gigantic computer which brought Apollo 11 to the moon in 1969. Amazingly, our current personal computer price tag would only buy us a desk top calculator in that same year.

While our home computers have the memory capabilities to surpass the million dollar hardware of the 1950's, new commercial computers like the IBM 3083 pictured on this page have a thousand times that memory capability.

Truly the computer has become ingrained in our lifestyle. We find it in industry, communications, banking, and unlimited other areas. Our acknowledgment of its real impact is no more apparent than in our training of elementary students on school terminals doing professional programming.

The growth of the home computer now gives us the comfort of storing information, managing money and playing our favorite video games in the comfort of our own homes. Thirty years ago this was only a figment in the imagination of science fiction writers.

The sign of the computer in 1984 is one that surely points one way—to a brighter future for us all.

Upper Left: "Looks like washing machines, huh ma."
Upper Right: An IBM 3083 processor gets a home.
2nd. row left: Students spending their days at their trusty terminals, ad nauseam. 2nd. row Right: "Hey, my program worked and it only took two hours!"
Bottom: "And you thought there was a lot of circuitry in those cabinets!"
Newark, a city that for years has been maligned for its violence and decay, is now experiencing a rebirth the effects of which will change the city both structurally and more important perceptually.

Gutted and vacant buildings which were visual eyesores have been replaced by either new construction or dynamic renovations. Industry has made a commitment as well with the emergence of the PSE & G Fountain and the new Bell Telephone Building. The revival of the James Street Commons area into townhouses has encouraged the return of the young professional to the inner city, while the joint venture of the cities of New York and Newark encourages throngs of busy travelers through the terminals of Newark International Airport.

But as in all change the acknowledgement of the value of preserving the "old" is of equal importance. Various areas of Newark have been designated as historical landmarks, including our own Eberhardt Hall.

But in all truth the real sign of the Renaissance of Newark is in its people. A new sense of pride is being developed and a desire to spend time and money to make the city better. Social "watering holes" such as McGovern's draw locals and imports to partake of Newark's flavor. For truely when residents find reasons to stay in the city instead of finding reasons to leave it, and say its name with pride instead of making excuses, the Renaissance of Newark will be complete.

Bottom: Old businesses make way for the PSE & G Fountain. Upper Left: Parks are becoming more abundant. Middle: The Newman Center highlights the student input in the James Street Commons. Upper Right: "Newark Skyline 1964"
Quite often the NJIT student's life revolves around the Center. He starts his day with a hot cup of coffee and a discussion with his friends of the day's impending doom. Next, it's a rush to the classroom, for sleep and a possible learning experience.

Now it's time for a California burger, a large coke and greasy fries to fuel up for the big afternoon ahead. With a little spare time on his hands, he'll drop a few quarters in "Pole Position" or do battle with "Donkey Kong". SAC's got a movie going in the Lounge, so he catches a few minutes before he's off to class again to blow up a lab.

With the debris remaining, he's on his way to the Library to write a "hum" paper. Then, this "real man" goes to the Pub to order a quiche and a pitcher of beer. "With friends and a pitcher of beer, who needs Calculus?" Imprisonment in the computer room to solve the riddle of least squares is his next task as the clock ticks on. Finally, it's back to the dorm to catch reruns of Star Trek and then hit the sack to ready for his new day.
DEDICATION

There are few events that occur that make us stop and take account of the world we live in. Unfortunately, during the school year 1983-84, such events did happen. Early one Sunday morning last October, we were awakened by a special news report which told us that our Marine barracks in Beruit, Lebanon, had been bombed when a Kamikaze truck crashed into the building where our American Marines had been sleeping.

Two days later, on October 25, 1983, we learned of yet another military crisis when our forces invaded the island of Grenada to protect the freedom of about a thousand American citizens who were living there.

Again we listened and prayed for peace as the American casualties mounted. We eventually secured the island, however.

The members of the yearbook staff would like to express their sympathy to the families of these fallen American as we dedicate the 1984 NUCLEUS to all those who fought and gave their lives to preserve the American freedom we all enjoy.
There is a myriad of different subjects that people study at NJIT. Where people study varies as much as what they are studying. In the Library, people study everything from quantum mechanics, truss stability, stimulating chemical reactions with lasers, to architectural history and business management. Over in the computer center, one observes everything from artificial intelligence/negligence to how to get out of Witts End. A popular place to study real time operating systems, vector graphics generators, smart bombs and invisio is in the Center Video Gameroom. In the cafeteria, there are often students copying (or are they enlightening themselves?) all in the name of education.

Moving on to the Pub, we see individuals thoroughly engaged in studying the effects of alcohol on the central nervous system. On warmer days, many students are outside studying the clothing and anatomy of the opposite sex.

O.K., we went over what and where people study, now let us look at how people study. Some have a dozen books, three pads of quad-ruled paper and a pocket computer around them. Others study with one book and a beer. Some people study as a group, with papers and calculations spread out all over a table, while others prefer to study alone.

Thus students at NJIT have a place and a method to study nearly everything.
This year's *Nucleus* honors the graduating class of 1984. Fortunately they enter a society that differs markedly from that gray terror described in George Orwell's book, *1984*. (Big Brother is not watching - but your friend's little brother may be "hacking" his way into your computer file.)

The problems we face as a society and as individuals are not those of 1984, but those faced by people everywhere for generations - maintaining the health, welfare and dignity of the human race. The difficulty in accomplishing these goals has probably not changed much over the years, but our perception of the task certainly has.

When most of the graduates of the Class of 1984 were in primary school, it appeared that the solution to at least the question of the satisfaction of human want existed in the U.S. and much of Europe. In 1970, the per capita Gross National Product in the U.S. stood 15% above that of any other country. Ten years later the per capita GNP in the U.S. was 10th in the world - nearly 30% below that of Switzerland. Since 1980, the U.S. and Europe have struggled with inflation and economic stagnation and decline. While the recovery currently underway may make a reality of our perceptions of 1970's the unresolved questions of energy utilization and production efficiency indicate that we would be wise not to be overly optimistic.

The graduates of the Class of 1984 can make a difference. The skill acquired through hard work and study over the past four years can be applied to make life easier and goods and services more abundant. Yet technical know-how is not enough. Knowledge does not fluctuate with the business cycle. The graduates of NJIT can increase the impact they make on society by joining others in helping to shape society's priorities, by becoming active in their communities and by staying alert to the tendency of some political leaders to use their position for personal gain rather than the general welfare.

In 1949, George Orwell saw a bleak future. In 1984, we see a world far more peaceful and with more rapid economic growth than any sustained period in this century. (While the forty years since the end of World War II have witnessed many small conflicts, there has been nothing on the scale of destruction associated with either World War I or World War II.) The world has monumental, and perhaps unsolvable problems; yet, there is also a possibility of providing for basic human needs. If we succeed in that, we will face the far greater challenge of achieving the human potential.

-Odarka Polonskyj
MESSAGE TO THE CLASS OF '84

It is a pleasure for me to extend congratulations to the graduates of the Class of 1984, for not only have you realized a great personal achievement, but you have shared creatively in shaping the first four years of New Jersey Institute of Technology's Second Century.

Four years ago we faced the challenges of a new century, a new decade, and new frontiers of personal and institutional growth. The erection of the first student residence hall in Newark, on the NJIT campus, marked an historic turning point in the life of the Institute and the community. Today, we are nearing the completion of our second dormitory.

The newly completed Mechanical Engineering Center is another mark of the century. Its modern design and facilities help place our programs at the forefront of engineering education. Modern architectural design studios are now in place. They incorporate advanced concepts in learning environments and help the School of Architecture to achieve new levels of educational distinction. The formation of the Third College has also been a landmark in the life of the Institute. Not only has it contributed to the stature of NJIT as the technological university of New Jersey, but it has brought into organizational focus the Institute’s lifelong commitment to the physical and mathematical sciences, computer and information science, the art and science of management.

No less of an achievement has been the vision and determination, of each member of the Class of 1984. Not only have you set and successfully attained your personal educational goals, but you have made significant contributions to the academic, professional, and social vitality of the campus. Your participation in the Student Activities Council, Student Senate, Alpha Phi Omega, numerous Institute planning and governance committees, as well as the dedicated service you have rendered through your respective professional societies and various charitable projects has left its print on the high quality of Institute life. The positive effects of your presence here will be felt for many years to come.

As we face tomorrow, I am confident that what we have achieved together will endure, and that we shall each rise to meet the new challenges with imagination and continuing personal growth. With these reflections uppermost in mind, I wish every success and happiness to you and your loved ones as you continue the journey of your personal and professional lives.
ACADEMIC DEANS

The overseeing of three colleges is no easy task. Anyone in the position of being a dean knows that the key to a smooth-running organization is a well-organized and capable staff.

The oldest college on campus, the Newark College of Engineering, is being administered by Yi-Yuan Yu, who is about to begin his third year as dean. His task involves the overseeing of all engineering departments which consists of better than 90% of the student body of NJIT.

The School of Architecture is being run by Sanford Greenfield. As the first dean of the college, he has greatly increased the role of architecture on campus and continued the expansion and modernization of the facilities.

Finally, beginning her first year as Dean of the Third College is Dorothy Levy. Her task as dean is to administer the majors other than engineering, that is, computer science, industrial administration, statistics and actuarial science, and others.

Pictured from top to bottom, are Yi-Yuan Yu, Dean of the Newark College of Engineering, Sanford Greenfield, Dean of the School of Architecture, and Dorothy Levy, Dean of the Third College.
DEAN OF STUDENTS

Dear Graduates:

It is a time to say Congratulations—a time for you to be justly proud of your hours, days, weeks, and years of hard work, a time for you to appreciate and value your achievements. It is a time when we want you to know how proud we are of you. We wish you every success in all that you undertake in the future.

We ask you to remember that much will be expected of you as a professional person in a world that sometimes forgets or overlooks what "professional" means. We ask you to remember, to work and live by the standards that you have learned and which are best to which you can aspire. We count on you to continue to make us proud of you.

Congratulations again, we'll miss you, don't forget us and Godspeed.

Sincerely,
Dr. Constance Murray
Dean of Student Services
ADMISSIONS

The office of Admissions plays a vital role in the continuation of the quality at the Institute. The office must screen thousands of applicants each year, and select those who appear best suited to handle the sometimes rigorous academic standards set at NJIT.

Pictured are: (top row, left to right): Rosemarie Gianetta, Peggy Schel, James Kontje (Asst. Director), Griselda Garcia (Asst. Director), Carol Catman Hogan (Asst. Director); Front row: Pearl Tyler, Sylmia Perez, Gary Maher (Asst. to the Director), Sharon Pettiford, Barbara Duke, and not pictured is Henry McCloud, the associate director.

FINANCIAL AID

The financial aid office is part of the registration process at NJIT for those students who qualify for financial aid. The office provides free funds for those students who need a helping hand, and will make worthwhile use of it.

Pictured are the following members of the office of Financial Aid: (large picture): Terri Boyle, Mary Hurdle and Yin Wong, (top pic): Carol Thompson and Karen Pirli, (Bottom Pic): Sarah Shelters.

Others

There are many other important offices at NJIT. Featured are: Sara Hedger, director of the residence hall and the following members of the finance office: Harry Tessler- Bursar, and J.M Corcoran- the controller.
This year, the office of the registrar has improved the registration process, along with making it possible to have the most accurate and most up-to-date records accessible with the push of a button on their new computer terminals. This academic year was the first year that the computer was used for registration at NJIT. It has proved to be very successful.

Pictured in the top picture (left to right) are the following members of the registrar's office: Carolyn Barrett, Roberta L. Spencer, Margret Minter, Constance P. Mason, Margaret Sullivan, and Joseph F. Thompson.
ALUMNI ASSOCIATION

The purpose of the Alumni Association is to tie former NJIT students in the working world to the Institute. It keeps friendship among people, companies and the Institute. The Alumni Association supports scholarships, athletic awards, the alumnus magazine and newsletter, alumni-senior feedback sessions, social competence programs, guest lectures and seminars, research foundation and graduate program assistance, scholastic recognition programs, and the Alumni library collection.

Overall, the largest of the duties of the Alumni Association is to support the school financially. The Alumni association brings in donations from outside companies, parents, and former students.

The Alumni Association can be said to be almost the opposite of the Admissions office in the sense that it is responsible for what the graduates give back to the school in return for and in appreciation of their education at NJIT.

bottom (left to right): Joan Buchan, Nikki Burr, Linda Lichenstein, Golden Bell top (left to right): Stafford Stewart, Ray Jablonski, Eveland Graddy, Claire Dougherty

Bottom two pictures: Alumni Association phoneathon.
LIBRARY

The Library is an essential part of the NJIT atmosphere. Besides being a building in which you can find a quiet place to study, (or daydream) whether you find a booth or a quiet study room comfortable, the Library provides many useful services at NJIT. It is not only our complete engineering reference source, but it is a place about which all academic progress revolves.

Top photo: Chris Zembicki, Nina Sidiqui, Madalyn Pagnetti and Jan Samet.
Upper Right: Morton Snowwhite - librarian
Middle Left: Mary Page - Reference desk.
Middle Right: Chris Zembicki thumbs through a reference book to help a student who requested some information.
Large picture: Library carpeting is installed during the semester break.

I.M.C.

The IMC (Instructional Media Center) provides many audio/visual services as well as other services that are essential to the NJIT student. Besides being a graphic library, the IMC provides AV equipment, photo processing. The IMC also works with video taping, and editing for classes.

Above: Bill Reynolds sits busily at his desk.
Right two pictures: IMC workers run around gathering AV equipment for "special" jobs.

26/Library & IMC
Our new police chief, Vincent Consales, has set the following goals for his department: Better relations with the college and local community, decrease in loitering problems with local high school students, an emphasis on the foot patrol versus the "squad car" concept, and maximizing service to the NJIT community. We would like to welcome Chief Consales to our campus.
CENTRAL STAFF

CAFETERIA

Featured here are (left to right) Dolores Ruvolo, and Yacie Enos, food service employees, and George Tatz, Director of Food Services.

28/The Center
Featured here are the people who work in the Student Center. In addition to the Center staff employees, are the members of the bookstore, some members of the cafeteria, and featured on page thirty are the employees of the Pub.

Running across pages 28-29 (left to right) top row: Merwin Kinkade, Director of the Center, Gloria Phibbs, room reservations, Linda Polansky, Jodie Cottrell, Assistant Director of the Center and Gwen Henderson. second row: Bob Moran Assistant Director of the Center with his son Garrett, Rose DelVecchio, the Center Desk., and Elia Velazquez student employee. Page 29 in the tinted area are the workers in the bookstore. top row: Juan Becerra, Robert Schecrer, Marge Ritacco. bottom row: Robert Due, Manager, Michael Glaster, Gilbert Reamer.
The NJIT Center Tap Pub hires student employees during the academic year. Pub workers themselves actually form a little club along with the full time employees who run and manage the Pub. Pub workers create a friendly atmosphere among NJIT students.

Top Right: The 1983-84 Pub Staff (left to right-top): Hugh McKenna, Ernie Peters, Glenn Trimboli, Alkis Dimopoulos, Jean Kaminski, Al Yeiner, Bruce DiBisceglie, Robert Visich, Joe Skim, Vic Ziccardi. (left to right-bottom): Harry Mahoney, Niels Schwartz, Tawn Simons, Diane Nelson, Professor Brower, Jack Corcoran, Dennis Boyle (manager), Laura Cerd, Marwin Kinkade.

Top Left: J.C. fills a soda, while his “Extra Hot Chilly” cooks behind him. Middle Left- This Pub worker is into zapping students with no ID’s. Top Middle Right- Chris seems annoyed at being yelled at by Jean Kaminski about how to work the register. Bottom Middle Right- A crowd of workers hang around the register because Bob broke in and gave them some money. Bottom- “Service with a smile” at the Pub.
Located at 45 Bleecker street across from Rutgers, the Newman Center is the center for Catholic Campus ministry in the Newark Area. For over twenty years the Newman Center's chaplains and staff have reached out in friendship and service to the College Community in Newark. The Newman Center has sponsored: Shared meals, Topical Awareness Weeks, Programs on Marriage and Sexuality, and prayer services for the holy days. The Newman Center's staff are there to provide for Spiritual direction and personal growth counseling. The Center's library, television room, lounge and prayer room are open on all school days for the use of any student.

top left- the Newman Center, located on Bleecker Street about a block from Theta Chi
top right- Noel Wicks, the Newman Center's secretary
bottom- Father Ron Marczewski demonstrates brotherly love to student Mike Luddy.
The Stop-In-Center is a place where students can go for information and assistance with academic and personal concerns, or general information about NJIT. The Stop-In Center is staffed by NJIT students—Peer Counselors—who have been trained in helping skills. Peer Counselors can help students negotiate the "red tape" of NJIT, with information on basic college procedures, registration, academic information and financial aid. Perhaps most importantly, Peer Counselors provide an open ear to those persons who need someone to talk to.
The Counseling Center provides professional counseling to students who feel that they need to talk to someone who is more knowledgeable than their friends, parents, or peer counselors, in discussing problems in all areas of their lives. Trained professional counselors with degrees in psychology and related fields are very knowledgeable about the life of a student and the conflicts an NJIT student may face.

Any person who is faced with problems and decisions, (and who isn't) can benefit from counseling. A visit to the counseling center almost always results in a better understanding of oneself and therefore a stronger person.
SUMMING UP - THE STUDENT SENATE
by Wendy Heller
senate president

This year the Student Senate, despite dwindling from almost sixty students to twenty-three students, has accomplished many goals. Last year during April, I was campaigning for the position of Student Senate President. At that time I tried to look at the year ahead, and now I am looking back at our accomplishments.

The Senate has had the best Cabinet attendance in the four years that I have participated in it. The reason for this increase in club participation is a firm stand by the Student Senate concerning a direct link from the availability of funds to cabinet attendance.

The Student Senate has opened communication between departments and the students by sponsoring two Student Senate Feedback Sessions this year. These sessions enabled departments such as BSIA, IE, and ME who never had this formalized meeting time to air problems the students are having with the curriculum, professors, and policies. The informative and all who attended benefited from the experience.

The Senate’s Elections Committee proposed a reconstruction for next year’s senate to include two representatives from each department plus five freshman along with the seven officers.

I would like to thank our advisor, Merwin Kinkade for all his help, experience and guidance that he gave the Senate throughout this year. I would also like to thank Jodie Cottrell and Bob Moran along with the rest of the Center staff for all their help this year.

Finally I would like to thank the hardest working group of the Senate officers that I have had the pleasure to work with. Many times this year they went above and beyond their...
call of duty for the Senate. Each officer knows how much time and effort they put into the success of the Senate and for the Student body at large, they did not only earn my thanks but yours as well.

1983-1984 Senators:
Myron Petruch- Chem E
Nelson Moreira- Chem E
Mary Eiberger- CIS
Alicia Fatjo- CIS
Cindy Schwartz- CIS
Anthony Rubinich- BSIA
Jila Ghaffari- IE
Mark Maglio- IE

Neils Schwartz- EE
Martin Criscenzo- ME
Todd Russell- ME
Scott Brenner- Frosh
Andy Policastro- Frosh
Dave Beagin- Frosh
Chris Kounoukios- Frosh
Ken NG- EE

Far Left, center: This is the Student Senate: 
Back Row: Tony Rubinich, Neils Schwartz, Manny Psyhojos, Myron Petruch, Nelson Moreira, Todd Russell, Chris Kounoukios, Andy Policastro, Mark Maglio, Merwin Kinkade (Advisor), 
Front Row: Cindy Schwarz, Mary Eiberger, Wendy Heller, 
Lorelei Gascard, Sharon Schmidt, Jila Ghaffari, Alicia Fatjo.

Top Far Left: Wendy Heller - Senate President,
Across the top: Danny Rodriguez— Financial Vice President, Manny Psyhojos - Vice President of Student Affairs, Charlie Mandala - Treasurer, 
Lorelei Gascard - Administrative Vice President, Sharon Schmidt - Recording Secretary,
Right Middle - A Student Senate Cabinet meeting in progress.
CONTINUING EDUCATION

The Division of Continuing Education offers non-credit courses to students who have graduated and wish to pursue their education or profession deeper or in related areas without earning credits to a higher degree.

GRADUATES DIVISION

The Graduate Division offers many courses to students who would like to continue working towards higher degrees upon graduation, since in our technological world, undergraduate programs can only provide a fundamental base for the true professional. Courses offered are 500, 600, and 700 level courses, and there are strict admission requirements for graduate programs in addition to the strict standards set for admissions to the Institute. NJIT's graduate division offers the degree of Master of Science with designation in Chemical, Civil, Electrical, Environmental, Industrial, Management, and Mechanical Engineering, as well as in Computer Science. They also offer the Master's Degree without designation to those who pursue graduate studies in Engineering, Engineering Science, Applied Mathematics, Biomedical Engineering, Environmental Science and Toxicology, and Management and Organizational Studies.

In the top picture are Russell Pirog, Maria Hernandez, Alex Bedrosian, Joyce Fedak, Gloria Fershko, and Sonia Y. Ballard of the Division of Continuing Education. In the square picture are Joyce Fedak and Irene Pierce. In the circle is Dr. Dino Sethi, the director of the Graduate Division.
The study of Architecture involves designing and decision making in order to solve environmental problems.

NJIT's architectural program involves much more than planning and creating new buildings.

Problems tackled might constitute preserving or adapting existing elements of a building environment which are currently misused or discarded. The design professions have never faced a greater challenge.

NJIT's Architecture program prepares students to face this challenge by teaching them a wide variety of skills and concepts. The first two years of the architecture curriculum consist of an introductory program which emphasizes general studies. This is followed by a three year Architecture Program emphasizing design and solutions to problems.

This makes the total time needed to earn a Bachelor of Architecture Degree five years. The Architecture Program is NJIT's first five year program. Upon graduation, the student is knowledgeable in not only architecture, but also in ecological studies, physical sciences, engineering sciences, other areas such as housing, building economics, urban design, computer systems, research, industrialized building, and historic preservation.

Pictured are the following members of the School of Architecture (Front row): Fred Travisano, Glenn Goldman, Beyhan Kanhan, Lia Gartner, Tony Schuman, Leslie Weisman, Dean Sanford Greenfield, Diane Bryant. (Back row): David Elwell, Anatole Senkwevitch, Barry Jackson, Don Wall, Jim McCullar, Michael Webb, Stephen Zdebski, Jacques Gubler.

In the square is a picture of a faculty meeting. Featured are Glenn Goldman, Stephen Zdebski, David Hawk, Jacques Gubler, and Dean Sanford Greenfield.

In the circle is Dean Sanford Greenfield, Dean of the School of Architecture.
COMPUTER AND INFORMATION SCIENCE

The Department of Computer and Information Science prepares students for a wide variety of careers in a rapidly growing field. Building on a solid foundation of math, science and computer programming, the C.I.S. curriculum teaches an understanding of the information system and its potentials, with applications to management, science, engineering, and computer technology itself. Computer Science majors graduate into a field which gives them a wide variety of options, where high paying jobs are available now that the computer is becoming a necessity in any field.

Pictured in the top photo are the following members of the C.I.S. department: Back row from left to right: Michael Tress - Administrative Assistant, Dr. Costas Iliopoulos - Special Lecturer, Dr. Edward Sarian - Associate Professor, Dr. Michael Baltrush - Associate Professor, Dr. Murray Turoff - Professor, Professor David J Lubiner - Special Lecturer, Mrs. Lynn S. Franklin - Laboratory Coordinator, Mr. Warren Burgess - Laboratory Technician. Front row: Dr. E. A. Yfantis, Associate Professor, Dr. Min-Hsuan Chen - Assistant Professor, Dr. Yi-Ling Chiang - Assistant professor, Dr. Anita J. LaSalle - Associate Professor, Dr. George J. Mohos - Department Chairman, Dr. James McHugh - Associate Professor and Associate Chairman, Dr. T. R. Featheringham, Associate Professor and Associate Chairman, and Dr. Julian M. Scher - Associate Professor.

Pictured in the square is our Laboratory Technician - Mr. Warren Burgess.

Pictured in the circle is the Department Chairman, Dr. Moshos, and not pictured are Dr. Larry Medsler - Associate Professor, Sheryl Ridley, Dr. Jown W. Ryon III., Professor Solomon Wohlgemuth - Special Lecturer, and Professor Mark Babinski - Special Lecturer.
Chemical Engineering involves the design and operation of plants which produce chemicals, including plastics, textile fibers, gasoline, and pharmaceuticals. Chemical Engineers are also involved in the search for alternative energy sources, and improvement on energy production, because of their expertise in oil refining, recovery of oil from oil shale, the manufacture of synthetic fuels from coal, and the preparation and recovery of nuclear fuels.

(Top Pictures): Upper left: Professor Cagnati, Dr. Lin, Dr. Huang, and Dr. Lewandowski. Upper Right: Dr. Getzin Left: Professor Cagnati, Dr. Lin, Dr. Huang, Dr. Lowendowski, Dr. Trattner, Dr. Perner. (next row): Dr. Wang, Professor Hundert, Professor Lichtman, Dr. Tomking, Dr. Parker, Dr. Lei, and Dr. Tassios. Right: Dr. Conley, Dr. Perner, Dr. Parker, Dr. Lei, Dr. Tassios, Dr. Greenberg, Dr. Armananti, Dr. Knox, Dr. Greensperm, Dr. McCormick, and Dr. Bart (far right). Square: Dr. Getzin does an experiment during class. Circle: Dr. Hanesian, the department chairman.
Civil engineering is concerned with the planning, design, and construction phases of an engineering project, including energy, environmental, and economic considerations. It involves dealing with people and cities, producing clean air and water, providing for the disposal of wastes, and developing efficient transportation, housing, and water systems.

The undergraduate program includes work in field measurements, construction materials and procedures, structural analysis and design, soil behavior, transportation engineering, water supply, and pollution control. The department offers a set of elective courses through which the student can specialize in such areas as urban planning and urban systems, construction engineering, and surveying.

The civil engineering graduate is well prepared to enter the job market through federal, state, and municipal agencies, in many consulting firms in the metropolitan area and throughout the country, or with the major industrial firms involved with the aspects of planning design, or environmental control. Students may also enter the field of research and development.

*top-row (left to right) Ira Kuperstein, Roberta Hartlaub, Edward Dauenheimer second row: Forrest Hicks, Ramesh Shrestha, Dorairaja Raghu, John Scuring third row: Robert Dresnack, Franklin Salek, Walter Konon, Paul C. Chan, Hsin-Neng Hsheh top row: Charles F. Peck, Rafaat Hussein, C. T. Thomas Hsu, Farhad Ansari, Methi Wacharatana, John Liskowitz bottom- Julia Martucci, Peal Gordon, Dallas Link, the secretaries in the C.E. Department*
IN MEMORIUM

We would like to take this opportunity to express our sympathy to the family and friends of Dr. Delucia who passed away during the spring semester this year. Dr. Delucia was a very knowledgeable person in the electrical engineering department. Not only was he an associate professor of electrical engineering, but he was a licensed professional engineer, and an active member of many organizations including the IEEE here at NJIT, in which his involvement and dedication surpassed all others.

ELECTRICAL ENGINEERING

Electrical Engineering is a very diversified and challenging field. It is concerned with the design, development, fabrication, and control of electrical devices on which our society largely depends. There are many areas of study in electrical engineering such as electrical power engineering, design of integrated circuits, computers, environmental and biomedical instrumentation, energy conversion, space vehicle control, electronic engineering, microprocessors, and satellite communications.

The electrical engineering curriculum provides a broad base in mathematics, the physical sciences, humanities, and social sciences. Specialties include a systems sequence in communications, control, computers, power, or medical instrumentation. The outcome of the electrical engineering curriculum provides us with engineers who can think analytically and creatively, work effectively, and communicate with others.

In the top picture is (Front row, left to right): Dr. Klappe, Professor Meola, Dr. Strano (Dept. chairman), and Dr. Padalino. (Second row): Dr. E. Cohen, Dr. Meyer, Dr. Zambuto. (Third row): Dr. Ball, Professor Carluccio, Dr. Rosenstark, Dr. Reisman, Dr. Frank, Dr. Sohn, Dr. Pandey, and Dr. Whitman. (Fourth row): Dr. Ayoub, Dr. Hubbs, Dr. Niver, Dr. Rips, Professor Rose, Professor Chow, Dr. Delucia, and Dr. Kuo. Dr. Mizra, the photographer of this picture is featured on the faculty divider. In the square picture on the left is Dr. Corneley, doing research in microelectronics lab, and in the circle is the department chairman, Dr. Strano.
The industrial engineering curriculum prepares engineers to make improvements in industry. Industrial engineers are trained to solve problems in design, research and management, among other areas. The IE curriculum prepares them to seek solutions in industry by concentrating on product and production process design, work analysis, and management science. During the curriculum, students are exposed to fundamental concepts of engineering, and later, they are exposed to more specialized areas of research design and development. They are also exposed to manufacturing, distribution, and personnel management. Upon graduation, IE's are put into areas where they can improve production and cut costs, so that they improve the efficiency of a company and improve the company overall.

Top photo: Sitting left to right: Dr. John Mihalasky - Assoc. chairman, William Percival, Dr. Gerald Stone, and Dr. Carl Wolf Standing: Professor Joe Ruffolo, Professor Daniel Walsh, Dr. Howard Gage, Professor Joseph Kopf, Professor James Rigassio - Department chairman, Dr. Kevin McDermott, Professor Jon Howery, Dr. David Mo., and Dr. Fred Ho. Not pictured is Professor Gordon Kalley.

Pictured in the square is an IE honor society meeting, and pictured in the circle is the department chairman, Professor James Rigassio.
MECHANICAL ENGINEERING

Mechanical Engineering is concerned with the design, development, manufacture and operation of many energy and dynamic systems. M.E.'s use their knowledge of systems design and control, materials, and production methods to develop complex systems including aircrafts, power plants, and combustion engines. These systems must meet design constraints as well as safety and environmental protection requirements. M.E.'s are also involved in the search for alternate energy sources, in response to worldwide energy needs.

A M.E. student may specialize in many technical areas such as air, thermal, and noise pollution control, energy conversion, computer-aided design, and bioengineering. Upon graduation an M.E. student may use his degree as a foundation for graduate studies, or for studies in other fields such as medicine or law.

In the large picture are (left to right): Dr. Herman, Dr. Chen, Professor Golden, Dr. Hsieh, Dr. Geskin, Dr. Papas, Dr. Hrycak, Mr. Kountouras, Dr. Droughton, Dr. Koplik, Professor Deutschman, Dr. Dubrovsky, Dr. Pawel, and Dr. Sun. Middle pictures: (left): Alice Kulikowski- M.E. Dept. Secretary, (middle and right): Additional members of the M.E. Department are shown at an M.E. Department meeting. In the circle is the department chairman, Dr. B. Koplik.
MATH

The math department is an essential part of NJIT. As we all know, every student who majors in engineering must know their math.

To build a solid foundation for many engineering courses that involve advanced math, the math department offers courses in calculus, differential equations, statistics, and many other areas of advanced math. Our understanding of engineering is based on our understanding of math, and thanks to our math department, we are prepared to understand engineering through the use of math.

Pictured in the large photo are (top row left to right): Dr. A. E. Foster, Professor Brower, Dr. R. Plastock, Dr. Schneider, Dr. Pressman, Dr. Andrewski, Dr. V. Goldberg; (front two rows): Dr. Stan, Professor Lione, Dr. L. Goldberg, Dr. Scheinok, Professor Berliner, Professor Dios (far front row), Dr. Blackmore (middle row), Professor Barken, Professor Flatow, Dr. Zatzkis, Dr. Benson, Dr. Rausen, Dr. Stewart, Dr. Perez.

The following are not pictured: Dr. Voronka, Dr. Chase, Dr. Cohen, Dr. Leib, Dr. Tavantzis, Dr. Robbins and Dr. Zames.

In the squares we have (left to right) the math department secretaries, Onzella Burr, and Kelly Griffin, and featured in the bottom square is Professor Barken giving a lecture. The department chairman is Dr. Zatzkis, and he is featured in the circle.
Humanities is a large part of a college education. Studying Humanities, knowing a little history and knowing a little about cultures and trends builds a sound foundation for further engineering education.

This year the Humanities department opened a new course, Art History. Their aim is to make the NJIT student more knowledgeable about different areas of our trends and cultures. The art course for example, gives the student a better understanding and appreciation of art and its historical perspective. We aim to make our Humanities department the best.

Pictured are Dr. Cossa (professor of art history and humanities) in the large picture, and Dr. Camp in the Circle.
Engineers do not always stay in engineering; some of them move up and become managers. There they utilize organizational skills learned from the OSS department.

The department offers many courses which help develop skills in areas essential to engineers but not related directly to engineering. Among the areas of study are psychology, labor relations, economics, business management, sociology, and industrial administration. These courses enable engineers to carry out management duties as well as their specialty of study in engineering.

Pictured in the large photo are: (Top row left to right): Professor Gordon, Dr. Levinson, Professor La Verda, Dr. Stockoy, Dr. Helfgott, Dr. Kahng, Ms. Haddad; (Bottom row): Dr. Schachter, Dr. Rolter, Dr. Zaner, Ms. Zivi, and Dr. Spector.

Middle picture: Mr. Lally, Prof. Kahng, Dr. Boardman, Mr. Fairfield, Mr. Horowitz, Prof. Spitz, and Dr. Spector.

Bottom: Dr. Geithman,
The Department of Physics offers many courses that prepare students for the long and difficult engineering curriculum ahead of them. Many physics courses cover preliminary material for engineering, and are required as prerequisites for many advanced courses. Students are taught concepts in electricity, magnetism, mechanics, optics, sound, and other areas so that they have a solid foundation on which to build the understanding of more involved concepts.

Pictured in the top photo are the following members of the Physics Department: Back row from left to right: Dr. Fink, Dr. Farber, Dean Stamper (chairman of the department), and Dr. Russo. Middle row: Dr. Reisman, Dr. Parsa, Professor Giordano, Professor Kingery, and Professor Reiziss. Front Row: Professor Landsman, Professor Tofick, and Dr. Kuharetz.

In the square picture is Professor Jermakian, and Dr. Savin.

Featured in the circle is the department chairman, Dean Stamper.

Not pictured are Dr. Buteau, Dr. Capecelatro, Dr. Gautreau, Dr. Natapoff, Dr. Neidhardt, and Dr. Salzarulo.
NJIT Physical plant keeps the Campus' grounds and buildings well maintained, while their expertise in the skilled trades keeps everything working.
NO, You can't have Wavetek'.
You know I don't know where your check is.
Oh, You're full of "II".
God, Is this boring . . .
Come and get it . . .
Good EE-VIN-NING
"anything you can do I can do better".
STUDENT LIFE
Almost everyone's first experience with lab at NJIT was in Chem 115. This was where I decided not to become a Chem E, after all, some of the chemicals used were reported to be harmful to human health. If I would become an EE, the worst I could do was electrocute myself, and at least that provided a less painful method of dying . . . the choice was made.

Performing labs is the way of learning how to apply theory, that is making the leap from science to technology, the useful application of theory, with a liberal dose of "Fogharty's Fudge Factor." If we invoked Fogharty we certainly must give mention of Murphy, for even during the simplest lab something was there to frustrate us. Even though we had labs that lasted up to 5 hours it seemed we never had time—its no wonder most Government contracts come in over-budget and over time.

Most of the equipment used in our labs is obsolete, industry having long since found it useless or too expensive to repair. The other thing that really annoyed me was the "third person" requirement—who the heck was anybody kidding "the student" didn't do the lab—I did!

M.J.L. '84
MIXERS

Mixers are a major social activity at NJIT. As the name implies, mixers allow students a chance to meet each other, dance, and have a good time. Sponsored by SAC, a variety of rock bands have been featured including the Touchables, Strutter, Eccentrix, NRG, and Bystander.

SAC tries to encourage as many people as they can to come to the mixers and usually the turn out is good. Best of all, unlike a dance club, students of all ages can come and enjoy themselves.

Dancing at mixers can be quite an experience. Between wild break dancing, the Twist, and cheek-to-cheek, there is a style and pace that suits nearly everyone.

Over in the Pub, those of drinking age can enjoy some beer or wine, while in the Caf, hot dogs and soda can be consumed.

Thus, through the course of one’s college experience at NJIT, mixers prove to be a meeting place of old and new friends.

This Page Top Left: “Mixers are sooo much fun!” Top Right: “But I don’t know how to do the Watusi.” Middle Left: Strutter entertains the crowd Middle Right: Mixers bring out the best in people Bottom Left: Zola and Ron mix it up behind the snack table Bottom Right: Serious drinking!

Opposite Page Top Left: Alpha Sigma Tau follows the Dancin’ Machine Top Right: “What a great idea—backgammon at a mixer.”

Bottom Left: That doesn’t look like a beer ticket, Sparky. Middle Right: Some people really shine on the dance floor. Bottom: Cindy and her partner take dancing verrry seriously.
ROAD RALLYE

This year NJIT had its first annual Road Rallye. The race began at 11 a.m. in the Gulf lot (adjacent to the tennis courts and ME center). Although the weather was dreary and wet, one could sense the anticipation of the drivers as they signed in.

The drivers were given a list of hints and a sealed map that they could use if they gave up. Finally the cars left at one minute intervals, in one of four possible directions. Unfortunately, an accident happened early, as a Mazda sideswiped a van just outside the parking lot. Undaunted, the driver continued to finish the race.

This race was not like an ordinary car race. Besides following a course, the participants had to answer an assortment of questions and follow slightly unorthodox instructions. For example, go onto 280 West, count 40 overpasses and get off at the second exit afterward. Among the trivia questions and requests were: When was the Forest Avenue School built?, get some napkins from Dunkin Donuts, get some Birchwood sand from the beach, find the happy hour at the "gangsters pad"; the cost of a stein of beer at Howard Johnsons and who lives at the end of Sunset Terr. (go ask John).

One of the more mentionable aspects of the Road Rallye is that one driver accidently went to a real gangsters pad rather than a bar by a similar name. By the way, John Aske lives at the end of Sunset Terr., beer is $5 at Howard Johnsons (some guy was calling out the price of beer as they came in), and Dunkin Donuts was passing out free donuts to the drivers.

For those who persevered through the ordeal as well as those who opened the map, a pleasant dinner and band awaited at the Coral, the finish of the race.
A MIXED BAG

HALLOWEEN/CARICATURISTS
Balloon Race: In December APO sponsored this balloon race to raise money for the United Way. The winner's balloon made it all the way to Rhode Island.

Caricaturist: Also in December Sac had Richard Hill of Caricatures Unlimited draw students. Halloween: During Halloween we lived out our fantasies and painted pumpkins to resemble our profs.

Christmas Party: With good music and gifts from Santa we celebrated the end of the year with hopes that passing grades would be delivered by the postman.
August 30th marked the beginning of school for the freshmen. For most underclassmen, it was on September 1st. However, Friday and Saturday, August 26th and 27th, kicked off the new year for the Miniversity Group Leaders.

The Miniversity Training Weekend was held at Camp Devin in Blairstown, N.J., only a few miles from Pennsylvania. Led by coordinators Bob Moran, Merwin Kinkade, Jodie Cottrell, Jean Kaminski, Charlene Balfour, and Loralei Gascard, the Group Leaders received extensive training on how to show effective leadership and how to be a Miniversity Group Leader.

The sessions began with a lesson on “Ice-breakers”, which got everyone acquainted. Eventually, they moved on to discussions dealing with body language and teamwork. To make things fun, games were played to demonstrate these topics, such as “Knots”, “Elephants, Monkeys and Palm Trees”, and “Waterballoon Throw”. Some activities included creating objects from straws, having everyone try to sit on each other’s lap, and playing a game where everyone is assigned an “animal” and all the Group Leaders try to find their match based on the sound the animal makes. The weekend concluded with a game of “Bafa Bafa”, where two unusual cultures, the Alphas and the Betas, compare and contrast each other.

Recreation time was very limited, but activities included swimming, canoeing, basketball, frisbee, a campfire on the first night or just sitting around. What should be said of the food is also very limited, as it didn’t agree with the palates of most of those there. Nevertheless, many new friends were made and a good time was shared by all, a good sign that many will be back next year.
"What do you mean you don't like it?!"

Top Right: J and J lay down the law
Middle Left: Bumps (rumps) on a log
Middle Right: Frank Lloyd Wright watch out!
Bottom: MVL shows us how he puts a little kick into his life
CLUBS-GETTING INVOLVED
ORGANIZACION LATINO-AMERICANA

The Organizacion Latino-Americana (Latin American Organization) is dedicated to promote a higher educational level for the Hispanic student and motivate him/her to pursue a technological career. In addition, OLA provides assistance in the process of adjusting to the new experiences encountered in the environment of the NJIT campus. In so doing, academic and social ties may be established not only with other NJIT students, but with Hispanic students at nearby colleges and Universityies as well.

The Organizacion Latino-Americana sponsors recreational, social and academic activities that bring the culture, language and customs of Hispanics into focus for everyone to enjoy.

Pictured are the following members of O.L.A.: (Back Row): Miguel Perez, Rafael Sánchez, Porfirio Germán, Ricardo Thomas (President), José Cáceres (Treasurer), Mario García, Jorge Careno, Celso Alvarado; (Second Row): Zobeida Lozada, Lenny Vaca, Maria H. Colón; (Front Row): Blas Peña, Frank Velazquez, Anibal Alcantata Jr. (Vice. President).
AMBASSADORS

The Ambassadors are the NJIT tour guides to visitors and guests on campus. In addition, they serve as ushers at lectures and assist at conferences and receptions held at campus.

This year’s officers consist of the following people: Matt Alman—President, Alicia Fatjo—Corresponding Secretary, and Bernice Canonigo—Recording Secretary. The Ambassadors are best noted for their leadership and organization of Octobertech and Graduation. Although most of the organization’s members will be returning next year, they welcome any new faces interested in being an example and representative of NJIT.

front row (left to right): Nina DiCecilia, Lisa Kuo, Alicia Fatjo, Bernice Canonigo, Antonette Kellett

back row: Anibal Alcantra Jr., Myron Petruch, Neils Schwarcz, Leonardo Vaca

bottom left: What kind of thoughts are keeping Cyndi Schwarcz from paying attention at the meeting?

bottom right: Someone must have said a funny joke to wake up the meeting.
The NJIT Amateur Radio Club provides students who are interested in amateur radio to get experience in communications, as well as an opportunity to learn the procedures, methods, and principles of amateur radio.

This year, we would like to mention that there are two divisions of the Amateur radio club. One division involves the day students, while the other involves the evening students. Due to technical failure on our part, pictures of the Amateur radio club are not available. The group picture is the 1982/83 Amateur Radio Club.

Members of the 1983/84 Amateur radio club, night division include Len Kientzm, Duane Klein, Lou, Lisa, and Ed.

ASSOCIATION OF INDIAN STUDENTS

The Association of Indian Students promotes an understanding of the Indian culture among the NJIT populace and aids in developing the potential of Indian college students in the academics as well as the social arena. By providing social activities as well as sporting events, the AIS has become a mobile and valuable organization to its members and the NJIT community.

This year's officers consist of the following people: Bhadresh Pathak (President), Rupen Patel (Vice-President), Vijay Patel (Treasurer), and Shakeel Khan (Secretary). As stated above, these officers were what made 1984 busy year for the AIS. Events sponsored were "Navrati Garbas", a talent show (Indian Night"), a parents' dinner, a concert on Indian classical music, a sports hour, and a picnic.

front row (left to right) - Mixani Patel, Bhadresh Pathak, Benita Shah back row (left to right)- Rupen Patel, Vijay Desai, Vijay Patel, Sandeep Patel

middle left and right- Some AIS student members having a good time at their dance. bottom- The AIS are preparing some of their delicacies for the hungry NJIT community.
The purpose of the Audio Club is to educate the ignorant about high-fidelity equipment. Located in the lower level of the Center, they can usually be seen (or better, heard) blasting their tunes and mellowing out in their office.

This year's Audio Club officers consist of the following people: Akym G. Kuzmick (President), Tom DeHaan (Vice-President) and Dave Berger (Secretary). Although the Audio Club sponsored no events this year, they continued to provide a unique 12-hour taping service to the NJIT community.

Top-Tonight's news flash: "I thought I was going to be M.C. tonight", says astonished student.
Bottom right-Audio Club's latest equipment, an alpha speaker.
Bottom left-Jazz runs in George Coleman's family.
The Caribbean Students Organization, Caribso, was formed in the fall of 1975 and has grown in both membership and popularity. The club puts on two major events each year. The Cultural week, held in April, and the Caribian Night held in December, always turn out to be a success. In addition to these events, Caribso participates in Octobertech and other school activities. Some of the objectives of the club are: sponsoring seminars and lectures, the Caribian student aid program, and the establishing of files on historical and contemporary text.

Middle - One of the events that were sponsored by Caribso, a music festival on metal drum instruments.
Lower left - two members of Caribso.
Lower right - some extraordinary playing the Sonatas.
CHINESE STUDENTS ASSOCIATION

The Chinese Student Association was founded in 1969, and since then, it has grown to be one of the largest clubs on campus. It is involved in organizing social and athletic activities for all Asian students here at NJIT as well as promoting far Eastern culture among the rest of the school community. Such events as food sales, volleyball and basketball tournaments, dances, picnics, and an Annual Culture Night are sponsored by the Chinese Student Association. Among the most successful ventures were these along with the annual food sale. The future of the Chinese Student Association looks very promising as more Chinese students get involved.
The purpose of the Filipino Student Organization is to bring together students who are of Philippine culture, and to inform other students about Philippine cultural events on campus at NJIT. This year the Filipino Student Organization was more active than ever, sponsoring several social events. Pictured on this page are members of the Filipino Student Organization at one of their regular meetings.
The Hellenic Club is a Greek cultural organization which helps motivate Greek students and provides unity among them. In addition to providing activities for Greek students, the Hellenic Club also sponsors Greek Culture Day once a year. Last year the club sponsored a "Greek Festival" in the Pub, (pictured below). This festival was open to all NJIT students and it exposed them to a little Greek culture as they watched Greek dances and cultural activities being performed while they had a great time eating and drinking in the Pub.
NJIT's Student organizations sponsor many different kinds of outdoor trips. Among the most adventurous of the outdoor clubs at NJIT is the Ski Club.

This year, the Ski Club sponsored several exciting ski trips. Among them was a trip to Killington and a trip to Sugar Bush. Many of the ski trips are weekend trips which are open to all NJIT students. Some of the ski trips include backpacking and camping as well as parties.
Alpha Phi Omega, popularly known as A.P.O., is the largest fraternity in the world. The fraternity has been lending a helping hand, on this campus, since 1953. Some of the services that they provide on a regular basis include: Used Book Exchange, Postage Stamp Sales, Calculator Rentals and Lost and Found.

A.P.O. also assists the local community by such projects as periodic visits to: the children's ward of United Hospitals, local nursing homes and VA Hospitals. One new project, that was started this year, is working at a community food bank every other week.

For charity A.P.O. holds large projects such as the Balloon race and also a Volleyball Benefit, both to raise funds for the United Way.

A.P.O. also sponsors the annual Pushed Him/Her Through (Ph.T.) Awards Ceremony for the spouses of the institutes graduating class.
Top: Linda Masi (President during Spring semester) Bottom: Bob Dilly (President during the fall semester)

Top Row: (From Left to Right): Sue Tingley holds the wall up during the United Way Volleyball Benefit game., Mike Bartone grins after sneaking one by., Apo Bowling For Dollars., Second Row: "Close Encounters" are the best kind., important APO members who will be missed-Ron Lasala, and Sherry Dauerman., Bob "Chen" Galperin makes a point., Would you buy a car from this man?, B.J. "Astaire" and Sue "Rogers". Bottom Row: Sue Tingley and Nick McClary play Dungeons and Dragons., A little old lady only used to drive this to and from church., Group Shot: Back row from left to right: Andy Partomak, Mike Bartone, Ken Bartone, Dan Solleder, Ron LaSala, Jim Koroniades, Jim Aynedjian, Robert Galperin, Linda Masi, Sherry Dauerman, Patti Hemeleski, Sheila Forster, Amy Hemeleski,
OUTING CLUB

This year marks the revival of the Outing Club, which was kept inactive for years. Nevertheless, the club will pursue the same purpose it always had, which is to foster a greater interest and participation in the outdoors.

Although it was revived late, officers for the club were selected. These include Sherman “Rusty” Bamper—President, Mike Butterworth—Vice-President, Tom Pitt—Secretary, and Tom Ertle—Treasurer. Though no activities were sponsored by the Outing Club the past year, events such as camping, backpacking, canoeing, rock climbing, and possibly a skydive are in the planning for the next year.
The enormous task of putting a Barbell Club together falls on the shoulders of Joe Kish, the club's advisor. His success is due largely to the fact that he is very dedicated to the club, as well as the support he gets from the talented staff, dedicated directors and loyal students who are willing to work hard to achieve excellence and strength.

Top Left: “Whatever you do, DONT go away.”
Top Right: “Hey, Hercules help me with this thing”
Bottom Left: “And You thought it was easy?”
Bottom right: “getting in shape is one thing, but this is murder”
The Student Activities Council is the largest on-campus student-sponsored social organization open to all undergraduates, who gain membership through participation. It provides various types of cultural, social, and recreational activities for all NJIT students.

SAC is composed of four main chairmanships. The trips chairman runs trips to places of interests. This year SAC sponsored such trips to Atlantic City, Broadway, Vermont, and Washington, D.C. The mixer chairman arranges the six annual mixers, this year presenting bands such as the Touchables, Eccentrix, Strutter, and NRG. The day programming chairman arranges afternoon entertainment in the Center Lounge on various dates during the semester. These include speakers, musicians, and comedians. Finally, the films chairman runs popular movies such as "Animal House", "Porkey's", "Moonraker", and their once-a-semester X-rated movies.

SAC's aims are to enrich the varied and comprehensive cultural and recreational needs of the Institute community.
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Top: Hanging out in the SAC office is the best way to spend the day.

Middle Right: Dave Seckinger gets his caricature done at this annual SAC favorite.

Bottom: SAC staff. Back: Ken Bartone, Joe Walsh, Mike Butterworth, Don Butterworth, Allen Wolke. Middle row: Mike Bartone, Joe Cauwels, Anna Federowsky, Tom Ertle, Surrman Bumper, Myron Petruch, Patricia. Sitting: Cindy Goodman, Steve Petrarca, Don Raymond, Nancy Wiysic, Dave Sekinger. Middle Left: "Do Wakka Do"

SAC

Above: Marty Cresenzo, S.A.C. President.

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Top Right: SAC events: where you can express your true feelings.

Bottom Right: Heal Thyself and you shall live forever.

Bottom Left: Time to party out with Strutter.

Middle Left: Is Steve planning another practical joke?
The Vector is NJIT'S weekly school newspaper. It provides the campus community with news about NJIT, its events and its surroundings. The Vector is our main form of communication on-campus. All academic news as well as information about what's going on on campus, can be found in the Vector. Besides bringing us news, the Vector is an important student and faculty service which we take for granted. It informs us of school schedule changes and final exam schedules, and it is also a means by which we can voice our opinions about campus issues as well as national and international controversial issues.
Featured are: (far left) Mark Bros typing in the weeks headlines. (large picture and bottom right picture on page 84): Virginia Walton. (Bottom left picture, page 84): Sam Armejos - Manager! and a friend plan next weeks advertisements. (Page 85 top): 'Wow! Look who's on the front page! (Middle): Sam takes a breather after making his ad phone calls. (Bottom): Typesetting is fun says Corey Keisler.
TEN FATHOMS CLUB

The Ten Fathoms Club is for students that love adventure in the undersea world. The club has taken many dives off the New Jersey Coast to explore submerged vessels of years gone by. Some members of the club include the following: Pat Debiassi, John Silva, Donna Forshay, John Larkin, Al Lenox and Tony Sista.
Engineers for Social Progress was founded in January 1984. Conceived by Ron Gregorio and further developed by other club members, the organization's mission is to increase awareness among students of current, controversial issues. These issues range from the war in Central America to the proper disposal of hazardous waste. While the club is still in a formative stage, they plan to sponsor speakers and movies regarding these controversies in the future.

The photo highlights one of the lighter sides of the group. (Notice the club does not have a "President" but rather a "Chairperson").

**top left** (From left to right) Diane Dudasik—Secretary of the Treasury, Ron Gregorio—Chairperson, Arlene McKenna—Executive Director of Public Affairs, Mike Onofrietto—Executive Gopher and Secretary, Orest Hrycak—Co-Chairperson.

**bottom left** Mike tries to convince someone to join the club.

**bottom right** One of the events the club sponsored drew a large crowd.
WJTB

WJTB is NJIT's student run radio station. It operates on a regional unassigned frequency of 550kHz in the carrier current mode and it plays primarily progressive rock and jazz with public information broadcasting for Newark and the NJIT community. It also sponsors parties and socials such as "Pub Nite" and it provides music for such events as the Student-Faculty Picnic.

Top picture: The members of WJTB: (Left to right): Joe Scuderi, Mauro Dal Pan, Bill Brunner, Bob Visich (station manager), Curt Schopfer, and John

bottom right: Bob Visich spinning a Top 10 disk.
bottom left: Mauro brings JTB to the green during this year's student - faculty picnic
MCGOVERN'S: IS THIS A CLUB?
In the large picture are the members of Chinese Christian Fellowship: (Third Row) John Chan, Chi-Ming Liu, Yi-Yu Chan, Kwok-Wah Hui, Ming Tui, Liu, Kuang-Lie Lee, Jia-Jenz Hsu, Hsin-Lo Mei, Chan-Hon Lu. (Second Row): Irene Wang, Paulina Yick. (First row): Chia-Huei Lin, Gir-Wen Ni, Dr. Hsin-Neng Hsieh, Pastor John Low, Jing-Chau Wu, En-Wei Hu, Yao-Zong Jen.

In the smaller picture is a Chinese Christian fellowship group meeting taking place.

CHINESE CHRISTIAN FELLOWSHIP

The Chinese Bible Study was set up two years ago. Our sponsor is Dr. Taze of the Civil Engineering Dept. Brother David Li of Pomerus Church comes over every week to conduct our Bible study. Our objectives are 1) to know more about God, and 2) to help foreign students in their daily lives. Our bible study is at 4:00 on every Thursday in F210.
The NJIT Christian Fellowship is an organization on campus that has the responsibility to teach the TRUE GOSPEL. The group functions together to give warning that everyone is under the wrath of God because of their sins.

The TRUE GOSPEL, which is outlined by the Bible alone and in its entirety, tells us that we must forsake our rebellious ways and hang our whole lives on the God of the Bible in order to escape eternal damnation. The group accomplishes this task by weekly Bible studies, booktables, a radio station program, and personal counseling.

left to right- Paulina Yick, Jerry Charles, Joe Vocaturo, Jim Blabolil, Paul Conigliari middle left- Joe Vocaturo spreads the Word by setting up a display in the Center. middle right- Joe and Dave Paxton share ideas and views at a Fellowship meeting. bottom- Dr. Lehman, their advisor, shows off an award as Jim Aynedjian and Steve Andrascz look on with pride.
The Interfraternity Council represents over 300 students at NJIT. The Council consists of 28 people, two from each fraternity. The IFC discusses various topics which affect the fraternities and their brothers. These include community service, service to the Institute, athletic activities, and social functions. Events such as the annual Spring Clean-up of High Street and the bi-annual Blood Drive are sponsored by the IFC.

The most important function of the IFC is monitoring the activities of the fraternities during the rush period each semester, which include hot dog days, spaghetti dinners, and other daytime events. The IFC sets up a schedule so that each fraternity is given an equal chance to meet with the new freshmen. During the past year with the enactment of the new alcohol laws, the IFC worked interactively with the fraternities to prevent any violations. This is accomplished by encouraging non-alcoholic beverages at parties as a way as of restricting hard liquor during class time.

The fraternities are a great asset to the Institute. It is the responsibility of the IFC to keep its membership as active as possible while upholding the policies of NJIT.
GREEKS DO CRAZY THINGS
Talk about Jeckyl and Hyde. Here's a football player doing the latest ballet step. Some Phi Beta Sigma pledges escort a brother to the phone.

Some fun-loving Alpha Sig sisters the latest in Kappa Xi fashions.

Tau Delta Phi features their famous "siamese twins". "So what do YOU want for Christmas?" Two Alpha Phi Delta brothers compete to see who gets drunk first. Phi Lambda Sigma favorite hangout—the roof!!
FRATERNITY HOUSES
They Come In All Shapes And Sizes

this page

**top left**- Sigma Pi, the largest house on campus **top right**- Alpha Phi Delta, "the purple house" **bottom left**- Tau Epsilon Phi, better known as "TEP" **bottom right**- Pi Kappa Phi, famous for their dance floor

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**top left**- Iota Kappa Phi, one of the few houses with a sign on their house for those who don't know their Greek letters!! **top right**- Tau Kappa Epsilon, better known as "TEEK" **bottom**- Phi Lambda Sigma
Alpha Sigma Phi is one of NJIT’s newest fraternities, yet also one of the oldest on campus. The Alpha Rho chapter here at NJIT has an interesting history. Originally founded as a local fraternity, Phi Delta Zeta, in 1907 at NCE, it became the Alpha chapter of a small national fraternity, Alpha Kappa Phi in 1921. In 1946, Alpha Kappa Phi merged with Alpha Sigma Phi, a strong national fraternity founded at Yale in 1845, and the Alpha Rho chapter was born. But it became dormant in 1952 and stayed that way until 24 students re-chartered on January 29, 1982 at NJIT.

Presently we are thirty-three strong and we still pride ourselves on sticking to our original beliefs of high academic standards, campus involvement, personal involvement, and anti-hazing. We firmly believe we are unique and innovative, but sometimes misunderstood. That is why our motto is: “the cause is hidden, but the results are well known.”

bottom row (left to right)- Glen Trimboli, Stuart Altman, John McGee 2nd row- Doug Pundock, Dan Hufnagel, Marty Lyons, George Snow, Hugh McKenna, Brian McKenna 3rd row- Glenn Johanson, Shepand Ismaili, Mauro DalPian, Gary Bauers, Jerome Coviello top row- Jeff Hellinger, Pete Campisano, John Chayko, Sami Ismaili

top left- the Alpha Sigma Phi “abode” middle left- Dan demonstrates to his brothers how to meet a girl, middle right- “Here’s to being an Alpha Sig brother!” bottom- President Stu makes an important comment while Mauro stares off into space.
The members of Sigma Chi Epsilon are pleased to announce that their first full year of 1983 on campus has been a success. After thirteen years, Sigma Chi Epsilon has returned to campus and has since expanded from a beginning charter of twelve to fifteen members. The past year has allowed members to get to know each other, work together, and to grow closer as a sorority.

Among the events held during the last two semesters are a Halloween pumpkin sale, ice cream social, bake sales, rush parties, and social events. In the near future, Sigma Chi Epsilon is hoping to organize a marathon dance in addition to community services, rush events, and pledging.
Though the brotherhood of Phi Lambda Sigma is small in number, over the past year they've shown themselves to be a formidable opponent in the sports arena of the Interfraternity Council; and if they work hard, they play hard as well. The fraternity has seen some of its best parties in its history this past twelve months and is sure many more are to follow. Scholastically, 40% of the brotherhood has been on the Dean's List and those who weren't are striving for it with increased fervor.

bottom row- John DeFusco, Dan London, Pete Haverick 2nd row- Vincent Genovese, Ron Stanko 3rd row- Steve Katz top- Frank Schlessinger not pictured- Brandon Emery, Bob Michie, Bob Cerone, Bill Donnelly, Ray Seakan top left- the Phi Lambda Sigma "abode" middle- Brothers Steve and Frank show off some of their "friends" bottom left- Southern flags and crazy eyes (the picture to the left)— these are the tastes of one of the Phi Lambda Sigma brothers. bottom right- Some brothers waiting for their dinner to be cooked.
The Brotherhood of Kappa Xi Kappa fraternity is celebrating its 20th anniversary this year. Kappa Xi is one of four local fraternities on the N.J.I.T. campus. This allows the brothers to hold various independent activities which include canoe trips, camping and hiking trips, and the recent two condo biannual ski trip. Parties are held every Thursday, so come visit the house and meet Kappa the Wonder dog (holder of a world class frisbee) and Xi the ferocious feline.

Kappa Xi Kappa’s house is located on High Street. This fraternity house was created only four years ago when the seventeen brothers moved into it after leaving their old house on Central Ave. Their new house is a very big and comfortable one. This house is divided in three levels and a basement in which the brothers hold their very famous “Beach Parties”.

The Brotherhood of Kappa Xi Kappa fraternity is celebrating its 20th anniversary this year. Kappa Xi is one of four local fraternities on the N.J.I.T. campus. This allows the brothers to hold various independent activities which include canoe trips, camping and hiking trips, and the recent two condo biannual ski trip. Parties are held every Thursday, so come visit the house and meet Kappa the Wonder dog (holder of a world class frisbee) and Xi the ferocious feline.

GROUP PIC:
Looking back on Sigma Pi's sixty-second year on campus, the brothers of the Alpha Mu Chapter have much of which to be proud. Since its inception, Alpha Mu has tried to uphold the high standard of brotherhood, leadership, scholarship set by its founders.

In the past year, Sigma Pi was IFC football champions for the ninth time in ten years. They have continued to be a dominant force in both IFC and Intramural athletics, placing well in all activities they have participated in.

Alpha Mu's social calendar was highlighted by the Orchid Ball, a formal dance held this year at the Springborne Manor in Union, NJ. Some of the more popular parties of last year were the Christmas Party, the Halloween Party, the Kamikazi Bash, and the Sunova Beach Party.

In the field of community service, Alpha Mu did more than its share by donating time to the Newman Center and to NJIT’s Alumni Association.

The year of 1983-84 has been a very busy and fruitful one for Sigma Pi, and the fraternity hopes it will be able to participate in and contribute to NJIT for many years to come.
This past year has been one of the most successful and prosperous in recent Tau Delta Phi history. Second place in both IFC basketball and football are to name but just a few of our accomplishments. Nationally, our chapter took second place in softball for the second year in a row.

Social events are becoming a legend at Tau Delt with our wild Tasmanian Parties.

In short, steeped in tradition and seasoned with just the right balance between idealism and realistic outlook, Tau Delta Phi can look back proudly on its accomplishments.


top right - the Tau Delt "abode" middle left - Danny, Mike, and Paul show off their costumes at their Halloween Party middle right - Some Tau Dels and their advisor, Dr. Foster, all decked out and having a good time bottom left - "Don't take our picture. We're losing!!" bottom right - the price of being a Tau Delt bro!
Alpha Sigma Mu is NJIT's fraternity for veterans. The efforts of the Veteran's Office and the Registrar in helping the veterans over the years are greatly appreciated. The fraternity wishes the best of luck to all graduating seniors and the future alumni of Alpha Sigma Mu. Good luck Fred and Kris!

Alpha Phi Alpha is the first predominantly black college fraternity, and was founded October 23, 1906 at Cornell University. They are dedicated to developing leadership qualities and academic scholarship. Famous Alpha men include: Martin Luther King, Jr. Duke Ellington, Paul Robeson, Jesse Owens, Thurgood Marshall, Andrew Young, and NJIT's own Fred Harris, counselor and William Glover, vice-president in charge of operations.
Tau Lambda Chi is a local fraternity concerned with only one item: brotherhood. Located at 299 High St., TAX celebrated its 20th year in existence in 1983-84.

This 20th anniversary capped a banner year for Tau Lambda Chi. In interfraternity athletics, we finished at the top in both percent of our brothers finished the term with Dean’s List honors, a distinction achieved by only 11 percent of the NJIT population. On the social scene, TAX’s “Club 299” continued to be one of High St.’s hot spots.

In spite of our small size, the brothers encompass a vast range of diverse interests and activities. Armchair quarterbacks, athletic standouts, the intellectual elite, six-year men, and all the rest of NJIT’s “future engineers” can find a place at Tau Lambda Chi.

For the brothers of Tau Lambda Chi this year will be remembered for “North Bogus”, “CMS kitchen fines”, “many hot P’s in the stands”, “cha-cha”, “the eternal pledge”, “it takes a thief”, “conGLOMorates”, “F’s ankles”, “the flying AWACS”, Daddy Deegan”, “Burnie’s KB”, “Maulfairs coefficient”, and assorted other axioms.

The brothers of Tau Lambda Chi-
pictured- Jeff Deegan, Richard Fiorentino, Richard Albeck, Kelly Giblin, Steve Trussel, Mike Dougherty, Clyde Borg, Paul Connelly not pictured- Pete Scheffler, Dave Deegen, Si O, Shep Stokosky, Greg Hopkins, Joe Rossillo
top right- the TAX “abode” middle left- Which of his girlfriends is he calling now?? middle right, and bottom left and right- TAX’s favorite pastime: drinking and relaxing
The Epsilon Psi chapter of Theta Chi at NJIT was installed on December 8, 1963. Presently there are 40 brothers, each coming from a different background.

Theta Chi’s social calendar is the envy of all Greeks. Not only do we have a party each week, but each party is a new experience as any survivor of a Buffalo Brew party can tell. Aside from our parties, there are also our Hotdog Days, where a rushee can get a better feeling for our brotherhood. Theta Chi is also a strong force in inter-fraternity athletics, and always has a good showing at the Greek Olympics and Turkey Trot.

Being just one chapter of a very large national fraternity, we often have the opportunity to visit other chapters at other schools across the nation. Each year we attend a regional conference for all chapters in the Northeast. Also, this year many of our brothers took a road trip to the national convention in Scottsdale, Arizona.

Theta Chi, however, is not only fun and games. We realize the primary importance of education; hence our slogan: Alma Mater first, Theta Chi for Alma Mater. No matter what problem a brother or a pledge may have in a course there is another brother in the house who has had the course and is willing to lend a helping hand. Aside from the help one may get from the brothers there is also our files, library, and new mini-computer. Academic excellence is evident by Theta Chi’s eight active honor society memberships and a continual host of Dean’s List recipients. Apart from being active in the fraternity, Theta Chi brothers can be found on many varsity sports, Miniversity staff, professional societies, NJIT faculty, and many campus clubs.

bottom row (left to right)- Ted Gjini, Mike Los, Wilson Orozco, Jack Tobin, Dominic Simonetti 2nd row- Tony Politano, Jim Iversen, Tony Farinaro, Mark Cotugno, John Langdon, Steve Jurczak, Ron Diaz, Tawn Simons top row- Scott Backer, Peter Koutsian, Harry Collins, Dennis Hagerty top left- the Theta Chi “abode” middle right- Dennis Hagerty shows off his popularity at one of their parties. middle left- “She’s a little flat-chested, isn’t she Tony?” bottom- A quiet relaxing day at Theta Chi.
Alpha Sigma Tau has the proud distinction of being the first national sorority ever to be founded at NJIT. AST was formed in 1899 in Michigan. On April 30, 1983, the Beta Upsilon Chapter was installed. Thirty four NJIT women were initiated as the founding sisters. Since then, AST's membership has gone to 41 sisters and an additional three pledges.

The purpose of Alpha Sigma Tau is to promote the social, ethical and cultural development of each and every member. Being newly formed, the AST sisters are striving to achieve these goals through sisterhood and gain knowledge by contributing their share to school and community activities and programs. In the past, Alpha Sigma Tau has participated in such community activities and holiday parties for the children at St. Michael's Hospital in Newark and a Christmas toy donation to Shriner's Orphanage.

Alpha Sigma Tau sisters help out all over campus. Some of the events the sisters have assisted in, are the NJIT Soccer team's Soccershon, the Alumni Association's phonathon and campus Homecoming. AST's faculty advisors are JoAnn Dixon and June Launay.

The sisters of Alpha Sigma Tau hope to become more involved in campus and community activities as we celebrate our first year. We extend a warm welcome to all those entering NJIT and wish good luck to all those graduating.

FRONT ROW: Sue Hruby, Lori Gascard, Noreen Schmid.
SECOND ROW: Joan Profita, Alice Patras, Maribel Guerreno, Esperanza Hernandez, Allison Schneider. THIRD ROW: Paula Schley, Theta Susas, MaryAnn Muccha, Miriam Jovellanos, Olga Fonticoba, Janet Hoffman. FOURTH ROW: Donna Tichenor, Nancy Wistik, Kathy Hoffman, Karen Ebgert, Regina Rygelis. FIFTH ROW: Joan Spiropolous, Veronica Grabowiecki, Barbara Perun. SIXTH ROW: Kathy Theiss, Susie Augustowski, Maria Munoz, Jean Kaminski. NOT PICTURED: Sharon Schemidt, Linda Werdann, Carolyn Salzmann, Anna Sanchez, Maria Lorente, Marina Naska, Jackie Martinez. COUNTERCLOCKWISE: “Sisterhood in action” “Well, we can always make it as Bakers” “We are NOT Alr's . . . yet”
LIFE AS A GREEK

**top left**- Lou Flas is practicing for the Greek Olympics. **top right**- Some Alpha Sigma Tau girls enjoy themselves while selling cupcakes. **bottom left**- The "Galloping Gourmet" is preparing a poisoned dinner for his brothers. **bottom right**- What kind of homework is Marty doing that could possibly be so funny??
top left- One of TKE's services—the phonathon. **top right**- Greeks drink anywhere. In this case two brothers wallow their worries away in the Pub. **middle left**- An IFC "Superbowl" game between Tau Delt and Theta Chi. **middle right**- Tony does his homework in the quietest place on campus—the Pub. **bottom left**- Phi Lambda Sigma and a brother after a wild party. **bottom right**- A fraternity brother shows his more gentle side as he becomes friends with a fellow student.
"WE'RE HAVING A PARTY"
top left- Some women of NJIT prove NJIT women can party as well as anyone else. top right- Some Tau Dels and their dates ham it up for the camera at their Halloween Party. bottom- While people dance on their famous dance floor, these Pi Kapp brothers drink up.

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top- This must be one hell of a Theta Chi party. Look at the smiling faces. bottom left- Some Alpha Phi Delta brothers catch up on their drinking with a female friend. bottom right- An Alpha Sig brother pigs out in one of their parties.
clockwise: 1. It looks like Hauser's team is up five touchdowns to Duane's one. 2. Bob Hegarty's and Rich Fifoot's idols. 3. Ralph Landau proving to us that he's the quickest "HABIBI". 4. Dave Denure: Eat your heart out Oleg! 5. No Nancy Mariano is not in this picture. 6. Sharon posing for Seventeen.
clockwise: 1. Cris, Alicia and Ronnie exhibit their jumping talents. 2. The next Pele? 3. Tom Flaherty: See what I can do Oleg! 4. Timeout; Mary Ann and Gina are jogging. 5. Ray Paulius in control.
The 1983-84 NJIT cheerleaders finished yet another season of excellence and improvement. Under the direction of Sharon Sindet, the cheerleaders became a close knit squad, which showed through in their cheers and school spirit.

There were many ups and downs in the season, the biggest downer being that of broken promises. Because of low funds, the cheerleaders could not go to their annual summer camp and new uniforms could not be purchased. They also did not go to Chicago with the basketball players for the IIT tournament. Finally, the soccer players and fans alike were disappointed with the absence of cheerleaders at their games this year.

However, many good things can be said about them. There has been a tremendous improvement in their cheers, mainly because of the hard work the cheerleaders put in during practice. The cheerleaders themselves have gotten better, perfecting old stunts and learning more difficult ones.

There is a deep sense of togetherness on the squad, as the old members teach new members, and vice versa. Finally, the addition of guys on the team help to build harder pyramids and do more dual stunts.

By far the highlight of the season was having the privilege to cheer at the Byrne Meadowlands Arena, when the basketball team played against Trenton State there. The cheerleaders should be congratulated for their outstanding performance and efforts. As for next year, most of the squad will return to once again cheer NJIT teams to victory.
left to right- Joan Spiropoulis, Cris Fatjo, Veronica Grabowiecki, Monique Mazza, Alice Patras, Nancy Witsik, Karen Egbert, and Tom Pitt.

page 118 top right- Let's go for it!! bottom right- Karen in action. bottom left- You mean we're losing again???

page 119 bottom left- How come Nancy always gets to be on top? bottom right- Cris, Alicia, and Karen in suspense.
The NJIT Women's Volleyball team completed its season with an overall record of 6 wins and 15 losses. Coach Dave Denure was pleased with the way the girls played against the tougher teams.

The season included a trip to Atlantic City, which resulted in a victory over Jersey City State. The team also took part in a two day tournament at East Stroudsbourg in Pennsylvania.

The final match of the season was played at SUNY at Old Westbury, NY. It was a thrilling five-game victory for the team whose members saw a lot of court action.

This year's team was led by captains, senior Becky Miranda and junior Heidi Harting.

As one team member Marilyn Dawson put it "It was a great season. We've all improved enormously and enjoyed ourselves a great deal. Most importantly, we have formed some great friendships and had a terrific time."
back row: Coach Dave DeNure, Sharon Ingram, Diana Lee, Marilyn Dawson, Eveland Graddy, Heidi Harting, Claudia Gonzales, Odarka Polanskyj, Eileen Begasse. front row: JoAnne Propsner, Ileana Wong, Sandy Rojas, Becky Miranda, Rosemary Hicks, Rosemarie Ronquillo.
The 1983 NJIT soccer team enjoyed another fine season. Their record of 9-6-3 enabled them to qualify once again for the ECAC (NY/NJ) playoffs.

Highlights of the season include big victories against Bloomsburg State, Rutgers-Newark, and Upsala. Many of their losses, such as those to Scranton and Kean, were against nationally ranked teams. In the ECAC playoffs, a shootout victory over Stockton State in the semi-finals brought them to the finals against Kingspoint, only to lose by a score of 5-1. Finally, congratulations are in store for co-captain Ray Paulius, who was named to the Division III All-American Soccer Team.

Under the direction of Mal Simon, in his final year, Efrain Borja, and assistant coaches Nelson Graha and Jeff Caputi, the team was evenly balanced, producing many good players. However, injuries and academics became a major obstacle in the middle of the season, especially in goal where the team went through four goalies. The team will lose many senior members, but to fill their shoes include many underclassmen who show tremendous potential.
Team photo

**bottom row (left to right)** Dave Janssen, Ronell Dorvil, Arvind Tikku, Paul Bette, Ray Paulius, Dave Buck, Andy Muldowney, Ricky Baptista, Guy Cilento.

**top row (left to right)** Efrain Borja (coach), J. Malcolm Simon (coach), Dave Richau (trainer), Danny Nyschit, Pete Stauffenberger, Jose Rego, Enri Bernadotte, Herbie Green, Armin Bedrossian, Hani Shouga, Fred Mowczan, Jeff Caputi (asst. coach), Utron Dixon, Flora Petrou, (mgr.), Jimmy Romanaki, Nelson Grahia (coach).

**middle left**- Enri kicks one in from the side. **middle right**- Pete saves the ball. **bottom left**- Co-capt. All-American Ray Paulius tries out for the Rockettes. **bottom right**- Bob Berger is looking for someone to scare.
The women's varsity tennis team made history by playing its first varsity match ever.

This season the team had the opportunity to play St. Elizabeth's and Rutger's Newark.

The top three players all had backgrounds in scholastic tennis. Playing at first singles was MaryAnn Mucha of Jersey City, a junior. Following her were sophomore Terri Wheeler of Bridgeton and junior Megan Sweeney of Avon.

Finishing out the seven women squad were junior Joan Profita of Clifton, Alexandra Patras, a junior from Perth Amboy, Lori Gascard, a sophomore from Secaucus and Michele Freeland, a freshman from Hamburg.

"Every year we have an increasing number of women on campus, and we're now at the point of promoting the future of women's athletics at NJIT," said coach Duane Felczak.

All the team members enjoyed a great season and are looking forward to next year.
front row, left to right: Megan Sweeney, Terri Wheeler, Mary Ann Mucha, Duane Felczak. back row, left to right: Joan Profita, Alexandra Patras, Michele Freeland.

Alexandra Patras-fifth singles
Michele Freeland-sixth singles.
BASKETBALL

The men's basketball team was lead to a 12-12 by captains Sal Gagliardo, a 6'4" junior forward, and senior Tom Gallagher, a 6'1" guard. Although there were many injuries which plagued the team (such as Tom Gallagher's broken foot) and a few academic suspensions, there were still many positive things which can be said about Coach Catalano's crew.

The season was highlighted by Sal Gagliardo's MVP Award in the Independant Athletic Conference (3rd time in the past 3 seasons an NJIT player has been named MVP, Tom Gallagher doing the previous two seasons), Sal being named to the All-Tournament Team in the Yule Cup Classic held in Montclair State College, Tom Gallagher scoring his 1000th point against William Paterson, and Warren Rogers and Tom Gallagher's being named to All-Tournament Team in the High Tech Division II and III Tournament. Coach Jim Catalano is looking for 5'9" freshman Warren Rogers and 6'8" freshman Glenn Prince to become main cogs in the NJIT machinery along with 6'3" sophomore Ken Chance and Kevin (Walls) Gann, 6'5" freshman Gus Drossos had a fine season along with Jim Piccinich. Veterans Mike Ryan (one of the wounded), Gerald Holmes, Andy Kelly, and Steve Sofman also contributed to the NJIT season.
top- bottom row (left to right) Ken Chance, Kevin Gann, Tom Gallagher (Captain), Jim Piccinich, Gerald Holmes, Coach Jim Catalano top row (left to right) Matt Reinl, Mike Ryan, Sal Gagliardo, (captain), Warren Rogers, Glen Prince middle left- Sal sweeps himself off his feet to make the basket. middle middle- In a crucial moment of the game, "Cat" reveals to the dejected team that the game is fixed in their favor. middle right- "I'm gonna fly like an eagle" . . . bottom- Gerry Holmes invents a new dance as he closes in on his opponents.

top left- After Sal saves the ball, both teams now wonder where it went. top right- A two-pointer for Myron Hendrick as Tom Gallagher gets ready to rebound. middle left- Sal shows his frustration as FDU steals the ball. middle right- "1, 2, 3, . . . Let's go!!" bottom- "Where did that ball go?" asks the players of both teams.
clockwise: 1. Sharon and Becky on defense. 2. Who says you have to look like Ken Gayer to lift a few tons. 3. NJIT's bestows knowledge upon NJIT's finest. 4. Wayne Gretsky on ice.
The working man’s game: this misunderstood sport continues its long tradition as a major sport at NJIT. Under Coach Peter Montllor the team travelled throughout the East to take part in collegiate tournaments. The team was captained this year by senior Mike Finnegan who distinguished himself as our only four year man. Most Valuable Honors went to Laurie Werner for her match game and tournament performance. Junior Dewey Lima, sophomore Joe Cauwels, and freshman Curtis Frazier also brought home honors. First year player Brian Degan also led our intramural program.
Downhill skiing, the sport that encompasses grace, strength, flexibility, and coordination has demonstrated renewed progress this year, at NJIT. Under the supervision and guidance of coach Ted Paliwoda, the team advanced their abilities to achieve personal rather than team records.

To emphasize the tremendous potential that lies within this team mention must be made to outstanding freshmen like Tom Flannery, R Chin and J. Treptow, whose perseverance is admirable. Generally speaking the team reaches its established goal: To gain experience and improve skills rather than concentrate on high scores.
Track at NJIT is on its way up. Led by sophomore Doug Troast and team captain Allan Steel, coach Henry McCloud's harriers ran to a winning record of 8-7. This is a drastic improvement over last season's dismal 2-11 effort.

An excellent recruit of freshman runners gave the team the necessary depth to become a winner. Of the team's top seven members only Steel will be lost to graduation, so next season's recruiting looks very promising.

Highlights of the season include two upset victories over local powerhouse Montclair State, the third and fourth place finishes of Steel and Troast in the Conference Championship meet, and the "Fun" week spent training in Vermont.

Team Members (Top)
Bottom: "So, What's your opinion, Should we go for CENTERFOLD?"
Coach Oleg Moiseenko who has been coaching the Men's volleyball team for the last four years, has been pleased with the overall performance of the team this year. Goals for the team included increasing team wins as well as improving individual skills. Outstanding accomplishments were achieved by A.J. Alcantara, H. Mckenna, and P. Chin, whose performance achieved a winning match in many occasions.

The coach's philosophy, to prepare each athlete and the team as a whole, to be as good as their potential allows, has proven true on many occasions. Hard work and dedication has made the men one of the top teams in the state.
Top Left: Starting Team: Clockwise: Ray Petrucci, Peter Chin, Anibal Alcantara, David Omeda, Tom Flaherty, Joe Pniewski.

Bottom Left: "I don't think we are winning, are we?"

Top Right: "Who said I couldn't jump?"

Bottom Right: "God, make it go over the net, please!"
The Golf team for this spring semester is stronger than ever. Peter Montllor, the coach has set great tasks for his team to meet. Some of these tasks include the improvement of skills, achievement of records, winning or simply "getting it in the hole."

Within this team we find great potential and most of it is concentrated in two of the best players. These players have what a great golf player should have - a challenging spirit. We are talking about Kevin Osetec and Stewart Bennion. The NJIT Golf team is widely known through the tri-state area; they have competed in several tournaments and kept a consistent record of three and two even though four matches were postponed because of the weather. Even though they have had great difficulty with schools like Ramapo, they never gave up and they still kept their "Challenging Spirit."

Coaches' Corner:

The '84 Golf team played in various tournaments, including the prestigious Metropolitan Collegiate Championship. Most valuable Player was Kevin Ostec. Freshman John Liskonitz, sophomores Stewart Bennion, George Anacuta and juniors Ed MacDonald were also team standouts. Also competing for the Highlanders, seniors Warren Zelico, Gary Gasper, and new players Mike Garmon and Alan Schmitt. Results of our team will be published this fall.

Top pictures: "Talking about style; this boy has it, "concentration at its best.""
Middle pictures: "If I could only remember how to hold this thing . . . ." "O.K.. Let's go before they finish us."
Bottom: "Don't worry coach, we'll save the day."
This year's Pistol Team consisted of six highly skilled and dedicated people, not including the most dedicated of all, coach Matthew Ciesla. Featured are M. Peralta, J. So, R. Espinosa, D. Forshay, A. Sista, and J. Weisberger.
Dave DeNore, the coach of the softball team has great confidence in the team this spring. His task of recruiting the girls from NJIT to form the team was a very successful venture. The team is now composed of great athletes like Becky Miranda a very strong hitter, and the outstanding pitcher Jean Kaminski.

The outlook of this team for the spring is promising. The girls are looking forward to a winning season improved skills and having fun.
At the beginning of the Highlander season, their second season in the Metropolitan Collegiate Hockey Conference at Division 2, Head Coach Joe Hannabach was thinking big and his expectations were high as his hockey team was coming together well. For the first time ever, they had some real hockey talent to work with.

After a strong start (3-2), the Highlanders went into a horrendous January slide, leaving them with a 3 win 7 loss record by February. The loss of players like Louie Obbsuth and defenseman Howard Kraus hurt them defensively. Fortunately, the second semester additions of Peter Parelli and Jeff Beck helped to reestablish their chances to make the playoffs. The Highlanders completed the remainder of their schedule with 4 wins and 4 losses for an overall record of 7-10 and a spot in the MCHC Division Playoffs.

Unfortunately, the Highlanders playoff success was shortlived, losing to University of Southern Connecticut in the first round, who eventually went on to play in the finals. The Highlanders put a scare into their opponents by holding a one-goal lead, 4-3, with seven minutes remaining but bad luck prevailed and the Highlanders lost 7-4.
Front row- Billy Coogan, Gary Sheerman, Myron Jarenko, Dale Vanyo, Lou Obsuth, Ralph Corallo, Dana Jacobson, Pierre Levesque  
Back row- Dave Richau, Doug Genemhart, Vic, Andy Downie, Joe Kraszewski, Tom Dudulis, Al Sargentelli, Mike dePoortere, Mike Morgan, Jeff Beck, Howie Kraus, Joe Hannabach

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**top**- An NJIT hockey player tries to prevent the puck from going into his own goal.  
**middle left**- Hockey isn't always a violent sport. Here two opponents kiss and make up.  
**middle right** The rush is on as the puck bobbles in the hands of the goalie.  
**bottom**- Releasing frustrations, an NJIT player sticks his stick into an opponent.

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**middle left**- “Oh no! There goes the puck!” thinks one hockey player.  
**middle right**- “Save that puck!!”  
**bottom left**- An NJIT player can’t hide his feelings when he sees the score raised by one.  
**bottom right**- Another set-up to the goal.
NJIT Fencing was at its best in 1984, taking second place overall at the North Atlantic Fencing Championships. The team is looking forward to continued success in the future.

**Team Picture: back row, left to right:**
Asst. Coach, Bob Lynch; Ron Heisler, Gary McFadden, Bill Nichols, John Kiss, Peter Lee, F. Gulino, and Coach P. Hauser; **front row:** Danny Rodriguez, Chuck O'Brian, and Peter An. Below: Coaches Lynch and Hauser with Chuck O'Brian and Ron Heisler who made the NCAA championships. **Middle, small picture:** The Epee Team. **Lower right, Large picture:** The Foil Team.
The Luge Team at NJIT has become a varsity team not just a club. In the past season they had a very tough season lugging against teams like The University of Anchorage and McGill in Canada. The team improved as the season progressed. They even got some practice on the Olympic luge run at Lake Placid. The Team is heading for Florida for some "spring training." Their next season looks very promising after winning against Stevens, Grambling, Winsconson and Georgetown. See ya in "Calgary 88".

Team Members Top:
Left To Right: Olav M. Thornsen, Dirk Steel, Pasqua Baccagaloup, Sven Lynstrom, Saul Rabinawitz and Alfonse Diablo.
middle Left: "O.K. Let go for the medal",
middle right: "NO, we are NOT weird"
Bottom: "Calgary here we come"
The Men's Tennis Team at NJIT consisted of the following players: A. Pechal, S. Armijos, R. Tomasetti, M. Law, K. Lynch, S. Patel, and Captain R. Kwinta. The squad was coached by Stuart Cohen.
UNDERCLASSMEN
Top left- SAC member Alan "Sparky" Wolke prepares for the Holloween mixer. Bottom left- "Is there film in that camera?"

Center- A rare photo of an NJIT student after an exam. Bottom right- Manny receives something he has always wanted from Santa.

Page 149 Top right- Hurry before the system breaks down again! Center left- "Don't take that picture!" Bottom left- "Are you serious?"

Top left- Playing a game of frisby is a popular game for many student at NJIT. Center right- A student finds the information he needs.
Once a student becomes a junior, nearly three quarters of their college experience is over. By this time, students specialize in more courses that are directly associated with their chosen field of interest. For example, EE's finally learn how computer circuits work, ME's learn the applications of thermodynamics and fluid mechanics, while architecture students learn how to design a structurally sound building.

By the end of junior year, many of those grueling math and physics classes are now history. At this point, there is no turning back. High school memories begin to fade faster while thoughts of success and career goals predominate. Many juniors opt to go on the Co-op program so they can gain valuable on-the-job experience. Overall, juniors begin to recognize the demands of the "real world" and the strong competition that exists in it.
Top left- Mike Ryan is getting ready to steal the ball.

Top right- Ralph, Chemistry isn't that boring! Bottom left and right- two women students find different places to relax.

Page 151 Top left- Heidi Harting receives the ball. Top right- This junior's writing up a new schedule since his old one got closed out. Middle left- Nick and Mary Ann compare pictures. Bottom left- studying in the Center Lounge-how does she do it? Bottom right- Look Out! Here I come.
PLEASE DEPOSIT ALL SOILED DISHES ON CONVEYOR.
With the change of the legal drinking age from 19 to 21, the 1984 class of juniors are part of the last junior class statewide that can legally consume alcoholic beverages. Thus NJIT's first and last Junior Pub Night in the fall semester was also its last. Nevertheless, juniors are active in sponsoring and partaking in other school activities including mixers, team sports, and school government.

As members of the junior class read these pages dedicated to them, most are already considered seniors. Now they are ready to start the last year of their undergraduate education. We, the members of the NUCLEUS, would like to wish you the best of luck and these final words of advice: Go for it! Make the best you can.
The freshmen who does not drop out or transfer will most likely go on to graduate from NJIT. After taking 28 credits the NJIT student is finally considered a sophomore. This usually takes two or three semesters to do. Being a sophomore can be considered a relief. Those aggravating freshmen courses which have nothing to do with one's major are over. Also, sophomores are already used to life at college; they handle responsibility better and know how the school works, so surprises are few. Finally, just the name "sophomore" which in Greek means "wise fool" sounds much better than "freshmen", a term which is usually considered derogatory and "low life".

It is in the sophomore year that most transfer students come in. More importantly, however, sophomore year begins the "gut" courses, that is, those that pertain to one's major. Basic courses such as introductions to Computer Science, Electrical, Industrial, or Mechanical Engineering, Mechanics, Surveying, Economics, "P-Chem" or studio are taught to give sophomores an idea of what they're in store for. Most changes of major are done during this year, since no time is lost in taking "wasted" courses. Thus, the sophomores usually leaves their second year of NJIT with an idea of what they want to do with themselves after college.
SOPHOMORES
Page 156 top left- Paul Axelsen at one of Alpha Sigma Phi's "exciting" parties. top right- A group of sophs wishing to be in the yearbook get their reward. bottom left- Jim Meyer beats up a video machine. middle right- Karen Egbert and Myron Petruch exchange ideas at the Miniversity Camp. bottom right- Two sophomores getting their mail.

Page 157 top left- What could Marty be showing us? top right- Tom Ertle and Carolyn O'Brien goof off on the Green. middle left- Beth Stein, Beth Droughton, and Amani De Silva pose for an NJIT Brochure which shows how much women enjoy the campus. bottom left- Carolyn and Eladio are waiting in line for caricatures.
Like all other classes, sophs love to hang out after class, but, unlike most freshmen, the now experienced sophs get involved in extracurricular activities. If not involved by sophomore year, a student will probably never get involved. The sophomore participating in activities begins to move up in an organization and may even be given titles. There are sophomore leaders in SAC, the Senate, The NUCLEUS, the ski team, the Vector, fraternities, and other organizations. Unfortunately, this class is the only one without a government, since the President resigned without a Class Council. Consequently, no events were sponsored by the sophs.

Once sophomore year is completed, students can be considered to be "over the hump". Half of their college career is already over, but the worst may be yet to come!
top left- Jerry Holmes dribbles the ball to the basket. top right- Sheila Forster assembles a desk. bottom left- Anna Fedorowsky shows off the "child" in herself. bottom right- Aaaaaay, I'm Mike Michelli, the baddest and coolest!!
The 1983 freshmen class of NJIT was officially welcomed to the college on August 30th during Miniversity. Most experienced feelings of nervousness and confusion as they found their way around campus using their maps.

Indeed, being a freshmen can be the pits. Being away from the simple life of high school, the frosh find themselves into another world. Now, they must do everything for themselves and are responsible for all their actions, since no one tells them what to do. Experienced sophomores and juniors are used to such things as buying books, making up schedules, and dealing with the finance office. Even the first exam can be traumatic for freshmen. In time though, life for freshmen settles down and becomes a routine they get used to.

On going to class, freshmen are divided into sections and take the same classes together. For the engineering frosh, courses include Chemistry, Physics, Calculus, EG and CIS 101. Architects take Intro. to Design and Drawing, and People and their Environment. All BSIA students take Accounting. However, all frosh are subjected to zero credits of gym and Orientation, and three credits apiece of English and "Hum". In these classes, the freshmen may be introduced to college lectures designed to cure insomnia, labs designed to destroy physical substances, and studio, designed to warp minds.
Top Left: "Mama nobody tol' me it begins like this"
Bottom Left: Warren at its best.
Top Right: "And this is for you, Chem department"
Middle Right: "Dipti Patel, enjoying Chem lab."
Middle Left: "Hey, let me out of here."
Bottom Right: "Yea, another day of disaster."
Bottom Far Right: "Who says we're bored?"

Top Left: "Mila and Sherif enjoying themselves after a hard day."
Middle Left: "Two freshmen trying NOT to enjoy cafeteria's food."
Bottom Left: "In my opinion, this is what school is all about."
Top Right: "Maria trying to deal with humanities."
Middle right: "Doesn't ERA says that She pays for lunch?"
Outside of class, freshmen behave like any other class. They eat in the "caf", lounge out in the Center, play video games, or go home. A few, however, start to become involved in extracurricular activities. Involvement, though is usually minimal because most freshmen concentrate on academics their first year. Nevertheless, freshmen are making their names known in organizations such as the Senate (with their ten representatives), the NUCLEUS, in sports such as soccer and basketball, and in fraternities.

Some have said that freshmen year is the easiest; some, just the opposite. Only time will tell what will become of this class, the newest group and the future of NJIT.
The institute's Cooperative Education program, which began in 1976, has become very popular in recent years. Co-oping adds a full year to the time required to complete a degree program. It allows students to be employed in local businesses and industries where they spend two six month work periods earning a full time salary, and getting professional work experience in their field.

Pictured are as follows:

Upper left corner: Mr. Kenneth Diehl, cooperative education director.

(A) Augie Felix - Allied Corporation (Bendix), Job title: Engineering Aide

The job included functions in software development and software quality assurance.

(B) Kalpesh N. Shah - Perkin Elmer The job was testing the compiler and working with the operating system.

(C) Frank Novoa - Hoffman La-Roche, Nutley, NJ. Job Title: Engineer Tech. II. Frank, who is majoring in Industrial Administration, joined the Facilities Planning Department. At that time, Frank was involved in establishing a data file on building classifications. Frank's programming skills include BASIC, FORTRAN, PASCAL, and some COBOL. The knowledge Frank has in these areas has assisted Facilities Planning in categorizing and storing information in the computer that is accurate, up-to-date, and available almost at the touch of a button. Frank's stay, has been pleasant and educational. It has proven to be a unique and interesting experience that has given him the opportunity to utilize his programming skills in a corporate environment.

(D) Stephen N. Andrasz - Peoplexpress Airlines The job duties included compiling and disseminating statistical data for inventory control use. This is part of a loop system in which students are rotated to various departments.

(E) Meths Prity - IBM corporation, Kingston. Title: Co-op programmer. Job Description: Writing programs for Display product Division.

(F) Robert Tully - GPU Nuclear, Title: Student Trainee-Technical Function-power department.

"I'm involved in calculations that will show that the back up D.C. batteries will power the Oyster Creek Plant in the event of a power loss."

(G) Michael George Popper - Schiavone Construction Co., Secaucus, NJ. Title: Junior Engineer

"My responsibilities include design of temporary and earth retaining structures." Michael also worked with progress reports on various jobs, computer aid design and programming, and he worked closely with engineers who have ten and fifteen years experience in construction.

(H) Sam Khoury - Personal Products Company, A Johnson and Johnson Company.
Description of Duties: Involved in packing of products manufactured along with design of test fixtures and installation of modifications to existing machinery. Other duties include setting maintenance schedule for test equipment.

(J): Robert Grassmann, Job Title: Co-operative Engineering Trainee
The job included assisting the Industrial Engineer in the research, development, justification, co-ordination and follow up of projects.

(K): Keith Olasin - Public Service Electric and Gas Company
“I was initially attracted to the Co-op program by the opportunities to serve first-hand the application of academic principles to practical problems, and to develop a sense of ethical values in a professional environment. Employed by PSE&G at their largest fossil fuel fired electric generating facility (Hudson Generating Station), I was able to take advantage of these opportunities to the fullest extent.

Some of the many projects assigned to me included the revamping of an inspection work order system and the study of the station’s consumption of municipal water. Upon completing both six-month terms of employment, I feel confident of my ability to tackle problems of any magnitude in a professional manner. For me, the program has proved to be a great success.”

(K): Nick Ladomirak - IBM Service, West Orange NJ, Job Title: Customer Engineer College Co-op Student.
My duties were to help the other customer engineers with the services such as installation, and removal of IBM equipment at local industrial and commercial sites, and to provide the customer with preventative maintenance services, and help take service calls in the event of hardware failure.

Most of the time, I worked on input and output devices for System 370's, and system 380’s; IBM 3420 Tape Drive Machines, IBM 3380 Disk Drive machines, and IBM 3211 Printers, among other machines. I worked on site at several IBM customer locations such as K-Mart Apparel, Time Inc., Sea Land Services, Mutual Benefit Life Insurance company, Clark O’Neil, Hartz Mountain Industries, and others.

I learned much about IBM computer systems, and what it takes to keep large commercial computer systems going. Thanks very much to Branch Manager Bob Kunshaft, Field manager Bill Slater, Jerry, Maurice, Gene, Joe, Bob, and everyone who I worked with at IBM service, 279. Co-oping, was certainly worthwhile!

(L): John Pettesch - Personal Products, A Johnson and Johnson Company
Job Title: Development Co-op Engineer
John was responsible for development of new techniques of Manufacturing and improvements of existing products.
Honor Societies

HONOR SOCIETIES

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The Gamma Kappa Chapter of Eta Kappa Nu, the National Electrical Engineering Honor Society, was founded at N.C.E. to stimulate and reward scholarships in the field of Electrical Engineering. The members of Eta Kappa Nu strive as future engineers to perform under a standard of professional behavior, which requires adherence to the highest principles of ethical conduct, honesty, impartiality, fairness and equity on behalf of the public. Through various tutoring programs, corporate plant trips and professional relationships, the members of Eta Kappa Nu benefit by a close association with one another. The goal of this society is to contribute through collective and individual action, to the engineering profession, the institution and the lives of all individuals concerned with the quality and preservation of life.


Above-Three members obviously enjoy a chapter party.
Center-The officers, Bill Panaro, John Rawlins, Tony Kulesa, and Paul Manz. 

Bottom-And if you haven't seen enough members, here are some more!

Right Corner-Taking the Pepsi challenge.
Chi Epsilon, the National Honor Society for Civil Engineers, was founded at NJIT in 1958 by a group dedicated to maintaining and promoting the Civil Engineering profession. Scholarship, leadership, practicality and sociability are the fundamental requirements for membership.

Chi Epsilon retains as its motto the Greek letters Chi Delta Chi. These three letters symbolize conception, design, and construction. These are the three phases of any creative project.

Membership is a reward for accomplishment. Chi Epsilon is a mark of excellence that is readily recognizable by others. Members, precept, and example, strive for a high standard of professional service.

The National Industrial Honor Society, Alpha Pi Mu, was founded in 1964. Membership is based on academic standing and professional conduct. Any junior or senior IE is welcome to apply. The society offers students another opportunity to increase their knowledge and involvement in their profession.

Page 171: Top- Standing, Gordon Kelly, Dr. Wolf, Chris Duncan, Steven Mangodet, Manny Psyhojos, Hossain Goodarz, Dr. John Miholsky. Sitting, Thomas Lotti, Joanne Edwards, Jila Ghaffari, Martin Cilwik.

Center- Jila Ghaffari

Center Right- "Dear Mom, why am I here?"

Bottom- Another group shot of Alpha Pi Mu.
The Arnold Air Society is an honorary society connected with the Aerospace Studies Program. A commission as a second lieutenant in the United States Air Force is available to any student who completes the Aerospace studies option through the Air Force ROTC program on campus.

The National Honor Society for the decision sciences is open to all students who have 5 courses in the decision sciences, one computer course, and a good GPA. The headquarters for this society is the Department of Industrial and Management Engineering.

Page 172:
Top: Three Air Force cadets in front of stealth aircraft.
Center: Standing, Tony Rubinich, Cynthia Schwarz, Gordon Kelly, Thomas Lotti, Dr. Carl Wolf, Dr. David Mohr.
Seated, Jila Ghaffari, Rich, Kenneth Bishop, Martin Cilwik
Bottom Left: Cindy Schwarz, Bottom Right: Rich and Ken debate about the plan for the next meeting.
Page 173:
Center Left: Tony Rubinich
Phi Eta Sigma, the freshmen national honor society, initiated 22 new members in a ceremony held on April 25, 1984. The initiation ceremony took place immediately after a dinner at the Appian Way restaurant in South Orange, where over 50 people congregated to honor the society's newest members.

Phi Eta Sigma is an organization dedicated to the ideals of intellectual and physical excellence. The NJIT chapter boasts a membership of over 75; to gain entry into the society, each member had to obtain at least a 3.5 grade point average in his freshmen year.

The new members are: Duclair Atis, Dave Beagin, Scott Brenner, Minh Dovan, Elizabeth Eng, Mark de Haas, Kevin Davis, Mario Garcia, David Jameson, Stephan Kusik, Denise Lee, Mark Lisnyansky, Stephan Marinelli, Manuel Mateus, David Mazzei, Gordon Miller, Laura Ramos, Thomas Rogers, Gary Rossi, Stephan Sarullo, David Schulz, and David Venezia.

Elections for next year's officer's followed the initiation ceremony. The results are as follows: Myron Petruch - President, Walt Dawydiak - Vice President, John Leschinski - Senior Advisor, Amani De Silva - Secretary, Thomas Rogers - Treasurer, and Stephan Kusik - Historian.

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Omega Chi Epsilon, the Chemical Engineering Honor Society, had its inception at the University of Illinois in the Spring of 1931. The object of the Society, as stated in the national constitution, is recognition and promotion of high scholarship, original investigation and professional service in chemical engineering.

The Eta chapter, founded at Newark College of Engineering in 1957, promotes recognition of deserving juniors and seniors for their academic achievements.

Tau Beta Pi, the National Engineering Honor Society, confers honor upon those students who have distinguished themselves by their scholarship and exemplary character. NJIT's Gamma chapter was founded in 1941. Tau Beta Pi has accepted membership in the upper eighth of the junior class and upper fifth of the senior class.
Pi Tau Sigma, the National Mechanical Engineering Honor Society, was founded in 1915 to foster the high ideals of the engineering profession, to promote the mutual professional welfare of its members, and to develop in students of mechanical engineering the attributes needed for effective leadership, and the assumption of the responsibilities of a citizen in a democracy.

N.J.I.T.'s Tau Theta Chapter has made dynamic improvements in the past. Such improvements include tutoring for all junior and senior mechanical engineering students, sponsoring an Outstanding Senior Award, and representing N.J.I.T. at the National Convention of Pi Tau Sigma.
Bottom Row (left to right)- Cheryl Pizza, Arlene McKenna, Cynthia Sidote, Catherine Reily
Top Row- William Percival, Samuel Armijos, Michael D’Innocenzi, Cynthia Schwartz, Manny Psyhojos, Jennifer Stark, Steve Stacy, Manny Ashong, Michael Samuel, Tony Rubinch, Bob Dilly, Alicia Fatjo, Lisa Kuo, Mary Eiberger, Dr. Craig

Some ODK'ers are hard at work at a seminar. right- The initiation of some of the "best" of NJIT.

ODK, the national leadership honor society, recognizes outstanding juniors and seniors in areas of leadership and academics. To become a member, one must obtain a GPA of 2.5 and hold at least one office in any organization at NJIT.

This year's officers consist of the following people: Jennifer Stark (President), Cynthia Schwartz (Vice-President), Mary Eiberger (Secretary), and Mr. William Percival (Treasurer). Because of this group, ODK experienced one of their biggest and busiest years ever.

Some events sponsored this year include a toy drive, a handicap service, and a leadership conference. In addition, ODK once again presented the Outstanding Sophomore and Senior scholarships.
HONOR SOCIETIES
PROFESSIONAL SOCIETIES

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The NJIT AIAA student chapter promotes and reflects the interest in the Aerospace industry.

The AIAA membership provides services needed to keep professionals informed of new technological advances, such as Space Shuttle missions, space exploration and aircraft design.

These services include lectures from industry professionals, publications, films as well as access to a library of NASA publications and aerospace books.

The chapter also competes against other colleges in an annual aerospace design contest sponsored by Bendix. This past academic year, the student chapter visited a Grumman Aircraft Assembly plant on Long Island.
The American Chemical Society provides information and support to students in the chemical sciences. ACS also offers nonacademic functions such as trips and social events to allow the students and faculty to interact.

Top: The Officers, Jayashree Iyer, Gerri Anderson, Thomas Staab, and Janice Racz
Bottom Left: ACS officers Jayashree Iyer and Janice Racz at the St. Louis Conference.
Bottom Center: ACS President Geraldine Anderson at the St. Louis Conference.
Bottom Right: ACS officers Tom Staab - Vice President, Jayashree Iyer - Secretary, and John LaRegina - Guest at the St. Louis Conference.
The American Institute for Chemical Engineers has activities and programs which serve to acquaint students with the different Chemical Engineering fields. They also run department feedback sessions and discussion groups.

Top Left: Members indulge at party.
Top Right: Dr. E. Roche, Bill Bracy, and friend, Mark Leckner, and Sherry Dauerman.
Bottom Left: Many more members indulge at party.
Bottom Right: Rich helps decorate for the Christmas season.
The American Institute of Architects is the professional society for the New Jersey School of Architecture. The AIA informs students of the many facets of architecture and introduces the student to professional architects, and professional procedures.
The ANS student chapter exists to make NJIT students aware of our nuclear engineering program (the only one in N.J.), to inform the public about nuclear power, and to provide a social and professional center for the nuclear engineering students. This year we ran trips to Cintichem's radioisotope production facility, and to the Shorehem nuclear power plant. We also brought a speaker on nuclear fuel management to campus, participated in the ANS regional student conference in Lowell, Massachusetts, and for some rest and relaxation, took the Circle Line around Manhattan with dinner in Chinatown afterwards.
The American Society of Civil Engineers is the oldest society at NJIT. The national organization was founded in 1852 and a chapter was established at NJIT on April 13, 1931. This year, the ASCE consists of approximately 120 members, most of whom are seniors. The officers for the 1983-84 ASCE consists of the following people:

Tom Paolella- President, Mike Samuel- Vice-President, Tom Lemanowicz- Recording Secretary, and Jim Melton- Treasurer.

The ASCE has always been a very active organization, and this year was no exception. In addition to its bi-weekly meetings with guest speakers from Civil Engineering, the ASCE held many field trips such as the Moles trip, an annual dinner-dance held with Chi Epsilon, and their famous Concrete Canoe Race, where the NJIT chapter came in fourth.
The AIIE is the professional society for IE's. It provides its members with speakers, programs, and a newsletter to help the student better understand the field.
Some of the members of ACM include the following: Hugh Shannon, Hessel Algera, Alicia Fatjo, Heidi Harting, Glen Greiner, and Bob Burger.

The Association for Computing Machinery is the professional society for computer science majors. ACM provides information about computers and related fields to the students. It provides a common base for students from different majors to get together and share their common and different interests in computer science. The members decide on the society's events and this has enabled the club's membership to double in just one year. Among the ACM sponsored events are Pub Night, ACM lectures, plant trips, and a miniversity class. The 1984 officers are President Hugh Shannon, Vice President William Beeck, Treasurer Alicia Fatjo, and Corresponding Secretary Hessel Algera.
The Institute of Electrical and Electronic Engineers is a professional society that helps disseminate information about varied areas in Electrical Engineering, while at the same time providing a link between the Academic and Industrial areas of Engineering.

The IEEE accomplishes this by having lectures and through their varied publications. The society also provides a link between a forum for discussion between the two parties.

The IEEE would like to express sympathy to the family of Dr. Delucia on the behalf of his recent death. His loss will be greatly felt in the E.E. department and especially in the IEEE Professor Delucia was not only the head advisor to the IEEE but a good friend. He gave many hours of hard work and time to the Society. He will be greatly missed.
The Society of Women Students is an organization which provides resources, support and opportunities for women undergraduate students at NJIT. SWS arranges a variety of programs and activities with the interest of women in mind. Major events usually include women’s awareness week, which is usually held each year in April. This is a full week of events for women at NJIT. Some events include movies, lecturers and entertainers. These events are planned such that they create a close knit feeling among both women and men on campus.
The Society of Women Engineers is for women in engineering and related fields. They act as a liaison between the business community and the students. Membership is open to all NJIT students. They provide NJIT with lectures, plant trips, seminar, workshops, and films.

Pictured are (Left to right) Isabel Vincent, Jayshree Iyer, Gerni Anderson, Mary Eiberger, Naureen Egon, JoAnne Propson and Maria Gugero. Bottom picture: The door to information about women's programs.
SOCIETY FOR THE ADVANCEMENT OF MANAGEMENT

Above Top row, (standing left to right) Prof. Percival, Tony Rubinich, Tom Kraik, Cathy Reilly, Prof. Corshu, Sue Zivi, Joe Natale, Debra Levinson, Dr. Spector, Gabrielle Tidaback, Bob Crocetti, Joan Profitta, Stan Plant, John Migneco, Olgni Fonticoba, Anna Fedorowsky, Nancy Mariano, David Grau, Janice Falco, Michele Hart, Arlene McKenna, Henry Duncan, Susanna Lukacs, and Willie Chestnut (seated left to right) Russel Morris, Pete Aiken, Pete Parelli, Manny Ashong, Ed Michieski, Dave Citer.

SAM is the professional society that deals with students interested in Management. It is composed of students whose majors are Industrial Engineering, Manufacturing Technology, and Industrial Administration. It is one of the fastest growing professional societies on campus.
The Society of Manufacturing Engineers serves as the parent society of three special groups: CASA/SME, AFP/SME, and RI/SME. As professional societies, the SME follows trends, developments, and changes in manufacturing, and channels this information to its student members.

The officers for the SME consist of the following members: Mark T. Casadevall (Chapter Chairman), Vincent Szabo, Jr. (Vice Chairman), Harold Brown (Treasurer), and Joseph Corona (Secretary). Their faculty advisor is Professor Joseph Kopf.

The 1983-84 year was a very busy one for SME. The Chapter’s activities include technical tours of local manufacturing facilities, and campus activities to inform students of technological advances in the rapidly changing field of manufacturing. These advances include robotics, CAD/CAM technology and similar automation techniques needed in today’s competitive market.
The photos on this page are from the April 27th Opening Reception for a Gershon Benjamin (pictured above with Merwin Kinkade) Art Exhibition. Mr. Benjamin, 85, has been painting since the age of 10 and is known worldwide. His exhibition at NJIT was the largest showing of his work to date.
John Kolisch, the world's fastest hypnotist appeared at the center. Student volunteers were hypnotised, as the school watched. The hypnotist demonstrated hypnosis, as he had students be "who they want to be." Later in the program, he showed that hypnosis can create strength and immunity, as he conducted two demonstrations; one with a student, who was stiff as a board, and another with himself, showing that he feels no pain when hypnotised.

Among the student volunteers were "Bruce Springsteen," "Diana Ross," "Muhammad Ali," and a speaker on women's liberation. The students, later brought out of hypnosis, were asked about who they were and what they did. None were aware of the roles that they assumed.

The hypnotist said that hypnosis is a very relaxed state of mind; beneficial to self realization and self growth of the individual. He demonstrated that one has unbelievable power over himself in the state of hypnosis.

Large Picture (Top): Students are controlled by the hypnotist, as they all respond to "raise your right hand if the answer is yes." Middle Picture: Hundreds of NJIT students and faculty enjoy watching their peers being hypnotised.

Bottom Left: Student is hypnotised and is stiff as a board. Later, a student is asked to stand on him to demonstrate his stiffness.

Bottom Middle: Am I me or Diana Ross?

Right Column: Top: Some students are really hypnotised, while others, quite awake laugh at the silliness of the matter.

Middle: A student thinks he is Bruce Springsteen, and as the Hypnotist says, "Here's Bruce opening up with his first number," yells out the first verse of "Born to Run," just like Bruce.
ART EXHIBITION: Don Miller

THE STUDENT CENTER GALLERY
New Jersey Institute of Technology
150 Beekman Street, Newark, New Jersey
Presents an Exhibition of Drawings and Paintings by
DON MILLER
Artist's Reception Friday, February 3, 1984
4-5 p.m. and 7-9 p.m
Exhibition open 9 a.m. - 8 p.m. weekdays through February 29

The Don Miller exhibition at NJIT was the artist's first since returning from Nigeria. His artworks depict his impressions of Africa and Jamaica collected from his visits there. Mr. Miller is a nationally known artist primarily in the field of book illustration, but he has also been commissioned to do portraits of five past and present heads of state. Mr. Miller now lives in Monclair, New Jersey.

Top (L to R) Don Miller and his wife, Dr. Constance Murray, Dean of Students and Merwin Kinkade, Director of The Center extend greetings.
Middle: A close viewing is needed to appreciate the details on the scratch board. Guests enjoy the festive evening.
Directly Below: Some of the sponsors of the art exhibit (which include Educational Opportunity Program, Alpha Phi Alpha Fraternity, Phi Beta Sigma Fraternity, The Center NJIT, The Newark City Chapters of Sigma Gamma Rho and Alpha Kappa Alpha)
Photos to Far Right: The invited guests and NJIT students took great interest in the works of art displayed.
NJIT's Glenn Small, Alan Tafler, Robert Gaiparin and William Bracy competed in the annual College Bowl. These students proved themselves very knowledgeable, in areas related to technology, when tested in this competitive situation.
The All Student picnic is an event that we wait for each year. Out of all events on campus that are extracurricular, the all student picnic has the most student participation.

This year the picnic included Greek Olympics, a concert performed on the green, an obstacle course, and displays from several clubs. Besides having many events at the picnic, we can not forget the free food.

Left 3 pictures starting from top: Ready, get set, selling concert-tickets, and having fun; rolling away the obstacle course.
Large 2 pictures from top: Pie eating contest is well underway; performance on the green.
Bottom 2 pictures: Students participate in frisbee fun as well as in the obstacle course. Student organizations give away free food.
What does one write about a concert that was not very memorable? The Senate Concert Committee worked hard to make this event successful but it did not quite make it. The acoustics were poor, the band only played one hour, and most of the crowd did not seem into the music. Maybe this was due to the fact that the concert was held towards the end of the semester and a lot of people were too bogged down with schoolwork.

Nevertheless, some did have a good time and danced to the new wave sounds of the British group. Their most famous song, "I'll Stop the World and Melt With You," caused the greatest response. It was at this time that most people got up to dance. Perhaps the most memorable aspect of the concert was the lead guitarist's hair. One wondered if he ever got a comb through it all!
May 1983

Beat it...Love's got a line on you...Theme from Flashdance...Separate ways...Steppin' out...Cuts like a Knife...Rock this Town...Time (Culture Club)...H₂O...Go-Go's...Little Too Late...She's a beauty...

Entertainment

In Sports: The French open is won by Noah, first frenchman to win it; Chrissy wins the women's title.

World & Nation

Economic summit is held at Williamsburg Va.

Nuclear Arms Protests Around the World

Yuri Andropov officially becomes President of the Soviet Union

May 24, 1983 marked the 100th anniversary of the Brooklyn Bridge. A celebration including fireworks was conducted to commemorate its birthday.

State & Local

Margaret Thatcher is re-elected Prime Minister of Great Britain

On June 18, Sally Ride becomes the first American woman in space when she takes part in the flight of the Space Shuttle "Challenger."

Pope John Paul II visits Poland.

"What's Next"—"Today Neptune, yesterday Pluto, and tomorrow onto the stars"—Jack Dyer, Chief of operations for the Pioneer 10 space Probe which crossed out of our solar system as planned, and continued into space.

On June 7th, a statewide computer literacy conference is held at NJIT. It was said that "In an age that demands computer literacy, a school without a computer is like a school without a library."—Senator Frank R. Lautenburg.

Campus

A Computer Literacy conference is held at NJIT, among those important people who attended were Governor Kean and Senator Lautenberg. (Please see state/local news)

Many summer programs were held at NJIT for different purposes. Among them was a math course for seventh and eighth graders, taking place from June 27 to August 5th. (See July)

You:
Aug. 1983

Don't Cry ... The Heat Goes on ... Sweet Dreams ... Let's Dance ... Modern Love ... Billy Jean ... What a Feeling ... Tell Her About It ... Major Tom ... Sexy and Seventeen ... Sharp Dressed Man ... Stand Back ... Asia Performs at the Meadowlands ... Movies: Risky Business, Vacation, Staying Alive ... In Sports: $10.2 Million is paid for a Kentucky bred colt: the highest price in history ... The Nation is hit with $1.6 Billion in hurricane damages as Alicia wips through the country, devastating parts of Houston and Galveston on August 18th. The 240 U.S. Marines died in a terrorist attack on our Marine barracks in Beirut. "There is no clear way out. We cannot retreat under fire and if we were to declare war, we wouldn't know who to declare war against." - Sen. Cranston. On Tuesday, October 25th, U.S. Troops invaded Grenada to prevent another communist takeover in the Caribbean ... A Nuclear Conference is held at NJIT on November 2nd and 3rd. Vladmir Shostov from the U.S.S.R addresses about 500 people who attended the conference, saying that the European stalemate may lead to a third world war. Americans watch "The Day After" on ABC-TV. Local groups meet to discuss the theme of the movie, and and also to discuss what they can do to stop the arms race. On November 23rd all formal disarmament talks are broken off by the Soviets.

Sept. 1983

Baby Jane ... Thriller ... All Night Long ... The Heat Goes On ... Let's Dance ... Major Tom ... Sharp Dressed Man ... China Girl ... One Thing Leads to Another ... Tell Her About It ... Burning Down the House ... Movies: War Games ... In Sports: It's the Orioles vs. the Expos, and the Dodgers vs. the Royals in the playoffs. United States Military forces are fighting in Grenada and are present defending Beirut, Lebanon. On November 23rd all formal disarmament talks are broken off by the Soviets.

Oct. 1983

Major Tom ... China girl ... Baby Jane ... Thriller ... All Night Long ... One Thing Leads to Another ... Tell Her About It ... Sharp Dressed Man ... The Heat Goes On ... Love is a Battlefield ... In Sports: Baltimore wins the World Series. A Nuclear Conference is held at NJIT on November 2nd and 3rd. Vladmir Shostov from the U.S.S.R addresses about 500 people who attended the conference, saying that the European stalemate may lead to a third world war. Americans watch "The Day After" on ABC-TV. Local groups meet to discuss the theme of the movie, and and also to discuss what they can do to stop the arms race. On November 23rd all formal disarmament talks are broken off by the Soviets.

Nov. 1983

White Lines ... Under Cover ... Major Tom ... China Girl ... Baby Jane ... Thriller ... All Night Long ... Tell Her About It ... Love is a Battlefield ... Innocent Man ... In Sports: Hagler beats Duran in Boxing.

Dorothy Levy is Named Dean of The Third College ... Simon is named Director of Athletics.
This time line of memorable events in 1983 and 1984 is to help you piece together what was going on in the world during your school year, and help you see where you had a part in it. Notice that the bottom of these four pages are for you to fill in the meaningful events in your life during the school year. The remainder of the page is filled with trends and current events from May 1983 to June 1984. This time line is not meant to perfectly accurate, however we are providing the reader with a general sense of time.

Entertainment

The entertainment section consist of major events such as concerts, sports, popular movies and especially popular music. We are not providing you with the top "ten" songs of each month, rather, we are giving you a list of what we found ourselves listening, to.

...Karma Chameleon... Say it Isn't So... White Lines... Thriller... Love is a Battlefield... All Night Long... Total Eclipse of the Heart...

In Sports: The Jets announce their move to New Jersey. Mary Decher is named Sportswoman of the Year.

World & Nation

The World and Nation section of our time line reminds us of major (current) events history. There is an emphasis on political issues of the time.

State & Local

The State and local section is concerned with current events in metro New York, as well as state news. Some local problems, trends, and current events are concerned.

Campus

Finally, the Campus section is concerned with major events at NJIT and the college community. Included are student activities, cultural events, academics and the like.

Sac presents "Strutter" at a Pre Christmas/Pre Exam Mixer on December 9th.

In Sports, the NJIT Bowling team participates in the Annual Christmas Classic Bowlmor Rec. in New York City. Carla Frazier and Dawey Lima win third place honors.

January 16 marks the start of the Spring '84 semester at NJIT and the end of winter travels.

You:

You:
March 1984

- *Time Line*
- Footloose
- Strange Days
- Education
- Theme From Liverpool
- Here Comes the Rain
- I Want A New Drug
- Pink
- 99 Red Balloons
- Adult
- Endearment
- Blame it on Rio
- Jump
- Hello
- For the Longest Time
- O’ Sherrie
- Pink
- Houses
- ‘Tina
- Jump
- Hello
- Boys
- Girls Just Wanna’ Have Fun
- Houses
- The Authority Song
- Against All Odds
- The Language of Love
- Movies: Moscow on the Hudson, Where the Boys Are.

March 13th. is “Super Tuesday” in the Democratic Primaries. It looks like Hart three, Mondale- two, and Jackson close behind.

On April 23, scientists announce isolation of the Aides virus.

U.S. 1 & 9 is closed near Jersey City, due to a “Cave In” during resurfacing of the roadway. The closing is expected to effect 200 thousand commuters who use the highway each day. Mostly truckers are effected, since they are not permitted to use the Pulaski Skiway as an alternate route.

There is a lunar eclipse on May 30th at 12:55 P.M., although it could not be seen by New Jerseyans, since most of the state was covered with clouds. The next major eclipse will occur in the year 2017, blackening out New York and New Jersey, as well as other areas of the country.

The American Chemical society holds its regional meeting on May 21st, 22nd, and 23rd. There were about 1000 chemists, and about 400 papers presented. May also marked the New Jersey Young Filmmaker’s Festival at NJIT. May marked graduation for some.

NJIT holds a Physics Conference on March 21st.

TKE (Rutgers -Newark) sponsors a Keg Roll from Newark to Troy New York, to benefit St. Jude’s Hospital in Memphis Tenn.

NJIT wrestling finishes second in the North Atlantic Fencing Championships at Penn State.

In Sports, the NJIT Bowling Team participated in the National Match Games in Springfield.

In Men’s Volleyball, NJIT took fifth place in the Eastern Collegiate Volleyball League Playoffs at Rutgers in Newark.

NJIT holds a Physics Conference on March 21st.

A Writer’s Conference is held on May 21st.

NJIT holds its regional meeting on May 21st, 22nd, and 23rd. There were about 1000 chemists, and about 400 papers presented. May also marked the New Jersey Young Filmmaker’s Festival at NJIT. May marked graduation for some of us as we took part in the sixty eighth commencement exercises at the Garden State Arts Center. In Sports, the NJIT Varsity Baseball team took second place in the ECAC Metro N.Y. N.J. Tournament. NJIT Baseball wins the championship of the Indep. Athletic Conference an at Drew (8-0).

June 15th. was the first New Jersey Video/Film festival. June 4 was the last working day for the 1984 Nucleus. It was a rough year. Work will be started for the 1985 Nucleus (also a fall edition) sometime in July. The Nucleus staff will be lead by Cristina Fatjo, who was elected editor of the 1985 Nucleus.

President Reagan visits Europe. Jessie Jackson announces that he will take a trip to Cuba; to do some negotiating.

Kevin Kropaczek
SENIORS
The 1984 Spring Semi-formal was held on Friday, May 4th, 1984 at the stately Wayne Manor. The evening's entertainment was provided by the Roustabouts and the Cu Chullain Band. The two contrasting groups created a unique mix of sight and sound. The evening was sponsored by the Senior Class, whose hard work and dedication was rewarded with an evening that was enjoyed by all. These four pages capture some of the "special moments" of an evening of good food, good friends, and great fun!!
Reflections on Graduation by Arlene McKenna

Graduation was very memorable for me. I remember hoping that it would be sunny and then rejoicing when I awakened to a crystal clear, blue day. Yes, the weather was beautiful on that Thursday.

It was a perfect day for a tailgate party. There were many going on but the one I will never forget was hosted by two of the most "experienced" tailgaters of them all—Dr. and Mrs. Schopfer. They had an entire bar in a cooler as well as assorted snacks. Everything was neatly arranged on a table with a tablecloth. There was even a centerpiece! After drinking a strong Bloody Mary I had to leave these entertaining people to "assemble".

Assembled on the hill, the future graduates looked anxious to receive their degrees. While it was a long ceremony (somewhere around 2½ hours), it was filled with several humorous moments that will never be forgotten. Thomas dePoortere's Class Address highlighted everything that was NJIT. From the art of finding a parking space to eating in the Pub, he made us laugh and reminisce. And then there was poor Ding Dang. Everybody there will remember that graduate's name. Finally, there was the phonetics system. The people reading the names had a hard time pronouncing not only the foreign names but easy names like Ziccardi and Fracaro as well (Ha! Ha!). C'est la vie.

Overall, graduation was a day filled with many mixed emotions. While I was happy to be graduating, I was sad at the thought that I might never see some people again. Would I stay in touch with my NJIT friends? Thus, it was a day filled with sadness, excitement, but most of all—happiness. A major stage of my life was over and another was beginning. I must admit that I had a good time in college and will probably miss it. There comes a time, however, when one has to say goodbye so here it goes—"So long NJIT!"
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Student Senate-Freshman Rep., Admin. Vice
Pres., Pres., ODK, Outstanding Sophomore
Award

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Ringwood, NJ     B.S. in C.I.S.
Dean's List

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ASME, IEEE, Varsity Baseball Team

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Newark, NJ       B.S. in M.E.
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Boonton, NJ       B.S. in M.E.
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Sigma Chi Epsilon, Soc. of Women Students Pres. 1980-1982, S.A.C.

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<thead>
<tr>
<th>Name</th>
<th>Hometown, NJ</th>
<th>Degree</th>
<th>Additional Information</th>
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</thead>
<tbody>
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B.S. in E.E.
Intramural basketball, softball

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B.S. in M.E.T.
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ASME, Publicity Chair., PITAU Sigma-Tau, SWE

ROBERT ANDREW VISICH
Wash. Twp., NJ  B.S. in M.E.
ALPHA EPSILON PHI

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Elmwood Park, NJ  B.S. in M.E.
ASME, TAU BETA PI, PI TAU SIGMA, Co-op

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BHASSO, President ('81-'82), BASE, NSBE

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Whippany NJ  B.S. in M.E.

MARY L WHITE  
East Orange NJ  B.S. I.A.  
AMA, ACM, Sigma Epsilon Mu, Dean's List

WILLIAM C WHITMAN  
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AICHE, Tau Beta Pi, Omega Chi Epison

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PETER ANTHONY WILLIAMS  
Irvington NJ  B.S. in Construction Contracting  
BASE, NSBE, CARIBSO, ASCE, SSCC

SCHILA WITHERSPOON  
Newark, NJ

MARGARET WIDROWSKI  
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Judo Club President, SWE, ACM

TRACY TODD WOODSON  
Orange NJ  B.S. in Man in Tech.  
AIIE, SME, Basketball, Softball, Resident Assistant.
Waiting to register for her last undergraduate semester, Margie Wnorowski feels quite satisfied.
IT'S A DOGS, SENIORS' LIFE!!
It seems like only yesterday that I was faced with my decision concerning becoming involved with the 1984 yearbook. I felt very honored to have the responsibility of being editor, but I was unaware of the difficulties that would lie ahead when I accepted the position.

I remember starting our first organizational meeting in Room 323C on a Wednesday afternoon last April. We started then with a small inexperienced staff of four people with myself a novice as well. Sooner than we expected the school year started, and we were faced with capturing it for this yearbook. It was almost comical to watch us seemingly try to organize and do everything at once! The basic concept appeared so easy, to layout a page with art, photos, and copy. It could be done in half an hour... dream on! We soon had a problem, who takes the photos, who draws the art, who writes the copy, and even better, who organizes the money. (This is not a multiple choice question.) Thank goodness, in time, my dedicated friends and staff found the crucial answers... we have to do everything ourselves!

As editor I watched something that I had planned on working on one hour or two a week, grow to almost occupy my life. The Nucleus seemed to absorb all of my free time at school and home, the time I allotted for homework, and eventually, my class time! Soon, just like a giant sponge, it absorbed by GPA!... so much for the gory details.

Now for the “good stuff”. I think the 1984 Nucleus was a learning experience for myself and all the people who helped in its production. I would like to thank my staff for their support, and for sticking by me til the end. A special thanks to Ron, Cris, Mike, Dave, Paul, Bonnie, and all the others who are mentioned on there pages. The book wouldn’t “be” without you. I hope that the “signs of 1984” which you now hold will be an important milestone in your life, it certainly was in mine.

Nick Ladomirak
Co-Editor-in-Chief
1984 Nucleus
Top: Our official Staff Photo
Film Strip: (left to right) Bonnie Levine, Josten Rep: "Hey, I lost 20 lbs. for this picture!", Joe Marcinia: Now you see him, now you don't. Jim Aynedjian: without his fireman's hat.

Middle: Ron LaSala: planning a new chart and graph

Bottom: (left to right) Vivek: I headed for the meeting, but I got lost in the gameroom. Adam: Our adapted "Rutgers newark Staffer"

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Top: (from left to right) Cris Fatjo: investigates new ideas. Sandra Rojas: "Wait!, I've got a better caption!" Paul Fitter: "Nick, I can't hold this pose much longer."

Middle: (left to right) Nick Ladimirak: Our "Fearless Leader" Walter Domingo: Discovers that the film does more in the camera, unless it engages!

Bottom: (left to right) Mike Luddy: Doesn't "get any respect" from the campus police. Kenneth Ng: A rare moment - Ken not sorting pictures in the photo file.
FOR MEMBERS ONLY

50 copies of Bonnie
Wednesday afternoon-evening-late evening-
early morning meetings
The Great Theme Debate
101 "The Day After" photos
Flirting with Cris
Dave's stolen slide show
"Blank Roll"
Bonnie Searches for a parking spot
12-midnight deadline meetings
Nick's trips to Beim
A chart for everything and everything for a chart
"Hey Ken, can you sort these pictures?"
The traditional 1-man Nick meetings
Mike's quest - a photographer for yesterday's ceremony
Shooting the Nucleus poster in the rain
All Tabs with lemon and one water
"one pica between pictures!"
strategy sessions and parked cars
"Blank Roll"
Mike Luddy's Boarding House
"It's raining again, Bonnie!"
The lounge T.V. with one station
"Working" editors
Total of staff . . . . . . 25, 24, 23, 16, 15, 14, 9, 8, 3, 2, 1, -3
Penn State - Good-bye Dave
"Blank Roll"
Bonnie's valentine candy - "well, it’s the thought that counts!"
The staff's crush with Bonnie
The staff trip and illegal turns at Central Park
"I hear the box - it's still under us!"
 Mary Tyler Moore - alias, Bonnie Levine
Bonnie's telephone tape machine
Changing offices, changing furniture, changing phone numbers, and changing editors.
"Blank Roll"
Complaints about the '83 yearbook
Who's going to take the typewriter to maintenance?
Floods in the office
"I can’t find it! Check the garbage can, that's where all the important stuff is!"
"OoOoPps, we missed another deadline!"
Cris's car - before and after
"Blank Roll"
The Great Cover Debate
Lionel Richie
"Thank God For Lenny at the Josten's plant!"
Bonnie Levine - have captions will travel
The sleeper in the lounge - "He's still not awake yet!"
Adam - adoptive staff from Rutgers
"But I like pictures of cars!"
"Blank Roll"
Love notes between Cris and Joe
Love notes between Cris and Nick
"Blank Roll!
"Blank Roll!
"Blank Roll!
"Blank Roll"
"Signs, Signs, Everywhere are Signs
signing off.

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Top: (clockwise) Cris's car before "the-end" Ken discussing his opinion of cars. Ron color coads another chart. Nick's casual side. Cris and Mike make an executive decision.
Film Strip: (left to right) Jim shows that photographers make good photographs too. Ready or not, here we come. Bonnie looks away because Cris's feet smell. Nick doesn't mind the smell. Even yearbook editors need some help from "above".
Bottom: (clockwise) The yearbook staff spends a day in the Big Apple. Paul is ready to begin his timed type exercise. Coke may be "It" for Ken, but Bonnie prefers Tab with lemon. Arlene can't believe there's film in the camera. Dave creates his "personal" working space.

Page 247
Top: Arlene explains the art of editing.
Film Strip: (left to right) Bonnie and Cris check out the photographers as Mike and Dave check out the photographs. Life at the top is lonely. Cris awaits to be fed... again!
Bottom: Did Mary Tyler Moore start like this?
Belfast, and Other Tourist Traps

British soldier in a doorway
Shivers through the morning cold,
And waits.
Listening, wondering, when it's over
(Will it ever be over?)
Can he ever go home again?

Russian soldier, hurt and bleeding,
Knows he'll never walk again
And cries.
Listening, wondering, when it's over
(Is it already over?)
Can he ever go home again?

Cuban soldier in Angola
Tells himself he will survive,
And prays.
Listening, wondering, when it's over
(It will never be over!)
Can he ever go home again?

And the man sitting next to me wanted to know,
"What was it like in Viet Nam?"
I thought a minute, and said to him,
"It was like Northern Ireland,
    Or Afghanistan,
    Or Angola,
Or anywhere else where men of high morals
But no conscience seek to become heroes
With somebody else's blood.
Where governments seek to grow bigger and stronger
By eating their young in foreign cafes."

"I see," said he, "you're a pacifist."
"No," I replied, "I'm a human being."

Bruce A. Bennett
New Jersey Institute
of Technology
Newark, NJ 07102
Memories from a Porch Swing

My kids are playing outside.
I can see them now, with red cheeks,
frost from their breaths marking a trail,
snow down their necks,
blissfully unaware of the cold.

See? Now they're rolling in the snow.
I can hear them laughing, the harmonic
tinkling of soft bells on a quiet night.
Lights in their eyes reminding me
of their humanity, their charming life.

Ah, now they're coming in. My sons.
I can feel their warm hands, faces, underneath
the frost and snow. Feel the
exuberance of living rolling from them,
touching my paternal soul with their life.

Now, a hug from them for dad.
I can taste the kisses they have for me.
Something beyond the earthly sense,
ethereal in quality, sending messages
to my heart, creating life within me.

My kids are asleep for now.
I can catch their scent in the air, a unique
fragrance of boyish life, boyhood dreams,
something I can't forget, like my own
childhood times, a past they let me remember.

Both boys are grown now. Men.
I know their love, and somehow, regret their manhood.
They are sitting as I sat, consuming the life-aura
of their children, living with their senses,
and, nodding their heads, understanding
their father's smile.

David L. Maxwell
Senior
NJ Institute of Technology
Newark, NJ 07102
Welcome
to
The Alumni Association

We're nineteen thousand strong now and we're glad to have you join us. The doors of the Wilson Alumni Center are open at all times and the facilities and services of the Association are always available to you. Remember, the Alumni Association is your strongest link with NJIT.

We wish you the best of luck and a gratifying career in the years ahead. Let us help you keep in touch with fellow graduates and former classmates through alumni programs. We provide on and off-campus reunions, social get-togethers, self-actualization programs, group travel, and special events. Plan on attending as many as you can.

And, when you are ready to share some of your success with your alma mater, your contributions to NJIT through the Alumni Association will support:

- undergraduate scholarships and tuition loans
- graduate fellowships
- alumni-student programs including the senior Feedback Sessions and the Personal Growth Programs
- Student Achievement and Estrin Scholars awards
- grants to the Library, Theatre, and Athletic Departments
- grants to the Institute in support of capital improvements
- alumni recognition through the Achievement Honor Roll, Alumni Service Award, and Edward F. Weston Medal for Distinguished Professional Achievement by an Alumnus
- the Robert W. Van Houten Award for Teaching Excellence

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Spuds live!! Remember the archives! 
So long Section 8 and thanks to the special friends, my family, and Lorraine for helping me through it.
N.M.- You'll never know the times that were missed.
John and Bob- this will be the year- DEAF
JTL- Look out for the axe- DEAF
Hey Bouster! Love you forever, Laura- Kel
Larry and Linda, Wednesday, November 23rd, 1984
Morals tomorrow, comedy tonight!
To the cheerleaders- remember Knoxville, the World's Fair, and the pain!!
Mike and Alicia, 7-9-83
There's finally a name for you, fag- neurotic!
Ronnie- five years in the penthouse in NYC, daiquiris, and martinis
Carolyn- thanx for getting me through! Marcelo
Where's the beef? In the Graphic Labs office!
Best of luck to the Class of '84, CF
NOOOPE, nothing wrong here, right Jim?!?
Li, lots of luck in the future. Love, Chris
One down and one to go. Congrats, Alicia.
Two more years Cris. Keep up the good work.
If you are a normal person, would you support homosexuality and make it popular? Well, stop listening to and watching the so popular rock band Culture Club, with Boy George, and do what you can to boycott the group's HOMOSEXUAL MUSIC AND VIDEOS. EJR

The Booster section of the Nucleus was designed to give students the chance to express their feelings and ideas to the members of the Class of 1984 or at least to a select few who may actually understand them!

Top: Enjoying the plaza as fall sets in.
Bottom: Alpha Phi Alpha offers some "sweet treats" at a bake sale in the Center.
Each day in our lives seems to go by so quickly. Sometimes we wonder where all the time went. Maybe we come home feeling like we haven’t succeeded, and we are eager to start the next day and give it our all. Day after day we solve problems, only to be confronted by new ones. We get used to our patterns, seeing the same signs day after day. Suddenly we realize that we are nearing the end of our long drive to a new destination. We have reached our goal. We will not see the old familiar signs of going to NJIT anymore. On our last day of classes or just after our last final exam when we are ending our career at NJIT, we are forced to make decisions concerning our future. By then we may see things in a new way. We leave with a collection of memories and hopefully the skills and wisdom.
Page 258: top left: "The last sign we see...
Top right: End of another busy day and preparing for the long commute. Middle left: "Put your pencils down, the exams is over." Bottom: Another senior milestone, ordering your college ring.
Center three photos: 1. Getting psyched for the bus trip to the Garden State Art Center. 2. "The Graduation Processional" (a.k.a. the last college traffic jam). 3. "It's finally over!!"
Page 258: top: "Home James"
SPECIAL THANKS

To Bonnie Levine for her unending guidance and assistance that made this yearbook special.

To Dave Beagin for the time spent to complete numerously artistic layouts.

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To Kenneth Ng for his photography fast typing.