The Georgia Tech Orchestra is the fastest growing musical group on campus. Started in the fall of 1986 by twelve dedicated string players, the Orchestra began this year as a full symphonic ensemble. They continued the free Student Center concerts (two to three a quarter) and started to play in the Atlanta area, too. Through their performances, they increased the reputation of the Georgia Tech Music Department. The combined concert with the Georgia State Orchestra during spring quarter was especially noteworthy; an outstanding performance was given by both groups, and the event strongly encouraged interscholastic cooperation.

The Georgia Tech Orchestra hopes to continue the success it has enjoyed over the past year. Although long range goals have not yet been set, the group is committed to scholarship and music. The Orchestra hopes to represent Georgia Tech as well as the past Georgia Tech music programs have.
Golden Key National Honor Society is a national academic honors organization which recognizes and encourages scholastic achievement and excellence in all undergraduate fields of study. Members unite with collegiate faculty and administrators in developing and maintaining high standards of education, provide economic assistance to outstanding members by means of annual scholarships, and promote scholastic achievement and altruistic conduct through voluntary service. Golden Key is composed of junior and senior students who rank in the top fifteen percent of their class.

Golden Key sponsors various activities and programs throughout the year. Each quarter, members hold at least one lecture, a social and sponsor a community service project. The “Best of America Say No” campaign, sponsored annually by Golden Key, has earned the group national attention. The “Best of America Say No” program is an alcohol and drug abuse prevention effort directed at school-aged youth in the United States. The program is a joint effort between Golden Key and university athletic teams.

This past summer, the national convention was held in Atlanta at the Buckhead Ritz-Carlton. Several of our members attended and brought back many good ideas and renewed excitement for the programs and activities that Golden Key sponsors.

This year has witnessed many changes in the Georgia Tech chapter of Golden Key as it has become considerably more active in both chapter and campus activities. With strong support from national headquarters and dedicated leadership by its officers and advisors, the chapter is becoming a dynamic and exciting organization.
The Graduate Student Government leads the way to greater recognition of graduate students at Georgia Tech, and provides graduate students with a voice in campus issues. The Graduate Student Senate, which has over fifty members, is the legislative body of GSG. GSG legislation provides one-fifth of the margin to pass allocations of student activities fees totaling more than a million dollars to clubs and other organizations. The Executive Branch of GSG includes the Graduate Student Body President and Vice-President, as well as several standing committees. GSG appoints graduate student representatives to most of the faculty senate and institute committees and supports graduate students to represent Georgia Tech at professional conferences around the world.

GSG keeps graduate students informed by publishing the GSG Newsletter and by including the GSG Forum, SGA Newslink, and other advertisements and articles in the Technique. GSG also holds a Graduate Student Awareness Week which takes the theme "1/5" to recognize that graduate students make up an important segment of the student population at Georgia Tech. GSG holds an annual Graduate Student Picnic during spring quarter.

GSG distributed a survey at the annual picnic to find out what issues most concern graduate students at Georgia Tech; GSG addressed these issues during the school year. The issues included the new Student Center parking deck, recognition of the need for child care at Georgia Tech, creating tax information seminars for students, increasing funding to the library, providing information packets about Georgia Tech for incoming graduate students, and encouraging the development of more graduate student housing. GSG also supported an institute grievance policy, clarification of graduate assistants' rights and responsibilities, enhanced laboratory safety, protection of the environment, and management of human diversity at Georgia Tech.
KAPPA KAPPA PSI/TAU BETA SIGMA

Society Promotes Band Through Its Many Activities
The Korean Student Association (KSA) consists of a graduate and undergraduate division. KSA members are a diversified group that include native born Korean, Korean-American, American, Japanese, Chinese, Taiwanese, and Vietnamese students. Our objectives are to assist in the assimilation of native Koreans to life in the United States, while providing an opportunity for Korean-Americans to learn about our Korean heritage. Furthermore, KSA exists to contribute to the Georgia Tech community; we encourage students of any nationality to join our membership and experience Korean culture, including Korean food and customs.

The Korean community of Atlanta is growing steadily; as a result, the number of Korean students is also increasing. Our organization is involved-with the Korean community participating in softball and soccer tournaments, and special literary and church functions. Our annual activities include participation in the Georgia Tech International Festival and also a KSA sponsored semiformal, ski trip, picnic and basketball tournament. Additionally, we are involved in intramural soccer, softball, volleyball, and flag football.

KSA also associates and competes with other Korean students associations of Emory, Georgia State, UGA, and Mercer. These five universities sponsor an annual Olympics, several basketball and softball tournaments. Although competition is heavy between schools, we have won every basketball tournament for five consecutive years; as for the KSA Olympics, we finished first place two of the last four years, landing second place in the other two.

The Korean Student Association functions to relieve the pressures of the academic curriculum of GT. Students with a common heritage and interests are given an opportunity to share experiences and bond friendships through the college years, which is the foundation of KSA.
LAMBDA SIGMA

Honor Society Serves Campus

The Alpha Kappa Chapter of Lambda Sigma serves to foster leadership, scholarship, fellowship, and the spirit of service among college students, to promote leadership among freshmen, and to serve the interests of Georgia Tech and the surrounding community. Each year during spring quarter, fifty outstanding freshmen are inducted into Lambda Sigma; all must maintain a 2.8 grade point average and demonstrate leadership potential during their first two quarters at Tech.

Throughout the year, the group has engaged in a variety of service projects. Every afternoon, members of Lambda Sigma tutored elementary school children at the Techwood Library. This endeavor proved to be a fulfilling and beneficial experience for both children and members. In addition, Lambda Sigma members donated school supplies to the Techwood library and recreation center for the kids to use.

Twice a quarter, Lambda Sigma played bingo with the elderly residents of the Roosevelt House. The students provided prizes and refreshments; the residents provided excitement and fun times. In addition, the chapter continued to assist an elderly lady who had been adopted by Lambda Sigma in previous years; once a week, members performed basic yard work and household chores for her.

Lambda Sigma members also participated in a variety of social events. One of the more creative mixers was a graffiti party held at the beginning of the year. In addition, during the winter quarter, the chapter went ice-skating at Stone Mountain. In the spring, the group cheered on the Atlanta Braves at a baseball game. Of course, barbecues where members could “stuff their faces” and socialize were another favorite activity. The Lambda Sigma Society provided a fun-filled and rewarding year, as well as a positive outlook for the future.
LEBANON CLUB

Club Orients Members to Tech

The Lebanon Club is open to all Lebanese students attending Georgia Tech. Currently, the president, officers, and forty members work to portray and preserve the real image of Lebanon and its peace-loving people. The club participates in a variety of activities.

The official tasks of the club are to acquaint new Lebanese students with the club members; the members assist the newcomers in planning their academic curriculum and scheduling their classes. The club also encourages members to be involved in campus activities and sponsors several social events.

Winter quarter, the club traditionally hosts a dinner; students invite their professors to indulge in authentic Lebanese cuisine. The club participates in the intramural soccer and volleyball tournaments, and the club often organizes a three-day ski trip to the Carolina mountains.

Every spring, the club participates in the Georgia Tech International Festival. The club prepares two or three Lebanese dishes, erects an extensive display of Lebanese artifacts and pictures highlighting some Lebanese culture and traditions, and competes in the soccer tournament.

Summer quarter, the club enjoys rafting down the Chattahoochee River or picnicking at Lake Lanier.

Through academic and social activities, the Lebanon Club functions as a support group to help Lebanese students overcome the difficulties of life in a foreign country. Lebanon Club strengthens members abilities to interact with their community.
Recognizing the Hall Leaders

The Ramblin' Wreck chapter of the National Residence Hall Honorary had a wonderful year. NRHH membership is open to one percent of the total residence hall population. This year we initiated twenty new members bringing our total to forty-two. NRHH exists to recognize residents who have shown exemplary service and dedication towards making the residence halls THE HAPPENING PLACE TO LIVE! Our membership consists of Resident Assistants (RA’s), tireless supporters of RHA (Residence Hall Association), and several hardworking officers of individual Hall Councils.

Under the leadership of Betsy Bernstein, President; Wendy Davis, Vice-President; Chris Calvert, Secretary; and Jim Evans, Treasurer, NRHH members started the year by selecting new members. Throughout the year, NRHH members assisted with the RHA night at the Atlanta Hawks game, participated in fundraisers, and represented Georgia Tech at many conferences including SAACURH at Virginia Tech, NACURH at Southwest Missouri State, and GRASS at Georgia Southern.

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NATIONAL SOCIETY OF BLACK ENGINEERS

Outreach Month Encourages Engineering Interest

The Georgia Tech chapter of the National Society of Black Engineers was founded in January 1976 as a professionally oriented organization with the purpose of providing support for the growth of black engineers. The objectives of the organization have focused on the recruitment, academic excellence, and career paths of successful black engineers.

A few of the main activities of the chapter which have emphasized the objectives were High School Outreach Month, the Academic Excellence Program, and corporate activities. High School Outreach Month occurred in October as an annual event devoted to promoting an interest in engineering among college-bound students. Members conducted rap sessions with students at local high schools. On Ambassador's Day, students toured the campus and explored the academic life at Georgia Tech. High school essay contests have emphasized the importance of engineering fields in a changing technological world. Academic Excellence Program included the weekly BYOB (Bring Your Own Books) get togethers, the "WORD FILE," tutoring sessions for final exams, time management workshops, and the academic excellence retreat. Corporate activities have provided opportunities for plant trips, summer internships, co-op assignments, permanent employment, entrepreneurship, scholarships, and advanced degrees. The Georgia Tech Society of Black Engineers annual Career Fair presented over eighty-five companies during Corporate Month in January. Corporate workshops in resume writing and interviewing skills enhanced student-company interaction as well as the GT-SBE Resume Book.

Other activities were NSBE Night at the movies featuring "Lean on Me," New Student receptions, Salute to Graduating Students, and a "Word File" Picnic.

The Georgia Tech chapter of the National Society of Black Engineers hosted an awards banquet to recognize excellent students and award scholarships to members and college-bound students. The chapter was awarded the "Chapter Excellence Award 1988-1989" as the most outstanding chapter of 150 in the nation.
Top Students to Be Navy Nuclear Propulsion Officers

The Georgia Tech Navy Nuclear Propulsion Officer Candidates (NUPOC's) are a group of young men who will serve as Navy Nuclear Propulsion Officers upon graduation.

Prospective NUPOC's are selected from the university's top academic performers. Students must hold at least a 3.0 GPA in an engineering or technical major. Prior to their final selection, prospective NUPOC's travel to Washington, D.C., where they undergo a series of technical interviews to evaluate their technical background. Those individuals who are selected to become members of the NUPOC program and return to school to complete their degree.

After graduation, NUPOC's travel to Newport, Rhode Island for sixteen weeks of Officer Candidate School. Upon completion of OCS, NUPOC's are commissioned as officers in the United States Navy and embark on an additional 16-18 months of highly specialized training.

The first stage in the training of a nuclear-trained Navy officer takes place at the Navy's Nuclear Power School (NPS) in Orlando, Florida. Students are given a twenty-four week course of instruction designed to provide a theoretical background knowledge of nuclear power.

After graduating from NPS, students begin training at reactor prototypes at one of four Nuclear Prototype Training Unit (NPTU) locations. The first month at the NPTU is spent in the classroom studying the systems and components of the particular nuclear plant to which the officer is being assigned. The remaining five months of training time are spent in a full-scale, land-based operating replica of a shipboard nuclear propulsion plant, with all its associated systems.

At the completion of prototype training, all nuclear trained officers who volunteer for submarine duty will attend Naval Submarine School in Groton, Connecticut. Those officers who choose surface duty will attend Surface Warfare School in either Newport, Rhode Island, or Coronado, California.
NROTC
Unit Enhances Leadership Skills

The midshipmen of the Georgia Tech NROTC unit are part of an elite group of future leaders that strive for excellence in military service. These young men and women undergo a wide variety of experiences here at Tech that are designed to enhance their leadership skills as well as their interpersonal relationship skills. The midshipmen, whether 1st, 2nd, 3rd, or 4th classmen, actively participate in various activities and take advantage of the many opportunities provided by the unit for both fun and personal growth.

At the unit, the midshipmen study topics of naval science that include naval customs and history, naval engineering and navigation, and also naval leadership and management training. Other areas of study include sailing qualifications, watch standing qualifications, and also the battalion wide period of instruction at drill. The unit also offers special study skills lectures and tutoring to its members for their major courses of study.

The midshipmen battalion is run by the midshipmen staff and directed by the midshipmen officer instructor. Its setup is designed to give upper class midshipmen the opportunity to lead underclassmen in order that they may gain valuable leadership experience. Also, its command structure is representative of the true command structure existing in the Navy today.

The activities of the NROTC midshipmen include: mixers, pre-game parties, fundraisers, field trips, drill competitions, field meets, and sailing. There is also a Naval Ball during winter quarter and a picnic during spring quarter. Other activities include battalion wide service projects and battalion sponsored athletic teams. These many activities make for an enjoyable and rewarding time for all Georgia Tech midshipmen.

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Although Omega Phi Alpha National Service Sorority is relatively young on campus, it has quickly become a way of life for many Georgia Tech women. Since its April 23, 1988 charter, it has grown to almost fifty members, all dedicated to promoting the sorority’s cardinal principles of friendship, leadership, and service.

But what does that really mean? It means that Omega Phi A sisters take time out to help the campus and Atlanta community. They learn valuable leadership skills by serving as chapter officers, working on committees, giving oral presentations to the chapter, and preparing written reports for their files or for the national organization. And along the way, they form bonds of sisterhood that can last a lifetime!

The projects Omega Phi A undertake are as varied as the sisters themselves. This year alone they’ve worked on projects benefiting victims of Hurricane Hugo, burned children, and an underprivileged school district. Every quarter they host a party or picnic with a group of handicapped young adults at a nearby rehab facility, giving them a taste of the world beyond the hospital walls. Omega Phi A’s are extra hands on campus, too, when other groups need help on projects like planting 1000 saplings on campus or ushering at the Rolling Stones concert. This spring they hosted a campus-wide danceathon to benefit muscular dystrophy, and they manned the registration table at all four Georgia Tech blood drives. (Yes, even the summer one!)

But Omega Phi A is not just another service club. It’s a service sorority, with all the fun that goes with it. Omega Phi A has social mixers with fraternities, big sis/little get-togethers, and massive chapter outings to Pero’s or DramaTech. This summer, the Georgia Tech chapter will host the Omega Phi A’s national convention, a responsibility rarely entrusted to a group so young. The February formal was a huge success, and the chapter composite helps everyone remember their sisters after they graduate.

Because involvement in Omega Phi A doesn’t have to end when a sister graduates! An Omega Phi A sister is a sister for life. After graduation, sisters have an opportunity to vote on national issues, serve as a chapter advisor, join an alumnae chapter, and even serve as national officers.

Friendship, Leadership, Service...all combined in one organization. What a great deal!!
ODK

Campus Leaders

Each year Omicron Delta Kappa recognizes outstanding campus leaders who have contributed significantly in at least one of the following areas: scholarship, athletics, student government and social or religious organizations, publications, and creative and performing arts. Members must also have shown distinguished character in their activities and must have a strong academic record. New members are tapped during fall and spring quarters.

The Alpha Eta Circle at Georgia Tech seeks to unite these leaders in order to provide a forum to enhance campus leadership and to promote Institute activities. ODK also allows students to interact with faculty and administration in an attempt to foster better campus relations.

Activities this year included holding a campus-wide leadership conference and sponsoring the Statd of the Institute Address. ODK also recognizes the outstanding sophomore each year with the Joseph Pettit Memorial Award. Awards are also presented to an outstanding senior and a faculty member who has shown extreme dedication to the students.
Celebrating Twenty Years of Recreation at Tech

Students, faculty, and friends of Tech continued the twenty year tradition of outdoor leadership and recreation at Georgia Tech. ORGT welcomed their new ORC (Outdoor Recreation Coordinator), Suzi Beaumont, in April and began summer break with a big white-water trip to Colorado and Idaho. Other summer events included an all women "moose trip" of climbing and paddling to Mt. Yonah, GA and section III of the Chattooga River.

In California, backpackers hiked a section of the John Muir Trail ending at the summit of Mt. Whitney; the next day a female duo topped out after climbing the east face. Also, one Tech climber successfully ascended El Capitan in Yosemite. Cavers helped explore and map Lechuguilla Cave, New Mexico. Other ORGT members could be found from Canada to Mexico doing such activities as cycling, rockclimbing, paddling, and caving.

In the fall it was back to school, backpacking school that is, and climbing school, and vertical school for cavers, and roll school for kayakers and C-lers. These schools, run by qualified student instructors, taught beginners the skills needed for each sport along with self-confidence and patience. But the year wasn't all work and no play as ORGTiers gathered regularly to party for such occasions as the Crab Feasts and Halloween.

Rockclimbers celebrated the completion of the Climbing Court outside SAC, giving Tech one of the finest bouldering facilities in the Southeast. During Christmas break, skiers headed to Colorado for the annual downhill and cross-country ski trip, and spring break found paddlers searching for whitewater. The spring schools welcomed more beginners and in May everyone welcomed back the old guard of ORGT to join in the festivities of the 20th Anniversary Reunion.
The Presbyterian Center began the year with a paint party; The resulting wall mural is proudly shown to all who enter the Presbyterian Center.

The paint party was one of many exciting things that happened at the Presbyterian Center this year. Spirit was reflected in new programs. Share-Time, held at 7:30 on Monday nights is a time to get together and relax, sharing the struggles of student life, examining community and world issues, worshipping, and sometimes just playing. A weekly prayer breakfast was another new activity at the Presbyterian Center. Finally, regular Bible studies are now held every Sunday night.

Fall, we enjoyed a renewed relationship with North Avenue Presbyterian Church. The Presbyterian Center looks forward to future relations with them and other Atlanta churches.

Old programs that have continued include service projects at the Atlanta Food Bank, retreats, Thursday lunches, and an occasional movie night or pizza party.
RAMBLIN' RECK

Club Promotes Student Spirit and Tech Traditions

The Ramblin' Reck Club was formed by football coach William Alexander in 1930 to increase students' awareness of Tech's great traditions. Today, the organization is involved in many facets of traditions, Homecoming, and athletics. These activities make Reck Club one of the most visible and honorable organizations on the Georgia Tech campus.

This year the club started off the fall quarter with an excellent Tradition's Night presentation and continued its involvement by sponsoring several Homecoming events. Admiral Richard Truly, a Tech alumni and Director of NASA, honored the spectators by being Grand Marshal of the Ramblin' Reck Parade. In addition, another successful Mini-500 and Freshmen Cake Race took place during Homecoming week.

During football season, the club was busy preparing pre-game and post-game activities around Bobby Dodd Stadium including handouts, "Big Buzz," run-through banners, and the traditional flashcards entertainment at halftime. During basketball and baseball seasons, the Reck Club also assisted in handouts and promotions. This year the club made an exceptional effort in promoting sports such as hockey, volleyball, women's basketball, soccer, track, tennis, and lacrosse. Ramblin' Reck Club recognized the importance of spirit and tradition in all facets of Georgia Tech, and strives to achieve these goals.

Perhaps the most honorable responsibility the club has is the maintenance and driving of the traditional Ramblin' Reck, a 1930 Model A Ford. This great relic appears at the beginning of all Georgia Tech home football games.

Membership in the Ramblin' Reck Club is an honor and is limited to those students who display an enthusiastic attitude and an exceptionally high regard for Georgia Tech.
RECKETTES
Dance Team Dazzles Crowds

The Georgia Tech Reckettes have dazzled many Ramblin' Wreck fans during the half-time shows of football as well as basketball games. These dedicated young women spend countless hours perfecting their dance routines. During the past year, the Reckettes have established a reputation for which they all should be proud.

Pam Traylor, the director of the Reckette Dance Line, has worked extra hard to make sure that Georgia Tech has one of the best collegiate dance lines in the South. Ms. Traylor's leadership was complemented by the hard work of four dependable and reliable officers. Captain Andrea Price put in extra hours to ensure the enthusiasm and the talent levels were always at an all-time high on the dance line. She was assisted by Co-captains Shannon Rackley, Lassie McDowell, and Kathy Scherrer.

The Georgia Tech Reckettes should definitely be commended for their hard work and achievements.
RESIDENTS HALL ASSOCIATION

Delegates Sent to National Meetings

The Residence Hall Association represents all 4200 students who live on campus. As several other organizations did, RHA began the year by planning and participating in Homecoming Week festivities. In fact, the first event of the week was the RHA-sponsored volleyball competition. Residence halls, Greek and independent teams competed for top honors in the new sand pit next to Folk Hall.

Like years past, RHA sent delegations to the regional and national meetings of the National Association of College and University Residence Halls. Ideas, trends, and programs were exchanged at the conferences for the benefit of the home school. The commitment and leadership of our RHA to the betterment of hall residents was demonstrated by the establishment of the Georgia Residence Halls Organization. GRHO seeks to enhance the lives of residents who live in housing on campuses across the state.

Back here at school, RHA promoted several events that residents could take part in. Block seating was set up for home basketball games. In February, a busload of residents took off for the slopes of West Virginia to get away from the stresses of a technology driven educational environment. Late in the Atlanta Hawks season, a group went to the Omni at reduced prices to cheer on the city’s professional basketball team. During winter quarter, the annual semi-formal was held at the Peachtree Plaza hotel. Winter Buzz, as it is called, gave residents an opportunity to dress up and spend a night on the town.

Administrative actions included opening the Office of Fund Raising. This office started to reap economic rewards which go directly back to the residents of the halls. The discussion of new housing is an issue that gained increasing attention from RHA.

Finally, RHA week closed out the year’s activities. It became all out war as the halls battled one another to win the coveted Hall of the Year award.
RUGBY

From Starting Scrum to Final Goal, Team Active
SCUBA JACKETS

Club Promotes Safe Diving

Promoting safe scuba diving for the Tech community is the number one objective of the Scuba Jackets. Classes are held every quarter for people wishing to learn scuba, certifying them as openwater divers. The club has a large inventory of the most up-to-date equipment, available to members and to class students. Membership is open to all students, faculty, alumni, and their families.

Quarterly check-out dives provide a welcome relief from studying for students working as teaching assistants for the openwater class.

Several events highlighted the year for the Scuba Jackets, starting with "snorkeling" at Bash Riprock's during the summer. Winter quarter got kicked off with the annual island party. Spring break provided a whole week of sailing and diving at Bimini aboard a Blackbeard's cruise. The club also sponsors trips throughout the school year to the Florida Keys, Panama City, and other exciting locations.

Memorable quotes:
"Belly-flop time!", "We've got pictures!", "Lobster King!", "Nude body surf!", "That was a shark!", "Did you check the roll for a 'W' last name?", "What shower?", "Every fifty feet equals one martini!"
The objective of SAE is to advance the arts, sciences and engineering practices connected with the design, construction, and utilization of self-propelled mechanisms, prime movers, components thereof and related equipment, to preserve and improve the quality of life.

Student members at Ga. Tech participate in various activities including the design and production of the "Formula" type race car for the national student competition sponsored by SAE. Pictured is the student designed and built car that received "Best New Entry" in the 1987 competition. Currently, the group is fabricating its all new aluminum honeycomb monocoque chassis (photo not available) that will compete in Detroit this Spring. The design implements a 600 cc Honda Hurricane motorcycle engine modified with electric fuel injection and turbo-charging. Early dyno-meter testing reached power levels over 100 BHP @ 10,000 rpm.

Judging is based on design presentation, actual design, acceleration, cornering, maneuverability, fuel economy, endurance, and cost analysis. Participation is open to all majors. Fund raising is a critical issue that will innovative marketers in the near future. Fuel injection requires the use of complicated electronics and microprocessing giving rise to the need for EE's and CMPE's. ME's are involved in all aspects of design.
The Society of Hispanic Professional Engineers (SHPE) was conceived in 1974 by a group of engineers working for the City of Los Angeles in California. The goal was to create a nationwide organization of professional engineers to serve as role models for the Hispanic community. It was intended to enhance the academic and professional development of minorities and thereby increase the number of minorities in the science and engineering fields.

These goals are being met; the organization has twenty-three professional and over thirty student chapters. International contacts have been established with Central American countries, too. Numerous conferences and workshops provide students and professionals the tools needed to compete in industry. Finally, SHPE provides scholarships for students seeking to enhance their academic preparation.

The Georgia Tech student chapter of SHPE was founded in 1984 under the guidance of our first advisor and present Hispanic Affairs Coordinator, Maria Lewis.

The organization, which grew slowly at first, is now growing quite rapidly. SHPE attempts to enhance the academic and professional development of Hispanics in the community by demonstrating the rewards of determination and hard work.
SOCIETY OF PHYSICS

Group For Students Who Find Physics to Be "Niffty"

From the languid depths of disordered mediocrity has come a renewed effort of sovereign, devoted intellectual might. Like the magnificent Phoenix of ancient Greek lore, the Society of Physics Students thundered with spark and flame from the ranks of idle anarchy into a movement of enlightened despotism. And even now amidst the ashes of the old constitutional monarchy, births a grand and glorious new neo-platonic republic. Like the esprit of the Italian Renaissance, the flowering of a new age has begun... Or something like that, at any rate...

All seriousness aside, the Society of Physics Students is a non-partisan, multi-lateral, multi-lingual concordium of Georgia Tech students who truly find physics to be 'niffty' in a devoted sort of way. The group is open to all majors and any level of study, from peon to PhD. Although most of its devotees are physicist 'want-a-bees.' We as a whole have a lusty taste for physics demos, especially the ones that are loud, dramatic and dangerous. The Society enjoys a large amount of gracious support and encouragement from both the Physics Department and its faculty, in whom we are largely indebted. The SPS also sponsors individual projects for interested, curious students who "want to get their feet wet." The SPS at Georgia Tech is very diverse in the experience of its membership; and like the natural world, we have found this to be perhaps our most enjoyable strength. Of all our great distinctions and honors, perhaps our most jealously held is the consistent ability to devour four dozen doughnuts in less than a minute and a half... This stands as the Society's working definition of intensity.

... Is it time to bake tha' doughnuts Dave?
... Does anyone have 15 cents?
... Tech is hell, can't you see the smoke on the streets in the evening?
... 'B.F.D.'
... Gravitational waves, sure I can verify that before lab [2123]
Quotable Faculty Quotes:
... If it looks like a piece of %&*#, it probably is...
... OOOoh! [pause] don't worry, it's probably not enough to make you sterile...
... Any early primate could do this...
... Tis' trivial...
... The tests will be the usual pressure cooker system.
The Society of Women Engineers, a national organization which promotes involvement of women in engineering, has almost two hundred members at Tech. Members, both male and female, inform students about engineering opportunities and provide them with a network of other students with similar technical backgrounds.

SWE was active in several projects this year. The first event involved co-hosting the annual Career Fair in October. SWE doubled the number of companies attending by moving the Career Fair to the Tennis Center. In November, SWE hosted the regional convention; several schools from the Southeast came to Atlanta to hear guest speakers and attend workshops.

High School Outreach was held at the beginning of spring quarter. SWE and Alpha Chi Sigma, a chemistry fraternity, joined efforts to bring local high school students to campus, where they learned about "college life" and engineering.

Regular meetings included speakers who addressed topics such as: career opportunities, crime prevention, etiquette in the workplace, how to dress in a professional environment, interviewing techniques, and resume writing.

The Annual Awards Banquet was held in spring. Industry leaders presented outstanding engineering students with corporate-sponsored cash awards. The evening honored all who have helped to encourage women to become engineers: students, faculty, parents, and industries.

Other projects included compiling a scrap book, sending quarterly newsletters, keeping active with the Atlanta professional chapter, and hosting various social events including pizza parties, picnics, dinners, and ice cream socials.

SWE plans to end a productive year by attending the National Student Convention held in June in New York City.

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STUDENT ALUMNI ASSOCIATION
Working Closely With Alumni

The Student Alumni Association, known on campus as SAA, had a dynamic first year. SAA was introduced to encourage strong building relationships between students and alumni by making students aware of the Alumni Association programs and its resources. The students also offered their resources and input to the Alumni Association, faculty, and friends.

SAA has grown tremendously. Starting with a group of twenty eager students SAA grew to about 250 members in only a year's time. SAA had several people working hard to get the program going strong. These students were voted SAA's Executive Board: Vicki Adams (President), Caroline Lewis (Secretary), Emily Ewing (Ambassadors), Stacy Marino (Events), Nancy O'Hare (Career Services), Stacy Mason (Government Affairs), Dara Tilzey (Student Services), Dena Durham (Publicity). These students worked with each other as a close knit organization. The strongest threads in the pattern were the SAA advisors, Gail White and Beth Bates. These advisors were ready to help at all times acting not only as advisors but friends and ongoing cheerleaders.

The Student Alumni Association had many events during the year. Some activities included SAA National Convention, Legacy Reception, Ambassador Kick-Off, Social and Business meetings each quarter, SAA/SF Halloween Party, 1st Anniversary Party, attending alumni club meetings, Mentor Program Reception, SAA Retreat at SciTrek, and the President's Dinner.

The Alumni Association is the parent organization of the Student Alumni Association and therefore the organizations worked hand in hand over the year. The Georgia Tech Alumni Association was voted the #1 Alumni Association in the Nation by CASE (Continuing Advancement of Secondary Education).
The Student Center Governing Board is the advisory board to the Director of the Student Center and Auxiliary Services. Its main concern is dealing with issues related to the physical facilities of the Student Union. The board is composed of the Student Center Director, the director's administrative secretary, the three Student Center officers, two faculty representatives, one alumni representative, two undergraduate student government representatives, and one representative from the Graduate Student Senate.

With all of the construction that took place this year around the Student Center the Governing Board stayed quite busy. The board helped devise the system used to renumber the new student post office boxes ending the need for shared boxes. The Governing Board began working with an interior designer on remodeling plan for a major portion of the Student Center.

The biggest project of the past year for the Governing Board was beginning to set policies and procedures for the new Student Galleria that had its groundbreaking in fall quarter. The Galleria was not scheduled for completion until fall 1991; preparation for its opening and operation became a major function of the Governing Board. The 1,200 seat theater housed by the Galleria will potentially bring exciting new programs to the Georgia Tech community.
From The Past,” spanning the decades of the 20’s, 50’s, and the 80’s. Some of the events this year included the Sock Hop, The Malt Shop Relay, and the 1920’s Let It Roar Look-A-Like Contest. Everyone had a real blast!

The Programs Area also continued to sponsor its traditional programs that Tech students expect. The Brown Bag Series continued each quarter with many entertainers being featured on Tuesdays. The Options Committee maintained its quarterly course offerings to help the student body develop outside interests and hobbies that are not covered by the curriculum. The Student-Faculty Relations Committee hosted several successful programs, such as Take-A-Prof to Lunch and the Memorial Racquetball Tournament. The Student-Center continued to aid in the quarterly Blood Drives, and Techwood Tutor increased its already large number of tutors that give their time to help the children of the Tech Community that are in need.

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S.C. PROGRAMS BOARD

Indoor Recreation Committee is Added to Board

As every new Student Center Programs Board does, this group of campus leaders began their term in the spring quarter of 1989 with a leadership retreat packed with exciting and enlightening programs. The officers, chairpersons, advisors, and the Student Center staff, attended weekend workshops on stress management, communications, and leadership.

The programming year got underway with its usual flash of excitement. The Board itself sponsored several events, like the K-9 Catch-N-Fetch and a concert with free ice cream. They also strived to continue successful thematic programming, such as “The Dog Days of Summer” and “The Heart of Winter,” whose programs were tied in to the theme.

The eleven committees, including the new Indoor Recreation Committee, were also very active. The Lecture Committee got things going with a lecture featuring Michael Lomax. The Movie Committee sponsored several blockbuster hits, like The Naked Gun and Bull Durham, while TTN continued its success with such movies as Crocodile Dundee and Ferris Bueller’s Day Off. The Arts, Special Events, and Concert Committees joined together to bring the world-renowned African-American Dance Ensemble to Georgia Tech for a three day residency that consisted of several brilliant performances.

Homecoming, as always, was a huge success! The theme in 1989 was “Blast From The Past,” spanning the decades of the 20’s, 50’s, and the 80’s. Some of the events this year included the Sock Hop, The Malt Shop Relay, and the 1920’s Let It Roar Look-A-Like Contest. Everyone had a real blast!

The Programs Area also continued to sponsor its traditional programs that Tech students expect. The Brown Bag Series continued each quarter with many entertainers being featured on Tuesdays. The Options Committee maintained its quarterly course offerings to help the student body develop outside interests and hobbies that are not covered by the curriculum. The Student-Faculty Relations Committee hosted several successful programs, such as Take-A-Prof to Lunch and the Memorial Racquetball Tournament. The Student-Center continued to aid in the quarterly Blood Drives, and Techwood Tutor increased its already large number of tutors that give their time to help the children of the Tech Community that are in need.

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The Student Construction Association is open to students of any major who are interested in construction or construction management. SCA is affiliated with three professional organizations, the Associated General Contractors, and the AIC. SCA serves to support Building Construction students and promote the growing construction industry within the Atlanta area.

The Student Construction Association meets bi-weekly and provides contact with industry professionals at several of the meetings each quarter. SCA worked on several projects this year. These included a Building Construction Career Fair, a resume book, redesign of the Building Construction brochure, community service activities, and various socail events. The career fair is held each winter quarter and targets contractors, developers, builders, and bankers. A related project was the compilation of a resume book for distribution to possible employers within the construction industry.

One area that SCA has become more involved with is community service. A new committee was formed to work with Habitat for Humanity and various other community service projects. Finally, SCA also sponsors social events such as the spring picnic normally held at the Water Works and an alumni picnic which encourages continued interaction with the construction industry.
The Georgia Tech Student Foundation is a student-operated organization oriented to benefit the entire student body by financially supporting events, projects, and activities. GTSF is composed of students who are concerned with the value of a Georgia Tech education both in and out of the classroom. The GTSF is the only collegiate organization in which the students are responsible for the solicitation, investment, and allocation of funds. This means that Georgia Tech is the only campus in the country where one can find funding “for and by” the students.

The GTSF encourages students to submit proposals during the first five weeks of each quarter. The proposals are evaluated by the Board of Trustees on the conditions of enhancing the educational experience in the Institute’s classrooms and laboratories as well as through ongoing extracurricular activities. Favored proposals are those which will serve to develop greater understanding among people, a sense of social and professional responsibility, and qualities of leadership. The GTSF allocates funds to the accepted proposals during the eighth week of the quarter.

The GTSF accepts donations from students and campus organizations during the annual Spring Campaign. These funds are pooled into an endowment fund, which is invested to generate income that is used to fund student projects. Only the income from the endowment is allocated. The principle remains intact to provide a reliable source of funding for future projects.

Outside of raising funds during the annual spring campaign and investing these funds, the GTSF creates other opportunities for students. In the Fall of 1989, GTSF gave away a free quarter of in-state tuition. In winter of 1989, the GTSF sponsored ‘Trading Places,’ in which the President of Tech became a student for one day and a student became President.

The Student Foundation is patterned after its parent organization, the Georgia Tech Foundation. The GTSF is composed of committee members, volunteers for the spring campaign, and a student board of twenty-three trustees.
SPORT PARACHUTE

Club Parachutes Onto Grant Field

The Georgia Tech Sport Parachute Club enjoyed an active and very successful year in 1989-90. In the fall, Club members parachuted into the first home football game to support the Georgia Tech Olympic Coalition. Fall was also a busy time for the over 40 Georgia Tech students who made their first skydive. These students, the largest group that the club has ever trained, will ensure that the club continues to grow in the coming years.

Over the Christmas break, 7 club members competed in the National Collegiate Skydiving Championships held in Clewiston, Florida. The team returned as National Champions in two events, 4-Way Relative Work and 4-Way Canopy Relative work. Once again, Georgia Tech has proved itself to be one of the top skydiving teams in the nation.
TECHNIQUE
Not Just For Fishrap Anymore

Analog . . . I.E. . . . Anal retentive . . . Crispy . . . We don't have any more To Hell With Georgia issues . . . DBS . . . Monday night . . . USC, SGA, GSG, USGCA? . . . allocate a life . . . feature . . . ATO publicity chairman . . . Yak like Zack . . . Troxell Talk . . . what's a sub-editor? . . . shelves . . . cork boards . . . we don't work for the Blueprint . . . 20 stupid questions . . . Um, Urh, I don't understand . . . Amenda . . . Shireen don't forget the C&S tower rotation . . . We don't know anything about the Stones concert . . . Playboy . . . Do you want to feel the inside of my sweatpants? . . . black boxes . . . subsections . . . the super Thursday morning team? . . . Photo by some dweeb photog . . . continued on page *** . . . 56 pages . . . F-U-N-E-X?
Committee Efforts Address Student Issue

All branches of the Undergraduate Student Government (USG) had a full calendar of activities for the '89-'90 year. After taking office in spring quarter, the representatives of the Student Council and the chairpeople of the various committees embarked on a course which led to many successes in the arena of student affairs.

Led by President Jenny Gautier and Vice-President Cliff Norris, the USG addressed many issues. For example, a new company was contracted to operate the Stinger Bus System on a new system of scheduled routes. The new Student Legislative Committee formed and lobbied the state government for funding for a new dormitory project and for help paying for the new campus parking projects.

The Academic Affairs Committee worked to form an Undergraduate Advisement Council utilizing students to aid in the advisement process. The Campus Safety Committee worked throughout the year to remedy safety problems and suggest ways to improve students' personal safety. Keeping the pressure on campus service organizations such as ARA kept the Campus Services Committee busy throughout the year. The Finance Committee allocated more than $1.3 million in budgets to student organizations this year. The Governmental Affairs Committee held a voter registration drive and a Gubernatorial Elections Fair to keep students aware of the candidates for the fall 1990 elections.

The USG also was responsible for allocating block seating for the Rolling Stones Concert on November 21. USG used this opportunity to hold a campus-wide food drive, the most successful in the USG's history. In addition, the USG sponsored free legal services to all students and sold Course Critiques during registration.

In summation, the success of the USG's programs throughout the year can be attributed to two elements: first, the dedicated and concerned students who make up the USG, and second, the supportive student population which the USG serves.
SGA Committees Provide Service

The Undergraduate Student Council has thirteen committees active in all facets of campus life. These committees address issues ranging from campus safety to athletic seating and from ARA to the environment.

In 1989-90, the committees had a record 800 students and faculty involved. They used this extra people power to interact inside and outside the Tech community to bring student concerns and issues to the forefront. The following is an encapsulated listing of committee activities in 1989-90.

Academic Priorities, chaired by Cathy Nichols, addressed student interests in academic concerns, such as the feasibility of reviving an Honor Code at Georgia Tech. They also worked on forming an Upperclass Advisement Council, a volunteer organization to be made up of outstanding upperclassmen in each major. This group of volunteer students will serve as a liaison between students and their faculty advisors, as

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well as aid all students, but especially freshmen, in areas of academic welfare.

Athletic Services, chaired by Brett Costley, worked to improve student athletic seating, by keeping the price of the guest pass for football from being raised from $15 to $30, compromising on an increase to $21. The committee also directed block seating for football and talked to the Athletic Association about the basketball ticket situation. The AA is going to work with SGA on a new distribution system for next year.

The Campus Organizations committee, chaired by Ramon Boulineau, successfully completed the chartering process for the Geophysical Sciences Club, Cycling Club, Association of Chemical Engineering Graduate Students, Water Polo Club, College Republicans, Pakistani Students Association, Yellow Jacket Fencers' Society, Hapkido Club, and Mariners. They also changed the SGA bylaws to give the GSS a vote in the chartering process proportional to the percentage of graduate student membership verification letters received.

Campus Planning and Safety, chaired by David C. Nelson, detailed student concerns over safety issues to appropriate administrators and technicans and continued to improve student/administration relations through personal visits, student representation on faculty committees, and a student/administration liaison program.

They also helped to improve the service and safety of campus services through comments and suggestions and provided student input into future planning and current construction projects.

Campus Services, chaired by Stacia Smith, provided student input to Auxiliary Services and the Infirmary. They worked with Roger Wehrle, director of Auxiliary Services, to formulate a Student Center smoking policy, and volunteered input to the Student Advisory Board for Financial Aid.

In addition, they met twice with the Executive Vice President of Old Fashion Foods to discuss prices and selection, and successfully bargained for greater variety and a reduced inflation cost increase.

The committee met with the Executive Director of ARA and discussed current plans for an evaluation of Tech's food service, and lobbied for increased student input into ARA's food selection, facilities, and service.

They also served as the student liaison to the Post Office during the renovation, and were instrumental in obtaining a contract for new coin laundry machines and dryers on campus — a contract that required a Georgia Tech Site Supervisor and change machines in laundry areas.

They are developing an on-line Student Government Menu that will include a Campus Complaint Network, an on-line Course Critique, Special Campus Event Lotteries, SGA Committee Reports, and news from all student organizations.

In addition, they evaluated the services offered at the Bookstore Mall, renewed the Georgia Tech video game contract, and worked closely with Carlton Morgan, transportation supervisor, to resolve student complaints and suggestions concerning both Stinger and Stingerette.

Community Services, chaired by Gina Elrod, sponsored a food collection for the Rolling Stones concert, organized Volunteer Tech, worked with campus services for Wellness Week in April and the Health Fair.

The Georgia Tech Federal Credit Union, chaired by Tracy Kilgro, opened for business this year. They laid the groundwork for a major Tech credit card in conjunction with the Alumni Association, and on share-secured loans to save members' lost interest as well as to establish credit.

They attended the National Credit Union Conference, performed self-evaluations and supervisory audits on internal controls to better protect student customers, expanded hours and services, began offering low-cost traveler's checks, and provided student volunteers with valuable experience in marketing, loans, personnel, and operations in the financial industry.

Elections Committee, chaired by Alan Priest, conducted successful elections for council members, athletes, co-ops, and officers, and placed voting for all SGA elections on the Student Access System.

The Joint Finance Committee, chaired by Garrett Devries, allocated 1.3 million dollars in Student Activity Fees in the fiscal year 1990-1 budget, allocated money from prior year and capital outlay accounts for events and equipment benefiting the student body.

Government Affairs, chaired by Stacy Marino, help two voter registration drives and encouraged active participation in the Student Advisory Council, led by Patrick O'Leary, Academic Affairs Committee chairman.
Campus Planning and Safety Committee — Front row left to right: Robert Silverio, Joseph Schimmel, Chris Durden; Back row left to right: Todd Zurinskas, David C. Nelson (Chair), Scott Alpert; Not pictured: Robert Doepke, Rob Morneweck, Mark Floer, B.O.B.

Academics Priorities Committee — Front row left to right: Raymond Ho, Cathy Nichols (Chair), Betsy Reedy, Neil Barnett, Melody Miller; Back row left to right: Jen Taylor, Danny Czaja, Rob Thornburgh, Sean Kelley, Bill Elliot, Ashutosh Razdan
Georgia Tech's Undergraduate Judiciary Cabinet is the supreme judiciary body of the Undergraduate Student Government. It is composed of a Chairman, ten justices, and alternates who may review non-academic violations of the Student Conduct Code as well as the actions of the USG.

The Cabinet provides accused students with an alternative to the disciplinary decisions of the Vice-President of Student Affairs, Dean Dull. If a student feels that a peer group might better understand his/her case, he may choose to go before the cabinet.

When needed, the Judiciary Cabinet is available to review actions of the USG Procedures. Policy changes affecting events such as USG elections can also be referred back to the cabinet.
VOLLEYBALL CLUB

Club Attends Nationals in Nashville

The Georgia Tech Volleyball Club is in its third year as a club. There are over thirty members in the club, including the ten members of the men's collegiate team. In its first year, the team went 10-3 and placed third in the ACC tournament last spring. This year the collegiate team will be facing the instate rivals UGA, Georgia Southern, Emory, Georgia State, as well as Florida, Tennessee, Auburn, Rice, Oklahoma and others.

The purpose of the club is to promote interest in volleyball as a sport through men's collegiate competition, as well as to increase support for the women's team. Also, the club teaches the techniques and strategies of the game and holds a tournament for Tech students once a quarter. The collegiate team held six tournaments on campus this year including competition with over twenty different schools. These tournaments have initiated play for many Southern teams making Tech the founder of men's Volleyball competition in the South. With this leadership, the Georgia Tech team received an invitation to and played in the Club Nationals, which were held in Nashville this year.

The officers of the Volleyball Club for the year 1989-90 are: Jason Ikeda, president; Clint Tokash, Vice-President; James Brannon, Treasurer; Cindy Wilhoit, Secretary. The coach of the men's collegiate team is Jason Ikeda.
WREK
Campus Radio Station Finally Reaches Legal Age

This year WREK turned "21" and came of age with a birthday celebration at the now defunct "White Dot." The fact that WREK has been operating for twenty-one years was a reminder that running a college radio station is so much more than playing cool-hip-serene-thrashin'-jammin'-harmonic-stirring music.

WREK has a noncommercial educational FM broadcast license granted by the Federal Communications Commission in 1968. This license mandates that WREK's function is to provide an educational experience for the station operators and the listeners. In addition, WREK can only accomplish what Georgia Tech students want to do and have time to accomplish. The glass is half full, the glass is half empty.

Involvement in the full range of broadcast operations is potentially available to all Georgia Tech students — potentially available to all Georgia Tech classes are available for every student to take. Typically, a student must undergo training to become a station operator before being given any responsibilities at the station. In the parlance of the station, a disc jockey is referred to as a station operator or simply as an 'op.' Training consists of instruction in radio policy, on-air production, and the legal requirements of station operations. Typically, a prospective operator takes an approximately two to three hour introductory course. The trainee then operates in tandem with an experienced op for a few weeks until an operations check list is completed. At this point, the trainee takes a test to receive a Restricted Radiotelephone Operator Permit from the FCC. Thereafter, an op can choose to specialize in the areas of news, sports, public information, engineering, and/or music. As the quarters pass and ops learn more about what running a radio station entails, they can choose to seek responsibilities in business and management.

In the summer of 1987, WREK developed a weekday block format in answer to the dissatisfaction of the student body. Until that time, WREK relied on an automated music playback system to implement most of the daily programming. Automation came to be relied on because in previous years not enough ops were interested in going on the air. Since 1987, live disc jockeys can be heard sixteen hours per day. A new weekday block format was selected to highlight several general types of music: classical, ambient, jazz, pop, and 'progressive.' In addition to daily formats, WREK produces nineteen distinct music shows: The Classics, Sunday Special, Personality Crisis, Ragamuffin Rock, Continental Drift, Dead on the Heavy Funk, Earwhacks, Fake I.D., Live at WREK, Notes from Underground, Destroy all Music, Greek Like Me, Coup de Grace, The Beat Box, WREKage, Classic Rock Album, Stonehenge, The Comedy Show, and the DeSoto Hour. The music for each sample is selected as examples of aural material having cultural and social significance as well as aesthetic value — it catches your attention and makes you think. And some of it is selected because it's just fun to hear. Programs such as Star Date, Forum, and Science Journal continue to offer current information and views to the community. WREK also maintains its exclusive play-by-play coverage of Lady Jackets Basketball. And let us not forget, WREK is the OFFICIAL Georgia Tech Weather Information Station that lets students, staff, and faculty know when that killer snowflake strikes Atlanta.

All of that is the foundation of the WREK sound. Airing Top 40 or "make-a-buck" music is stringently avoided because pop music of many flavors is available all over the FM dial. WREK lives up to the de facto Georgia Tech motto "We don't fit the mold, we make it." Because of the outlook, WREK has received favorable mentions in "College Broadcasting" and "College Media Journal." This year, the local alternative weekly "Creative Loafing" judged three of WREK's music shows to be among the best nine in the Atlanta radio market. Hopefully, WREK will maintain its local and national prominence in the coming years.

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