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Over the past several years there has been a noticeable change in the outlook of students in the Engineering Faculty. Difficult economic times have hardened us to the possibility, almost certainty, that there are no jobs waiting for us at the end of four long and difficult years at the country's top engineering school. As a result, competition between students for top marks, seen as the only assurance of a job, has become extremely fierce and students have become reluctant to participate in anything that could possibly take time away from studying.

Both the Engineering Faculty as a whole and individual students are suffering from the present-day attitude. Out of the 2700 students enrolled in this Faculty, at best 150 are actively involved in the Engineering Society. Nothing is more frustrating for those people who work to organize our social events and athletic program and put together our publications than to see a poor turnout at a pub (how many of you really study all Friday night?), a team default because of players that don't show up, or a three-member yearbook staff.

It appears that the majority of Engineering students cannot see the value of balancing studies with extra-curricular activities which necessitate accepting responsibility and learning to work with others. These abilities are vital to the development of a truly professional engineer, and students lacking in these abilities will experience difficulty in finding and keeping a job, despite their honours standing.

Engineers were once the most active and spirited group on campus; this yearbook is dedicated to the students who still try to maintain this tradition. You may notice some faces appearing repeatedly. Perhaps next year they may be replaced by many new and different ones.

Mary Svazic
Editor
Book of Skule 8T4
EVENTS
Orientation has always been a time of great fun for both Frosh and the upper class, and this year was no exception. After being subjected to introductory speeches in Con Hall, the noise of the Bnad and the roar of the Mighty Skule Cannon, the new Skulers assembled on Front Campus for their first lesson in metric spelling as they formed the letters of SKULE. This was followed by a traffic-snaring march down University Ave. terminating in the pond at City Hall where Frosh and upperclassmen alike cooled off before meeting mayor Paul Godfrey.

Later in the week, Frosh played the key role in the carefully planned and brilliantly executed Nursing Caper which continued some nights later in the showers at Devonshire House. This year’s Scavenger Hunt was also a great success with top prize going to the team that carried in the SAC president.
SKULE SHINES!

Another year, another Shinerama...
Shinerama is the annual fund-raising event for Cystic Fibrosis. Here in Engineering, we've been involved for over 15 years. And this year was no exception.

Our kick-off took the form of a rally at City Hall, on Orientation Day, where Paul Godfrey proclaimed Shinerama Week in Metro Toronto. Events continued with the Shinerama Tea on Thursday, the nth Annual Bed Race on Friday, and the big day - Shinerama Day on Saturday. This year also witnessed the introduction of C.F. "bubbles" at various locations across Metro to collect donations, several car washes on Shinerama Day, and a press conference, in addition to the traditional "shoe shining."

Unfortunately, Shinerama Day itself still seemed to be lacking one essential component - you! Every person can make some
small contribution, so watch for us again next year and join the engineers who make Shinerama work.

Congratulations on a job well done to all the hard-working members of the Shinerama Committee and the assorted hangers-on who provided many innovative ideas this year and organized the U of T campaign in conjunction with the Toronto Cystic Fibrosis chapter.
SKULE AT
HART HOUSE FARM

Orientation '83 wound up in the traditional manner at Hart House Farm with Frosh finally given the opportunity to rebel against the Orientation Committee and carry them off, in manners traditional or otherwise, for a dunking in the pond. The newly built dock eliminated the usual danger of landing on a rock ledge, but made upperclassmen no less reluctant to go for a swim; this year witnessed several lively skirmishes between the dunkers and the dunkee, with the V.P. Activities, in particular, proving most uncooperative. Nevertheless, spirits were high, particularly after the cutting of a certain spiked watermelon known as "Yum", as the initiation of the class of 8T7 came to an end.
HOMECOMING

Homecoming Weekend '83 proved to be a huge success as well as a lot of fun. Following a week of furious construction by a handful of enthusiastic insomniacs, the Engineering float was completed a full three hours before it joined in the Homecoming Parade. Needless to say, the effort paid off, as the Engineers won the U of T Homecoming Float Contest for the second year in a row. Congratulations are extended to Bill, Bruce, Joe, Derek, Paul and the rest, with special thanks to Rob for sacrificing himself in a daring, but doomed, effort to finish off those ten free cases of beer.

Following the Blues romp over Waterloo, Homecoming festivities continued late into the night with the Engineering Society-sponsored concert at the Concert Hall. This event, featuring the Spoons and the CFNY Video Road Show, was the first of its kind for the U of T campus.
George Cash and the Oktoberfest Express were the main attraction at this year’s Oktoberfest and for a good reason: the entertaining music, lively songs and comical antics of George and his band kept the sell-out crowd dancing, singing, laughing and, of course, drinking all night. Only one engineer was able to down a beer more quickly than George, despite the fact that the bandleader undertook every challenge while standing on his head! Eins, zwei, ... g’suffa!
GODIVA WEEK

Even as everyone was still gearing up for yet another long term of school work, Godiva Week 84 had begun.

With Monday came the resurrection of our lovely Godiva; she bounced back to life as healthy as ever, although slightly deflated due to the cold. Later in the day, the Snow Bridge Building contest was won by its only contestant, a Mech Eng Frosh.

Tuesday was host to the Nth Annual Chariot Race, which actually ground to a standstill halfway around the course due to the large number of participants. The Mechanical Chariot, nevertheless, managed to break away from the rest of the pack to cross the finish line first. They were awarded with the Jerry P. Potts Trophy, rescued only 18 hours earlier from a certain group of trophy-nappers by our daring young men in their non-existant blue hard hats. In the evening, the \((N-1)\)th Annual Boat Races were won again by the Awesome team. Thank goodness those guys are graduating this year!

Several new events were successfully introduced this year. After three days of playing baseball in the snow, the second year Industrial team emerged victorious in the first ever Godiva Week Baseball Tournament and another multi-day event, the week long treasure hunt, Godiva's Quest, was won by Frosh C, who, we are told, used cunning, logic and a lot of washroom visits to uncover the correct answer.

As always, Godiva was laid to rest at noon on Friday. Not for long, however, as Friday evening was witness to Godiva's Wake, featuring a remarkably well-rehearsed and quite outstanding performance by the LGMB. Thanks and appreciation are extended to the LGMB who played at several events in addition to the Wake, and special thanks go to the following people: Kim, Kevin, Margaret, Steve A., Tony K., Greg and da Chief. Take pride in yourselves; nothing would have happened without you!
CANNONBALL
SKULE
NITE
8T4
MONT STE. ANNE SKI TRIP
The Men’s Engineering Football Team enjoyed a much improved season this year, finishing with a 2-3 record. In the league semi-finals, the defending champions St. Mikes were surprised by a very close game; unfortunately we came out on the losing end. Next year appears even more promising, as most team members will be returning. A big thanks to all of the players who put in so much time this year, and we’ll see you next year!

Todd Allanor  Joe McKeon
Rene Allen     Jack Nirenberg
Pete Barlz     Adam O’Boyle
Rob Browne     Mark Pachura
Gary Cameron   Tony Ponzo
Jim Cleary     Mark Ragotte
Rob Deom       Chris Rick
John Durno     Hardy Siegmund
Eugen Duvalko  Tom Steinke
Dan Gerbec     John Spratley
Tim Jones       Robb Tripp
C. Karayannoupolos  Dave Tymkow
Cyril Kendall  Andrew Usshor
Wayne Lowe     Paul Vaarsi
Rob MacGillivray  Kevin Weppler
Ron Maruya     Dave Wilson
WOMEN'S TOUCH FOOTBALL

Skule spirit was no more evident this year than in the women's football team. Early morning practices and games did not stop the 25 members from turning out. Despite all of the enthusiasm, we just missed the playoffs, our record being 2-3-1. Much thanks goes to our coaches Rob McGillivray and Jim Meni.

WOMEN'S TEAM: Pat Bertozzi, Suzanne Crocker, Linda Dean, Betty Dolinar, Ellen Dunlop, Laura Easterbrook, Carolyn Fraser, Kim Harkness, Yvonne Kim, Anna Leung, Carol Low, Shaunagh McPharland, Laura Money, Teri Morrison, Janice Munro, Jane Paulen, Janet Porter, Margaret Seidel, Jeanette Southwood, Kirsten Sultan, Colette Taylor, Stella Triglav, Judith Vosko, Joyce van de Vegte, Susie Wong.
SOCCER

Both the Junior and the Senior soccer teams played well, albeit with different results. Senior Engineering defeated first-place Erindale in semi-final action only to falter in the Division I final. The Junior team finished out of the playoffs - victims of an over-populated Division III. The best part of the season was the team play and spirit evident towards the end of the schedule, especially on the Senior team. As both teams consisted primarily of new players this year, next season promises to be even better.

Junior Men's Soccer:

Guntis Arajis  Doug LeClaire
Ricky Arend   Charlie Martezas
Benjamin Chan Lachlan McDonald
Andy Gepp     Brian Murray
John Green    Tom Noble
Chris Harvey  Jim Prendergast
Peter Heal    Joe Streef
Jonathan How
Senior Men's Soccer:

Gino Bellisario
Danny Castillo
Greg Evans
Kasra Khorasami
Leo Kok
Steve Lynes
Steve Manz
Glenn Pringle
Chris Purdy
Martin Taylor
Mike Wald
Zainool Waxali
John Westland
Rod Williams
Steve Wright
Steve Yap

WOMEN’S TEAM

Skule witnessed yet another successful year of Women’s soccer. The engineering team, which played in division 1, finished the season 5th place out of 8 teams with a record of 1 win, 4 ties, and 1 default due to torrential rain at 7:30 a.m. Skule played Pharmacy in the quarter finals. Despite a valiant attempt to hold off 11 Pharmacy players (plus 4 substitutes) with 8 engineers, Skule was defeated (0-2).

Ellen Dunlop
Kathy Durst
Carolyn Fraser
Helen Nelson
Dale Kerr
Laurie Mitchell
Helen Paras
Barbara Smith
Jeanette Southwood
Colette Taylor
Andrea Timar
Hilary Watson
Susie Wong
LACROSSE

This year the Engineering lacrosse team enjoyed a good season. The team fought their way to the semi-finals where they were defeated by Erindale College in a very close game.
Continued support from the team's veterans and the addition of many new members made for an excellent season.

MEN'S TEAM: Bob Armstrong, Paul Blom, Brett Calder, Bart Gogarty, Paul Hammel, Glen Keenan, Ed Konyen, Dave Paradi, Joe Paradi, Tim Pratt.
RUGBY

The year started off well for the rugby team. Once again the team packed into Rob Kolanko’s van and road-tripped to Kingston for the Queen’s Inter-University Engineering Rugby Tournament. There, the team displayed tremendous courage and stamina by refusing beer until all matches were played. It paid off as we became undefeated champions for the second year in a row with a cumulative score of 74-3!

Back at home we finished the season tied for first after defeating the much publicized Vic team. Unfortunately the club met defeat in the semi-final Mud Bowl against the Meds team.

TEAM MEMBERS: Rob Abernathy, Mike Allen, Bob Boothby, Brendon Burns, Joe Chiang, Bruce Dow, Greg Dow, Paul Hamel, Glyn Jones, Alan Kasperski, Joe Laface, Jerome Madden, Duane Moore, Tom Noble, John Phypher, Fred Pulver, Mark Thompson, Peter Watler, Rod Williams, Henry Wong.
MEN'S AQUATICS

Splish, splash, I was taking a bath...Singin' in the rain...What do these great songs bring to mind? The day you mowed down the fire hydrant with your dad's new car and discovered that your plastic Mother Mary floated? No! Let's not get ridiculous here. These songs should bring to mind those unsung heroes of the pool, the men's Engineering waterpolo and swim team. These hardy lads retained last year's interfaculty swim team championship, defeating their closest opponents by almost a 2 to 1 margin. Not only do these knights of the water have speed, but they also have grace as demonstrated in interfaculty waterpolo play. Our young and mostly inexperienced team was able to keep pace with the more experienced teams in our division. Special thanks go to Rick Potvin and Colin Doyle, our waterpolo coaches, who taught us the skills necessary to compete.

Men's Swim Team: Rene Allen, John Downing, Blair Gibbs, Dave Haliburton, Chris Harris, Richard Lawrence, Peter Pieper, Peter Miller, Greg Philips, Rick Potvin, Fred Steiner, Dean Townsend.
Men's Waterpolo Team:
John Downing, Ian Flint, Fred Gandolfi, Chris Harris, Glyn Jones, Bill McCloy, Peter Miller, Geoff Mitchell, Peter Pieper, Rick Potvin, Ian Rowlands, Carl Schuellnus, Fred Steiner, Dean Townsend, Tao Wang, Peter Watler.
WOMEN'S AQUATICS
WATERPOLO

The women's innertube waterpolo team had an excellent season, winning all but two of their games; however they lost in the quarter finals. There were several new players who made excellent contributions to the team, and who will continue to play next year when about half the team has graduated.

TEAM MEMBERS:
Michelle Bolhuis
Linda Dean
Maria Drangova
Carolyn Fraser
Jane Paulen
Margaret Seidel
Barbara Smith
Judith Vosko
Judy Wilson
The women's swim team enjoyed themselves at the swim meet, and although they did not win first place overall, they still took several events. Angela Facey, who won first prize for both the 25 yard butterfly and the 25 yard freestyle, also won the Isabel Robertson Trophy for the best individual performance. Congratulations, Angela, and to the rest of the team on their good performance.

SWIM TEAM MEMBERS:
Angela Facey
Teri Morrison
Judith Vosko
Carolyn Fraser
Maria Drangova
Ann Leu
Michelle Bolhuis
Linda Dean
SQUASH

MEN’S TEAM

The departure of many experienced players made 1984 a year of rebuilding for Engineering squash teams. The initial shortage of players, however, was met with enthusiastic response from so many people that team size had to be limited and unfortunately, many people did not get to play.

The men’s Engineering A team did extremely well in the very tough Division I and the B and C teams also played well, despite the large number of new players. With the enthusiasm and co-operation displayed this season, the men’s team will be awesome next year. Look out Law and Meds!

ENG. A (Div I): Ray Cheng, Gerry Gabon, Danny Loh, Ten Moryto, John Parker.

ENG. B (Div IIA): Joe Ciang, George Cholakis, Mark Franklin, John Gavotalo, Sean Haberer, Paul Hamel, Dario Miret, Derrick Spaeakman, Dean Woods.


WOMEN’S TEAM

This year two women’s teams were entered in the squash league, the Eng. Skule Spirits in Div II and the Eng. Squashineers in Div. III. The 11 players remained enthusiastic and extremely co-operative throughout the season despite the early mornings and the late nights required.

DIV. II: Angela Facey, Helen Helson, Sue Leuthesuse, Elanor McAteer, Lisa Pugh, Stella Triglav.

DIV. III: Jeanette Chau, Pam McCombe, Margaret Seidel, Barb Smith, Judy Vosko.
As usual, the men's basketball teams made a strong showing in all divisions, with all teams advancing to the playoffs. The Engineering B team had an especially good season with a record of 10 wins against 4 losses. The A team participated in the 4th Annual Engineering Basketball Tournament at the University of Ottawa in January, defeating Engineering teams from other universities to win the tournament.

A TEAM: Ralph Corrente, Pete Grant, Constantine Karayannopoulos, Brian Lemay, Bert Leng, Wayne Rantala, Mario Smoles, Paul Van Loren, Oscar Welsher, Dave Zingg.

B TEAM: Joe Carusone, John Ceko, Bernie De Sousa, Martin Gagne, Dan Jerome, Doug Kissik, Brian MacLeod, Matt Mattich, Roy Mauti, Dave Marriot, Bert Melatti, Gary Morris, Dave Murray, Rob Pozzabon, Jose Rodriguez, Bill Shapiro, Joe Turcotte.

Volleyball

Women’s Team

This year Skule was represented by both a Division II and Division III women’s volleyball teams. Both teams had a great start, easily crushing their opponents to win their pre-season games. The division II team is, to date, undefeated in league play. With the help of enthusiastic coach Ron McKenzie, this should be a winning year. Special thanks to the cheerleaders (that includes you Bill), and congratulations to players in both divisions.

Team Members:

DIV II
Helen Chrissanthakopoulos
Betty Dolinar
Kim Harkness
Gabrielle Kauffman
Shaunaugh McParland
Michele Reid
Colette Taylor
Joyce Van de Vegte
Judith Vosko
Heather Young

DIV III
Pauline Ayyoub
Pat Bertozzi
Sophie Boutsikos
Jeannette Chau
Sue Leutheusser
Teri Morrison
Lisa Pugh
Kirsten Sultan
MEN'S TEAM

This year's men's volleyball team is enjoying great success. With a record of 5 wins and 3 losses at mid-season, we have an excellent chance of winning the championship. Thanks are extended to team members for their enthusiasm and effort.

TEAM MEMBERS:
K.C. Chang
Roland Ezers
Tony Hong
Tom Kwan
Valdis Martinsons
Arther Wadzinski
Mun Yim
SKIING

This year the interfaculty ski meet was held at Medonte Mountain in February. The Engineers stormed the slopes with the men’s Expert I and Novice I teams winning the team competition. On an individual basis, Tom Steinke came first in the Novice group and Leslie Scott outclassed them all in the Women’s Expert group. After the race, the Engineers congregated in the bar where they were voted Molson’s Team of the Week.

EXPERT I:
Murray Fors
Jacques Francoeur
Jan Kozel
Mike Leitch
Gunars Robeznier
Eugene Trusler

EXPERT II:
Brian Blaszynski
Ian Flemming
Steve Fors
Kareem Ghattaras
Ed Konyan
Fred Pulver

NOVICE I:
Stewart Garden
Craig Gay
Chris Hyde
Derrick Speakman
Tom Steinke
Mark Sungaila

NOVICE II:
John Garofalo
Paul Grant
Dave Hed
Glenn Keenan
Dan McKinnon

WOMEN’S EXPERT: Leslie Scott
HOCKEY

WOMEN'S TEAM

The women's ice hockey team got off to an amazing start this year, winning their first three games.

The team would like to thank their coach Paul Shindman, and the three cheerleaders Paul, Mike and Sam for their support. You guys were great, but how about getting skimpier suits and pompoms for next year?

Julia Biedermann
Dawn Demetrick
Kathy Durst
Trish Fleming
Deborah Fletcher
Carolyn Fraser
Claudia Kauffman
Gabe Kauffman
Dale Kerr
Shanaugh McParland
Janet Porter
Barb Smith
Judith Vosko

MEN'S TEAM

On the ice or in the pub, the Senior Engineering Hockey Team has shown this season that it can score with the best of them.

On defense, Ian McDougall, Mike 'OD' O'Dwyer, Freddie Pulver and Scary Larry Novachis combined to give goaltender Jim Lycett fits between the cages. At forward, Frosh Tom Chesser was shown the ropes by upperclassmen Kevin Towers, Chris Francis and Puppy Paul Hamel, and the crafty veterans Dave Ross, Kerry Hook, Chris Perry and Dave Tymkov. Leading the team was Ian 'another double Tequila' Towers.

As well as competing in the interfaculty league, the seniors placed second in the Annual Guelph Tourney, and will be wreaking havoc on McMaster and Queen's before the season is out.
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The Engineering Society has been around for a long time. How long? Well, the Eng. Soc., as it is affectionately known, will be celebrating its centennial in 1985. Although some aspects of the Society have changed since its birth in 1885, one thing remains the same: the Engineering Society is people.

Each and every fun event brought to you by the Engineering Society, be it Orientation, the Cannonball, a Suds pub, the Chariot Race, or something altogether different, is the work of many people. Over a dozen committees operate under the Engineering Society. Each has a chairman and committee members who work hard at whatever it is that they happen to be organizing, but of course, they never refuse extra help (yes, even an ordinary Engineer can belong to these committees).

In addition to the social events there are other services which the Engineering Society offers. Everybody knows of the 5¢ photocopier in the Eng. Soc. offices, and of the Engineering Stores, where school supplies are sold dirt cheap by smiling faces (Hi Juney!). Publications such as The Cannon, the Toike Oike, and the Book of Skule are brought to you by the Engineering Society, as are Professional Development guest speakers and the infamous Lady Godiva Memorial Band. The list goes on.... In short, the Engineering Society has a lot to offer.

You may wonder how such a large and varied organization remains so orderly and successful. The secret is our secretary, Ella. She is a remarkable and somewhat astounding young lady, capable of answering a telephone while selling pub tickets, typing a memo, and directing a lost frosh all at once.

People make the Engineering Society all that it is, and many more people benefit from its endeavours. Never pass up the opportunity to get involved in an Eng. Soc. event. The experience will more than likely be a fun one that you will not easily forget.
LADY GODIVA MEMORIAL BAND

This year the band has been greater than ever, hitting lows before now thought impossible to reach. In the words of some L.G.M.B. types: "What (hiccup) time is the (burp) pub tonight...does the band drink and get in free?...MORE WATER-MELON...you're not getting older, you're getting dumber...dr-r-r-rooooom...eesch! And once again the L.G.M.B. has been responsible for missed lunches, skipped classes, broken arms, failing grades and great tymes.

The Band has received increased coverage by the media, performing (crashing) twice on the air on Q107, and appearing on the first and second pages of the Sun. We are eagerly awaiting our appearance on the third page.... Congratulations to all L.G.M.B.'ers who kept up the tradition of being kicked out of the Eaton Centre alive. In a newer tradition, a much improved (Hi Steev!) Band played at Godiva's Wake.

This year has produced a platoon of undependable, non-musical, non-rhythmical FiRoSh who will undoubtedly show up again next year to pester Band leaders. On a final note, will somebody give Franco some drumming lessons?

Dan MacKinnon (Bambi)
Dave Booz
Band Leaders
Of course everyone knows the Brute Force Committee does not exist, never has existed and never will exist.

BUT HOW CAN CERTAIN EVENTS BE EXPLAINED?

How is it possible that the office of the retiring President Ham was decorated in early Canadian toiletry? Who could have hung a 16 foot football high above the ice in front of City Hall? Who else could have been responsible for the repeated redecoration of the SAC dome? Was it humanly possible to redesign Varsity Stadium to voice U of T's opinion of York U? Obviously the forces involved are greater than those known to our galaxy. And who were the men
that recovered the stolen Pott's Trophy before a ransom could be paid?

BUT IS THIS THE BFC?

It is impossible to track down the origin of these forces. These events are never seen in the working, but the end result is also evident. Numerous low-lifes have tried to infiltrate and locate the source. Most have not been heard from since and are believed to be trapped for eternity in the caverns underlying this university. The luckier ones are now residing in a rubber room at 1001 Queen St. West, babbling incoherently about an awesome power that is above all others.

Since there is a distinct lack of evidence, one must conclude that the BFC does not exist, never has existed and never will exist.
TOIKE OIKE

For as far back as our memories of Skule reach, the Toike has existed for the prime purpose of providing comic relief in our tension-filled lives. That it has sought to cure insanity with still greater insanity is a good indication of the never-say-die mentality exhibited by Skule-men in all of their endeavours. That it has done so, this year, with a minimum of offensiveness, is a tribute to the painful flexing of the rusty joints of our social responsibility.

The Toike has, over the past four years, been criticized, exterminated, reborn, further criticized and, most sadly of all, left to wallow in apathetic mediocrity. This year, however, a dramatic change has occurred: in each issue the list of contributors has grown and individuals have actually approached the editor with praise for the quality of humour.

I'm proud of what has been done with the Toike this year. It is no coincidence that it ranks among the best university publications in the country. One would expect no less from skulemen and skulewomen. In particular, a number of people have contributed extraordinary amounts of time and effort in all phases of production. "Hardhats off" to Barry Levine, Bob Seeman, Jean Wu, Igor, Joe Chiang, Alton Ing and Howard Pasternack.

Doug Michaelides
—Toike Editor 8T4
As expected, the 1983-84 school year has been a busy one for the Cannon. From an extra-large September issue (just when the staff was least experienced) to begging for and inventing articles (filler?) near exams, there was never a lack of excitement.

We continued the very successful magazine format that was initiated last year. Sometimes the interests of readers and their opinions are hard to gauge but someone must be paying attention because mistakes are never missed. (Yes, Steev and Mike and ..., I know Blues Football games are not held in Varsity Arena.) The major difficulty, as always, has been attracting technical articles, but the coverage of student events has improved and the Bunny of Skule has yet to desert us.

Sincere thanks are extended to all those who contributed articles, letters and ideas. Also, to those who put up with me during behind-the-scenes photography, layout and darkroom work, especially Greg, Jeanette, Don, Barry, Joe, Kirsten, Nick, Chris and two very special page numbering specialists.

If you bothered to read this, you have time to help make future Cannons even better. What can you lose but your sanity?

Judith Vosko
Cannon Editor
This year was a momentous one for the Book of Skule as an Editor was found before Christmas and the staff numbered above three! Many new and different faces appeared to aid in the continuous process of putting together a class publication and their contributions were much appreciated. Nevertheless, more people, experienced or not, will be needed next year to put together a special yearbook to commemorate the Eng Soc Centennial.

Special thanks are extended to Carol, Julie and Lena for the long hours spent on layout and to our photographers without whom this book would be just so many blank pages.

Thanks are also extended to the following contributors: Kareem Ghattas, Bill Hollings, Doug Michaelides, Peter Miller, Rob Piane, Margaret Seidel, Randy Sinukoff, Judith Vosko, Heather Young and all club chairmen and sports commissioners.

STAFF MEMBERS: Priya Kesavan, Lena Kim, Julie Kong, Barry Levine, Carol Low, Ella Lund-Thomsen, Peter Reilly, Mary Svazic, Cecile Terhune, Kathy Tung.

PHOTOGRAPHERS: Joe Chiang, Ian Flint, Nick lozzo, Rob Kee, Barry Levine, Mark Mozel, Chuck Rothman, Kirsten Sultan.
SKULE STAGE BAND

1983-84 saw the establishment of a new dimension in Skule life: the "Skule Stage Band". This group was created for engineers by engineers to introduce the big band sound to our faculty. With the assistance of Dean Wright, the Alumni and especially Malcolm McGrath, three members of the class of 8T5 - Cliff Alexander, Danny Gargaro and Kent Fletcher - founded the band.

To date, the band has performed in several successful concerts, including a Christmas concert in Convocation Hall, and all members are looking forward to a promising future.

Cliff Alexander
Randy Clarke
Kent Fletcher
Danny Gargaro
Jay Godse
Pable Iglesias
John Kitamura
Mike Leitch
Roman Kitwinchuk
Victor Liu
Alec MacIntosh
John Penner
John Petrou
Bill Piggott
Dave Reid
Mike Richards
John Slawer
Glen Swistara
On behalf of the Engineering Alumni Association, I would like to offer our heartiest congratulations on your graduation.

While these are indeed difficult times for new graduates, the future remains bright. Canada is a land of opportunity and it is perhaps through adversity that a quality education, such as you have received at the University of Toronto, is most evident.

We wish you the best of luck in your new careers and sincerely hope that this period of economic hardship will soon be but a memory.

We in the Association will certainly maintain contact with you. While you are leaving the University of Toronto and the Faculty, you are members of this Association for life! We hope that you will be active participants.

James T. Horn
President
Engineering Alumni Association
The Engineering Alumni Association provided the 8T7 Frosh with their "Alumni of the Future" T-shirts for Orientation Day.

Nearly 100 fourth-year students volunteered to help out in the Alumni Phone-a-thon campaign, to raise money for the Varsity Fund. In 1983, Engineering Alumni donated $232,000 in aid of the Faculty, up 16% from 1982.

The Association encourages participation in Skule athletics through the Engineering Alumni Athlete award. Malcolm McGrath, 8T4 Civil, Assistant to the Dean for Alumni Liaison, presents an award to Carolyn Fraser, 8T4 Mechanical, in recognition of her involvement in Skule soccer, football, hockey and waterpolo.

Alumni donations support many Skule activities. This year, your Alumni financially assisted Grad Ball, the OEDC competitors, and aided the Placement Centre in improving its services for engineers. The Skule Stage Band, formed under the guidance of Malcolm McGrath, provided a creative outlet for many of the talented students of Skule.
Vince Volpe
1960-1983
With us forever.

Vince you kept your head when all about you
were losing their's and blaming it on you,
You trusted yourself when all men doubted you,
But you made allowance for their doubting too;
You waited and did not tire of waiting,
Or being lied about, you didn't deal in lies,
Or being hated, you didn't give way to hating,
And yet you didn't look too good, nor talk too wise:

You dreamed - but did not make dreams your master;
You thought - but did not make thoughts your aim:
You met with Triumph and Disaster
And treated those two imposters just the same;
You could bear to hear the truth you had spoken
Twisted by knaves to make a trap for fools,
Or watched the things you gave your life to, broken,
And stooped and built them up with worn-out tools:

You made one heap of all your winnings
And risked it on one turn of pitch-and-toss,
And lost, and started again at your beginnings
And never spoke a word about your loss;
You forced your heart and nerve and sinew
To serve your turn long after they were gone,
You held on when there was nothing in you
Except the Will which said to them: 'Hold on!'

You could talk with crowds and keep your virtue,
Or walk with Kings - and not lose your common touch,
Neither foes nor loving friends could hurt you,
All men counted with you, but none too much;
You could fill the unforgiving minute
With sixty seconds' worth of distance run,
Yours was the Earth and all that was in it,
And - most of all - you were a Man, my friend!

Adapted from Rudyard Kipling's 'If'
CHEMICAL CLUB

1984 marked the 75th anniversary of the Chemical Engineering Club which was formally known as the Industrial Chemical Engineering Club. To celebrate this auspicious occasion, the Chem Club had the privileged honour of having University Professor Emeritus W.H. Rapson as our guest speaker at the annual dinner at the Sheraton Centre. Professor Rapson, who was a member of the Chemical Engineering Class of 3T4 has spent the last fifty-four years as an active member of the Chemical Engineering Department. It was our pleasure to have him and many alumni as our guests at this event.

As well, 1984 was the year that the Chem Club finally had the slot machine removed from the common room. Peer group pressure and dwindling resources forced us to take up the "Pepsi Challenge".

In October 1983, the Canadian Society of Chemical Engineers held the 33rd Canadian Chemical Engineering Conference in Toronto. Clara DeAmicis and Bradley Donaldson, fourth year students in the Department, organized and chaired the special student sessions, as well as catalyzed one of the best student turnouts in recent memory.

I would like to thank all the members of the Chem Club Executive for their help and participation over the course of the year, and all the Chemical undergraduates who were actively involved in Club-sponsored activities.

Michael O'Dwyer
Chem Club Chairman
This past year has been a very special year for the Civil Club. For the first time the Civils won the annual bed race for Cystic Fibrosis. We also retained our reputation as the fastest beer drinkers in Engineering by placing 1st and 2nd in the boat races.

This year's executive has worked very hard to leave a lasting impression on future executives by painting the Civil Club logo on one of the walls in the Common Room. The Common Room has been given an official name "The Vince Volpe Memorial Common Room", appropriately named after the Civil 8T3 who was instrumental in acquiring the common room a year ago.

Being Chairman for the past year has been a great experience, and I advise all undergraduates to get involved and have a good time. Best of luck to future executives.

Steven Presacco
Civil Club Chairman
ELECTRICAL CLUB

Changes take time to occur and it is evident that changes are happening as far as Electricals are concerned.

Electricals, notorious for being apathetic, uncaring and uninvolved, have made an effort to change their image in the last year. Look at Eng Soc — two heavyweights (sorry Ron, Andrew) controlled an important student body. Our Toike editor, Doug, broke tradition by not going on the extended year program. And who could forget the incredible Roaches, entrants in many events. (It wasn't the winning that counted, it was the fun and the beer.)

Yes, this year we became a more spirited division. Our smokers were huge successes. New traditions were established, the Distinguished Service Award (a.k.a. J.F. Bronskill Award), the Choker Smoker, and the EMF interior decorating service were just a few of this year's accomplishments.

Unfortunately, the heart and soul of the club tends to be the upper years. It would be nice to see frosh and second year people out at more club functions. I also encourage the lower years to maintain the spirit of the Roaches by participating in tournaments, etc. The club takes pride in sponsoring such teams; so, in the years to come, get out, get involved and enjoy yourself. Skule is not just problem sets and labs, although sometimes that seems hard to believe.

May good luck befall all those who are graduating in 8T4 and may school be more enjoyable for those who are not.

Joe Streel
Elec Club Chairman
ENGGINEERING
SCIENCE CLUB

SMILE!!! If you're an Eng Sci this page is supposed to make you remember the good times you had during the 1983-1984 Skule year; i.e. Orientation, the bed race, smokers, the dinner and dance, the Eng Sci hockey tournament (8T4 won again!), card games, design projects, computer assignments, group help sessions (!!!) etc., etc......

Best wishes for success and happiness to all the members of the class of 8T4. I hope you will always keep a small place in your hearts for the "spirit" of the Engineering Science Class of 8T4.

Thanks to all the class reps - Kathy, James, Don, Ping, Janet, Gary, Ken, Shannon, Ken, Rod, Joe, Warren, Jackson, Paul, Stub, Steve and Rick—for all your hard work during the year. Best of Luck!

Johanne Picard
Eng Sci Club Chairman
'83-'84 has been another good year for the Industrial Club. After an absence of a couple of years, the Industrials finally had a legitimate and totally legal chariot. Designed and driven by Dave "The Right Stuff" Ross, it was far superior to any other chariot. Only a blitzkreig attack by a horde of frantic pygmies and other maniacs kept us from fulfilling our hopes (dreams?) of victory after pulling far ahead of the rest of the field. The annual Industrial dinner, at Second City, was also a great time for those who attended. Other events such as smokers ran smoothly and were unusually well-attended even though some of them had a truly strange aspect to them.

Congratulations to the Industrial Class of 8T4. The four (or, in some cases, more) years we've spent together slaving over assignments with a frosty ale have been great (even though some of you slaved without the ale). Hopefully all this hard work will pay off in jobs... unless Rob takes them all. Best of luck to all in the future.

George Rowan
Industrial Club Chairman

P.S. I still don't know what an Industrial Engineer is.
CLUB MECH

In the beginning there was Orientation. In the middle there was Montreal. In the end there was the Prof Roast. In between each of these we were exposed to fatigue, failure, fluster, fretting, fun and success. For the Mech Club, fun was the object, success the satisfying result. This was a year in which participation from all years was very much a factor in the club's activities. Thanks should go to all those persons who participated.

Good luck in the future,

A. Piers Strike
Club Mech. Chairman
METALLURGY AND MATERIALS SCIENCE CLUB

It looks like this was the year that the MMS Club finally managed to make an impact on the rest of Eng Soc, and it was about time! While our department is by far the smallest in Engineering, that does not mean that we were inactive. Quite the contrary!

The Club has always prided itself on the fact that we have a great commonroom (WB 143) in which to hold our famous smokers where all the profs and students get together and study fluid dynamics with cheap beer and mass transport phenomena with free pizza. Furthermore, annual field trips ("Booze Cruise") and a grand Club Dinner (this year at the Delta Chelsea Inn) contribute greatly to student interaction with the profs. We're also active in the field of sports, with a currently unbeaten hockey team headed for the playoffs, as well as a soccer team (Wallberg United) which went undefeated in the regular season. Believe it or not, we even won the annual alumni telethon competition, with help from the Geo's, raising more than $2,000 in two and a half hours!

I'd like to wish my fellow '84 graduates the best of luck wherever they may wind up, and I hope for another successful year for the next MMS Club Executive.

Johannes (Hans) Schade
MMS Club Chairman
The Association of Professional Engineers of the Province of Ontario

The regulating body for the engineering profession in Ontario

Providing leadership for more than 50,000 professional engineers in the province.

Only members are entitled to use the designation 'Professional Engineer' or its contraction 'P.Eng.'

Best Wishes From Labatt's

Across Canada Beer At Its Best

call for 'Labatt's Blue'
CIVIL ENGINEERING 8T5

CIVIL ENGINEERING 8T6
ELECTRICAL ENGINEERING 8T5

ELECTRICAL ENGINEERING 8T6
ENGINEERING SCIENCE 8T5

ENGINEERING SCIENCE 8T6
INDUSTRIAL ENGINEERING 8T5

INDUSTRIAL ENGINEERING 8T6
METALLURGY & MATERIALS SCIENCE 8T6

MOST YEARBOOK SALES IN A SECOND YEAR CLASS.
MEET THE
GEO 8T5 FORMATIONS
EVERYONE IN THIS CLASS BOUGHT A YEARBOOK!
ELEC IV
MOST YEARBOOK SALES
—AND MOST SPIRIT—
IN A FOURTH YEAR CLASS
CIVIL

F. Amin
J.M. Atherley
E.A. Bakuniec
I.K. Ballantyne
P.R.M. Belanger

D.A. Blain
E.A. Brencis
G.M. Brown
D. Carassoulis
K. Chan
W.-L. J. Chan

J.S. Ciampini
G. Condarcuri
W.R. Cybin
F. Dekko
D.P. Di Serio

C.G. Dunbar
R. Fabbro
G.M. Feniak
D. Fuda

F. Garcia
J. Gaspar
I.I. Gelfand
M.M. Giuliano

S.A. Gramm
D.H. Grandy
B.S. Guila
F. Gulia
S.E. Gwartz
Civil continues...
ELECTRICAL ENGINEERING

A.P. Alberti
F. Amin
A. Battagin
E.R. Bender

M.P. Benrubbi
A.J. Bialczyk
T. Biasutti
C.J. Bouris
F.J. Braches

J.F. Bronskill
A.P. Canham
I.R. Caven
S.M.A. Chan
W. Chan
W.H. Chan

W. Chau
C.H. Cheng
P. Chiamvimonvat
J.C.S. Chiang
J.T. Chow
S. Choy

F. Colantoni
M.J. Cregan
A.A. DiPlacido
M. Digiacommo
G.A. Finnighan

J.B. French
J.E. Gebert
G.C. Gibson
V. Gladiilen
F.Y. Göhh
Electrical continues...
P. Cameron
H.C.H. Chan
H.Y. Chan
K.Y. Chang
L.T. Cheung
H-Y. Chuang

J.C-C. Huang
P.F.J. Chui
W.K. Chung
J.J. Culbert
B.A. Dean

P.R.W. Dietz
M. Drangova
S.A. Dunajski
G.V. Eaton

P.H. Elder
D. Fong
J. Francoeur
K-S.L. Fung
M.A. Gattrell

D. George
S.R. Germann
P. Gomes
S.I. Green
J.L. Hall
S.F. Ham

E.T. Hsing
C.Y. Hui
F. Ing
Y. Jew
A.K. Jones
A.J. Kelly
Engineering Science continues...

G. Piccione  
R.P. Ross  
S. Roussakis  
D.C. Salmon

J.A. Samochin  
H.M. Sandler  
C.F. Schwellnus  
S.B. Simmons  
D.P. Sims

A.C. Steckley  
H.J. Tait  
E.S.K. Tam  
W.J. Thompson  
T. Trikas

P.Y.C. Tsang  
R.J. Van Kooten  
J.D. Vosko  
J.K. Wang

Also Graduating
A. Asard  
G.A. Barnett Jr.  
F.C.S. Fung  
C.A. Hayball  
C.H. Hung  
I.W.S. Mackay  
J.C. Mewett  
J. Morelli  
G.R. Northcote  
M. Papini

A. Ray  
B. Robertson  
A.L. Rubbo  
S. Stefanidis  
D.R. Uffen  
R.A. Ugge  
R.D. Wietfeldt  
R. Wilson  
S.C.I. Wong

Also

R.G. Wilcox  
R.G. Williams

H. Wu  
R.S. Zachariassen  
S. Zan
INDUSTRIAL

M. Bell
A. Borissova
N.H.J. Brown
R. Browne

Y.Y.T. Chau
R.L. Cheng
J.S. Chiaramonte
W.E. Chin Chuck
J.C. Cundari

E.F. Dunlop
M.P. Feher
B.H. Friend
G.K. Fuller
P.W Gimon
F. Greco

G.J. Grieco
Y.M. Hoh
I.L. James
M. Jong
F.Y.S. Kao

T.D. Keighley
C.P. Kourtis
J.B. Lawley
C.K.Y. Lee
S.M. Lee

B.G. Levine
W. Loui
C. Masciarelli
J.H. Meadowcroft
ENGINEERING

J.A. Mignardi
D.A. Mitchell
S. Montakhab
K.R. Moratz
J.J. Mossman

K.K.F. Ng
C.Y. Nishimura
M.M. Ong
E.P. Pahapill
G.F. Peri
T. Quan

S. Rosen
D.N. Ross
G.S. Rowan
M.C. Saikali
M. Seeman

J.R.M. Sirianni
V.W. Sitsch
A.V. Smid
M.L. Song

M. Stellato
D.G. Szechy
A.M. Tertipis
A.H. Troster

Also Graduating
M.G. Catz
P.N. Clark
J.K. Cripps
J.J. Kunkel
W. Ngo
P.A. Schnurr
H. A. Watson

J. Vandersluis
K.R. Walling
L.L. Zaia
E.R. Schneider
D.J. Scott
A.J. Shchuka
J.P. Shindman
L.A. Shoji

D.I. Smith
M. Smith
M.A. Smolej
A. Sood
M.R. Stech
G.A. Stephanian

M.G. Stewart
A.P. Strike
H.R.O. Sturm
J. Taillon
J.D. Tattle
R.L. Ten Grotenhuis

B.D. Thompson
R.C. Tripp
G.T. Trombino
C.M. Turylo
D.C. Valliere

Also Graduating
G. Andrews  D.M. Leclair
W.J. Catibog  A. Nacevski
L.K. Farquharson  S. Park
D.J. Georgas  C.E.L. Pettit
A.E. Gepp  R.J.D. Reeves
F. Gosnell  B.M. Sharp
K.M. Ho  J. Wilson
L.J. Kaiserseder  J.A. Wilson
K-S. Lam  M.M. Zver

M.P. Van Der Veen
J.P. Van Nostrand
R.W. Van Veghel

P. Wunder
J.S-H. Yeung
Y.W. Yu
Chemical continues...

D. A. Payne
J. P. Pereira
J. D. Picka
B. R. Price

A. G. Quick
D. J. Sanderson
N. Sathi
S. Schindler
J. A. Shimizu

J. Smiciklas
A. M. Smith
K. Soodhoo
M. E. Sugamori
A. J. Thurlow

R. P. Tonon
G. Toth
S. T. Tsuyuki
D. S. Tymkow

K. E. Vasey
P. K. Watler
D. K. Wong
E. Wong

Also Graduating
M. A. C. Bobra
J. Chong
K. Chong
C. Cinina
M. A. Greenwood
D. Gupta
G. Longert
C. W. L. Oh
E. S. Ong
M. W. Panowyk
C. G. J. Parry
P. Pastuszok
S. N. Pirani
N. Ranieri
M. A. Ridge
J. Santos
S. Tilizian
P. D. Turgeon
R. J. Watson
L. Zinko

H. T. Wong
S. Wong