

# university of toronto skulebook

Walk onto the steps  
of spirit and journey of Lady Godiva  
for a courageous horse ride.  
of righteousness  
and selfless, humble and brave.

ney, her motives, and her legend.

than the best memory",

take you back in time  
lary journey...  
in the year 2004-2005.



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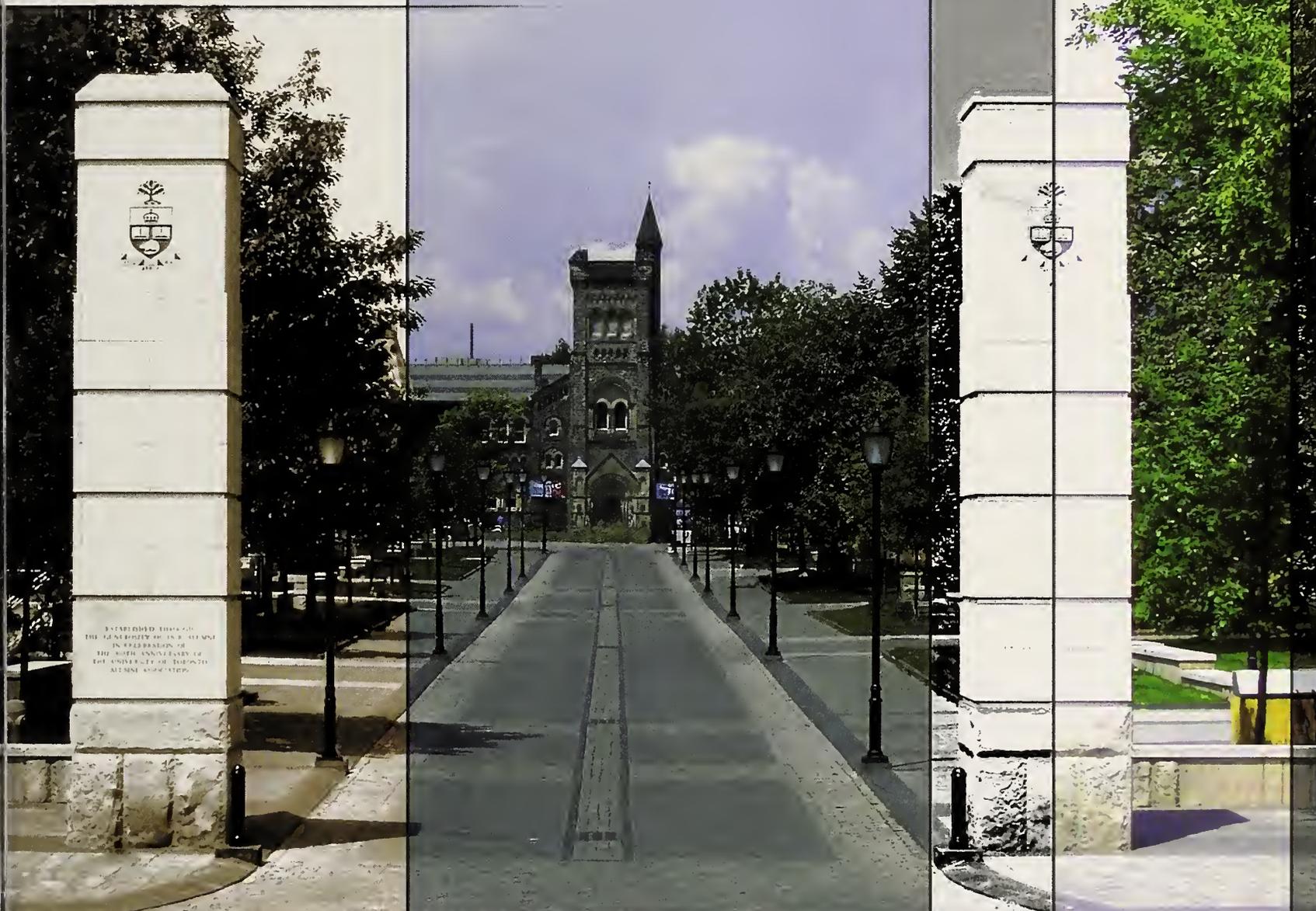
*your classrooms*

*your experiences*

*your friendships*

*your struggles & achievements*

*your history*



*your memories*

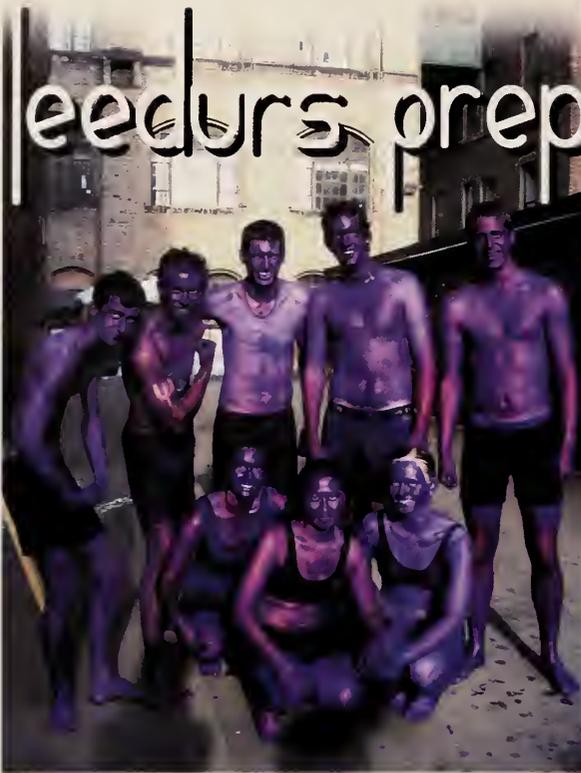
*your laughter & tears*

*your iron ring*

*your knowledge*

*your journey*

# leaders preparation



# fresh OT8 arrival

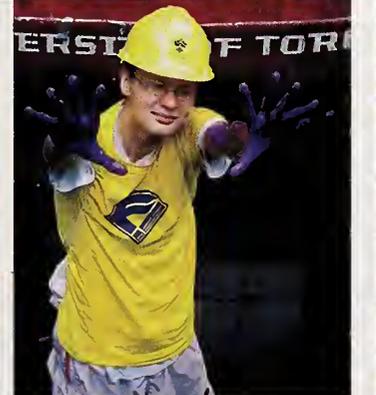
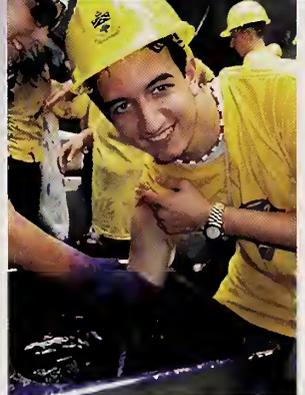
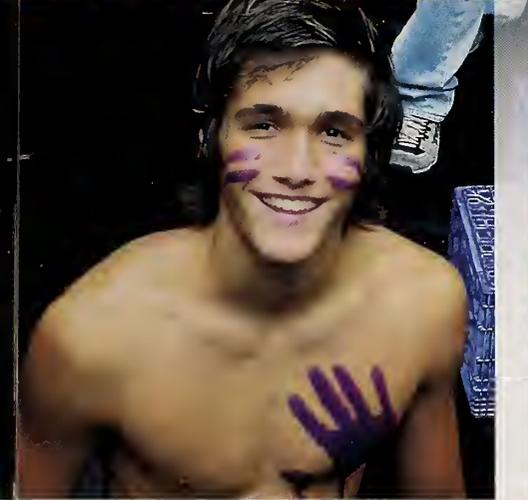


There are many versions of the legend of Lady Godiva, the woman that unites the spirit of engineers across the world.





# fresh body dyeing



She has been an important figure in Western society's development of art and culture ...

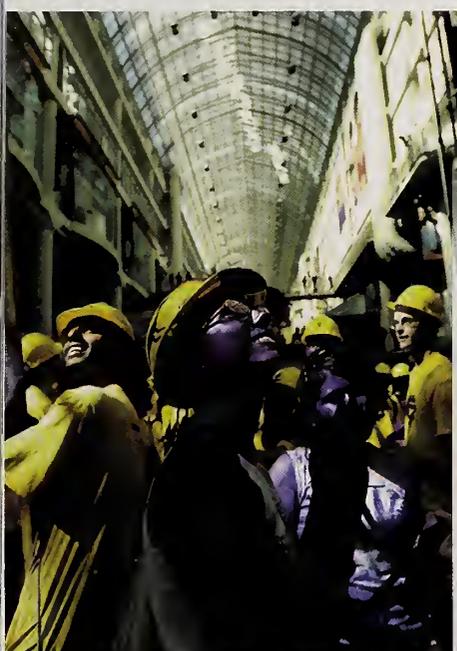
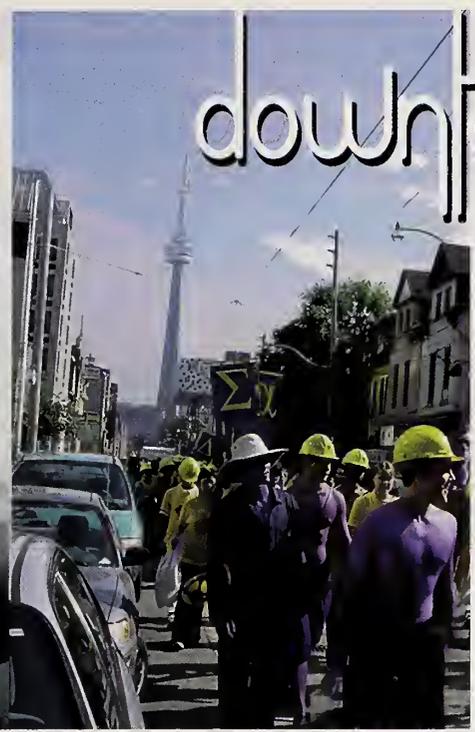
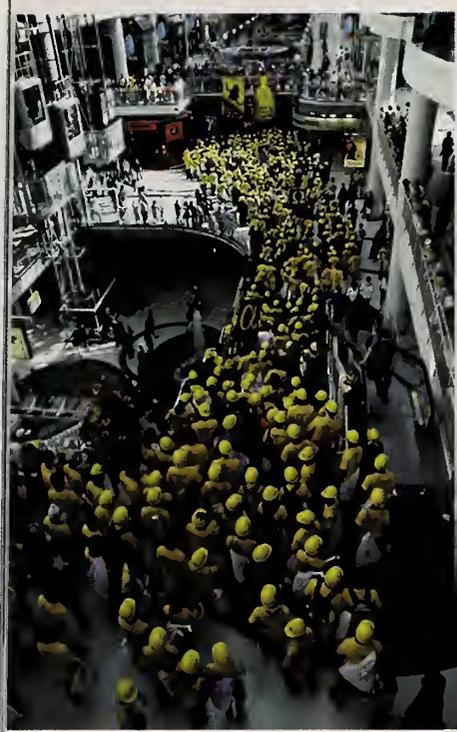


# campus tours



6 | frosh week

# downtown walkaround



... and inspired numerous paintings, famous poetry, memorable songs, and delicious chocolates.



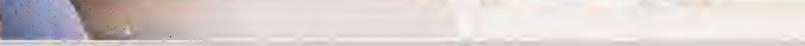
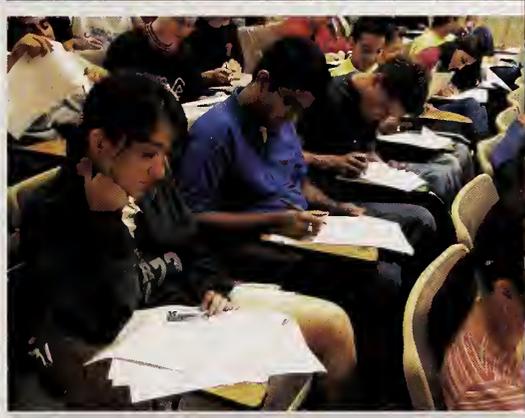




# city hall water fight



# scat (the test)



# fresh olympics



Yet for most people, several questions remain-

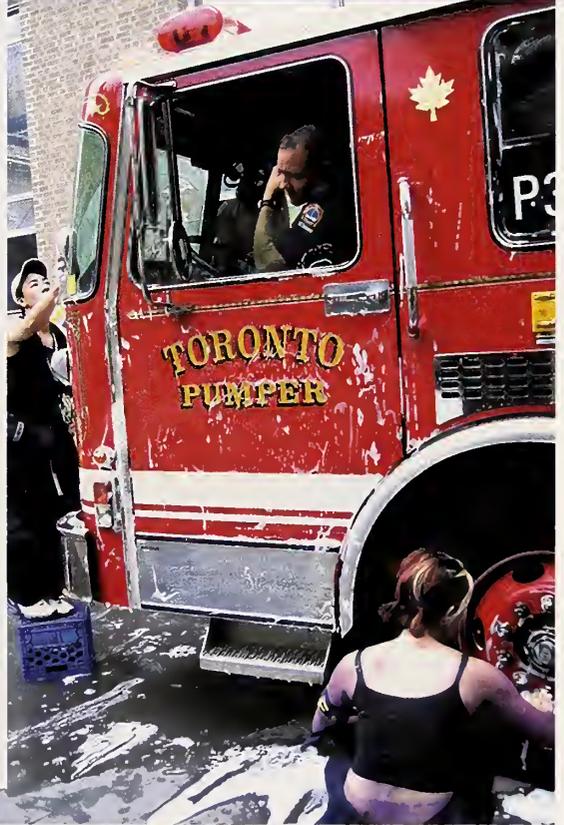
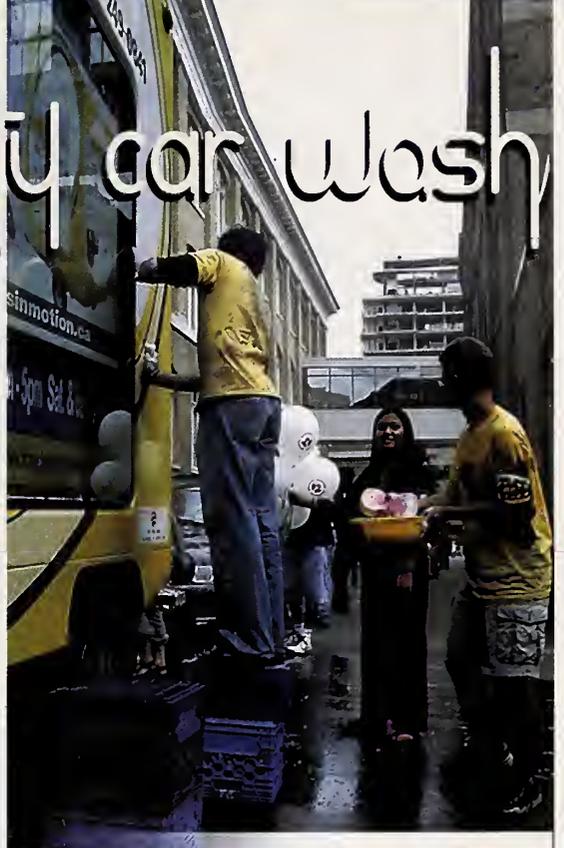


# charity busking event



1st Frashy Week

# charity car wash

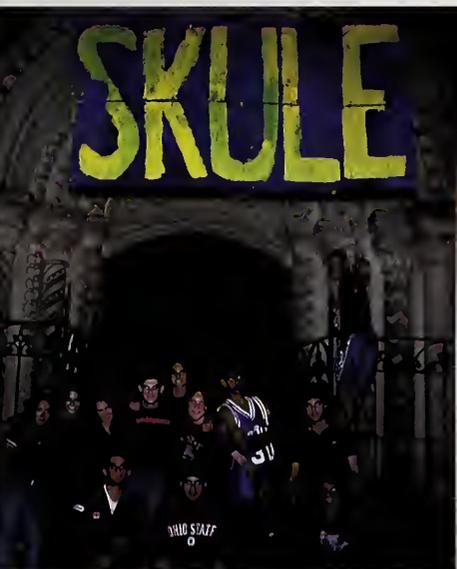
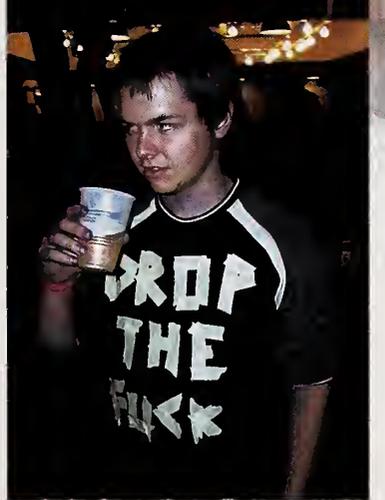


# blue & gold bed races



f! rosh week

# scavenger hunt



Why did she choose to ride naked through the town of Coventry almost one thousand years ago?





# hart house farm





**FIROSH WEEK**  
OT4  
TUE WED THU FRI SAT

5:00	6:00	7:00	8:00	9:00
10:00	11:00	12:00	1:00	2:00
3:00	4:00	5:00	6:00	7:00
8:00	9:00			

**HART HOUSE FARM**

**YOI LUNCH**  
YOI LUNCH  
YOI LUNCH

**\$\$\$**  
Charity Bazaar

**SUDS**  
SUDS  
SUDS

**EAA**  
Charity Auction

**HAVENTER SCUNT**  
SUDS

**BLUE & GOLD**  
BLUE & GOLD

# Orientation Committee



**Mike Diez d'Aux**  
MIN OT5  
Orientation Director



added some new elements to F!rosh week this year including: one extra Subman, the SURPRISE game, a kick-ass postering committee, the Ultimate Water Gun, rain, an indoor venue for F!rosh Nite (very convenient, considering all the rain), ACTUAL first aid (Steph, can you carry the spinal board with you at all times?), good food at Hart House Farm, the best Havenger Scunt I have ever seen, NBA Jam, auctioning a free piercing off to Steve Thorpe, a fully functional F!rosh Olympics, the coolest website ever, and F!antasia (the F!rosh week slideshow performed to classical music).

Things I missed: the golf cart... It's irresponsible as hell, but whatever, I'm not in charge.

There are too many people to thank. If you were at Suds for the post-F!rosh Week party, you know how much I love you (it's proportional to how many drink tickets I gave you). To next year's chair: use the same schedule for orientation...we have a BlinG BlonG banner for it!

**Orientation OT4 Committee**

- Vice Chairs Supreme- Nicole DiCarlo and Claudia Wu
- Postering- Henry Cheung and Harim Kim
- Campus Tours- Paul Radcliffe
- Food- Ali Istchenko and Davis Doan
- F!rosh Olympics- Jen Pollock and Jeremy Cutler
- Siege Weapons- Frank Forte, Rob, and Bob
- Dye Station- Marika Paprika
- Hart House Farm- Rom Chehade, Kiki Cheung, Godmans Chow

- Charity Event- Faizal Ismail and Denise Luk
- Webmastah, slide show, & lots of other stuff- David Lee
- The PAP test- Roger Mong and Nik Wood
- Skule Patrol- Steph McTague
- Ordering- Patricia Au and Diana Galdames
- Con Hall Proceedings- Cathy McLeod
- F!rosh Nite- Naz Hossain
- Scavenger Hunt- Naz Hussain

All the Head F!rosh Leaders: Nicole, Mark, Mark, Nathan, Sam, Dan, Jordan, Alice/Peter, Laura, Todd



Did she truly ride stark naked, as the more famous tales describe...





creative

ee

engineering

civil engineering

computer engineering

electrical engineering

engineering science

mineral engineering

materials science & engineering

mechanical engineering

robotics engineering

disciplines

# dean of engineering

As you graduate from the University of Toronto with your Engineering degree, you should take great pride in what you have accomplished. As an Engineer, you have the power to create, the discipline to work hard, and the talent to succeed.

The Faculty of Applied Science and Engineering has an exceptional reputation for leadership in teaching and research and for pushing the innovation agenda. This past year, our Professors have continued to make headlines - their discoveries have helped to solve some of society's most pressing challenges and continue to reshape our world at an amazing pace. With the opening of the Terrence Donnelly Centre for Cellular and Biomolecular Research this year, our Professors and Researchers are well poised to collaborate with a wide range of experts in Pharmacy and Medicine to advance our understanding of genetic diseases and develop treatments for human illness. Other discoveries - from clean air and water - to sustainable, alternative sources of energy - to microsattelites - to an optical Internet, and so much more - have created a world that our society takes for granted and one that is envisioned and created by Engineers. As a graduate of this Faculty, not only are you associated with this outstanding reputation, but you are also responsible for seeing it continue. You are the conduits that transfer innovation and knowledge to society. You are the leaders of the future.

I hope that during your time here, you've acquired useful knowledge in your chosen discipline and you've come to value the people you have met and the networks you have built. I hope that you took the opportunity to become involved in some of the activities and teams that make Engineering so distinct from the rest of campus, and that give us that unmistakable "Skule spirit". I have no doubt that the ambition and energy you have applied during your days at Skule are the same qualities you'll apply to your future personal and professional goals. As one part of your life's journey is now ending, another is just beginning. Your university and your country look forward to hearing great things from you. Someday, we will point to your careers as examples to follow for future generations of students. I am confident that you are well prepared to pursue your dreams and I encourage you to set your ambitions high.

Anastasios (Tas) Venetsanopoulos  
Dean, Faculty of Applied Science and Engineering



# vice-dean of engineering

To the Class of 2005, Congratulations on a job well done!

Well your journey has come full circle from your first day as a Fresh with the Faculty during Orientation in Convocation Hall...to your last day receiving your diploma in the same Convocation Hall. I hope, as a Professor and Vice Dean, Undergraduate that you have made the most of the journey in between these milestones by having experienced all that life can offer you within the University of Toronto at large. I hope you have made lasting friendships, have learned both technical and life skills for the road that lies ahead, and you have fond memories of your time with the Faculty.

You should be proud of all of your accomplishments, not least of to be amongst the newest graduates of the Faculty of Applied Science and Engineering, a fine international engineering school. To the parents, friends, and relatives that have provided encouragement and helped nurture your success, the Faculty also extends greetings and thanks you for your support. Each of you is well prepared to start a new journey and carry the name, traditions, and pride of this fine University in everything you do and everywhere you go. You are the new ambassadors to the world, so hold your head high, and tell the world about your journey and the wonders of this great University.

Each of you, with hard work and determination, has already succeeded in the first step in making the world a better place for all. Go forth, and make sure each and every day that you "make a difference"!

Steven J. Thorpe  
Professor of Materials Science  
Vice Dean, Undergraduate Engineering Studies

# registrar

It is a pleasure to once again send greetings to all of you at Skule and especially, to the graduating class. To the graduating class - you have completed a very demanding program of study that will serve you well in your future careers. During your years at University you have taken many courses, participated in tutorial, laboratories, and been involved in projects as well as research theses. In all of these activities you have gained first hand knowledge of some fundamental aspects of engineering and science. As you move into your chosen career, the application of your knowledge and understanding in order to be truly effective will require great wisdom.

As Registrar I am very pleased to report that our programs of study continue to attract large numbers of well-qualified students. In the Fall of 2004, we registered 1,074 young people into our first year programs and close to 3,000 returning full-time and part-time students in 400 + course offerings in the Fall and Winter Sessions. Creating conflict-free schedules for so many students in over 40 programs of study, whilst maximizing room usage and utilizing all days of the week, continues to challenge us. Our International Student Exchange program is flourishing, with 14 of our students sent to Australia, England, Wales, and Japan this year. We are hosting 21 students from Israel, Australia, Scotland, England, France, Hong Kong, Israel, Sweden and New Zealand.

During the summer, our First Year staff offered several information sessions to first year students to better prepare them for their arrival on campus. In addition they created an on-line summer information presentation for students who could not attend the summer sessions. We are currently implementing a parents' bulletin board to enable parents of first year students to communicate with each other as well as to obtain important Faculty information.

As you reflect on your four/five years in Skule and your interactions with this Office, you might very well have some good ideas on how we might serve you better. Please feel free to come by and speak to me at any time. As you leave the University, let me encourage you to retain strong links with your Alma Mater. We extend our best wishes to each of you for a rewarding and enjoyable career in whatever area you eventually pursue.

Barbara McCann  
Registrar



# alumni relations director

Congratulations to the Class of 0T5! I hope you have had a memorable journey throughout your years at SKULE and will come back often to share them with classmates and other Alumni. You are now part of the Engineering Alumni Association, a 29,589 member group worldwide. What a great network! There are many ways that you can stay involved with the Faculty, you need only give me a call. We hope you will attend Reunion events, participate in our Mentorship programs and Networking events. You can also get involved as a volunteer on various EAA committees. Please contact me if you're interested. Your Alma Mater offers a wonderful Professional Development program. You can find out more about it by visiting their website at [www.ecf.utoronto.ca/apsc/pdc/](http://www.ecf.utoronto.ca/apsc/pdc/)

The GRADitude campaign is your legacy for future generations. In the future when you receive the annual request for donations, please consider "giving back" to the place that gave you your career. The Faculty cannot fund everything that the students need. Hence, we look to the GRADitude and Alumni Annual Fund Campaigns to help us. The funds go to scholarships and student projects. Become a proud member of your profession! Join the Professional Engineers Ontario, Engineering Internship program. [www.peo.on.ca](http://www.peo.on.ca) and the Ontario Society of Professional Engineers [www.ospe.ca](http://www.ospe.ca).

A final reminder – it is through the Alumni Office, its website, its various publications and the many events that you will keep up your Skule™ Spirit. You are always welcome back, so keep in touch. All the best in your future endeavours!

[www.skulealumni.ca](http://www.skulealumni.ca), [info@slukealumni.ca](mailto:info@slukealumni.ca),  
416 978-4941

Márta Ecsedi  
Civil 7T6, P.Eng.  
Director – Alumni Relations



...or perhaps did she ride clothed yet "naked" of any status symbol?



# first year chair

Dear F!rosh,

As the Chair of first year, I would like to congratulate you all on surviving first year. First year in Engineering can be challenging both intellectually and emotionally, and you are to be commended in having made it through this important transition. I am happy to have had the chance to get to know many of you, at recruitment events, during the admission process, through the Friday First Year Seminars, or inside the classroom. From your first days on campus at Orientation to experiencing your first exams, I expect that you will be leaving your Frosh year with many memories. I can only hope that the year was always stimulating and that you will keep the spirit of first year in mind in your journey through our program.

I would like to wish you all the best as you proceed through your upper years in your new home departments. I look forward to seeing you again in Convocation Hall in a few years time when I will be able to watch with pride, as you accept your degree.

Yours in Engineering,  
Prof. G.J. Evans

**Prof. G.J. Evans**  
Chair, First Year Engineering



# OT8 committee chair

The OT8 Committee has had a very successful Skule™ year. Placing 'e' in the Chariot Race (defeating the evil NSci's after stealing their chariot, then betray us in the race, and then not allowing them to finish), throwing F!rosh Nite 2 and then pulling the ultimate F!rosh Prank! OT8 also had many other miscellaneous pranks pulled during the second term and had over 30 active members participating at meetings. As OT8 Committee Chair my responsibilities were primarily to find F!rosh who want to participate in Skule™ events. The Chair oversees the construction of the F!rosh Chariot which races in Ye Grande Olde Chariot Race. The Chair organizes the second party dedicated to F!rosh known as F!rosh Nite 2. The Chair is also responsible for making sure the committee executes a final prank during Iron Ring time. The entire committee completes all of these tasks appointed by the Engineering Society. The First Year Committee Chair is also responsible to represent all F!rosh at Engineering Society council meetings, as opposed to representing any specific discipline.

This year I was privileged enough to have such an enthusiastic team to work with. I was also able to represent F!rosh at the First Year Integration Conference (FYIC) where representative F!rosh from engineering schools across Ontario meet, talk about their schools, and attend seminars held by industry leaders. All in all, I'll say again it has been a very successful and eventful Skule™ year... it is not the last you will see of the OT8's!

**Cody MacNeil**  
MECH OT8  
Chair, OT8 Committee



f!rosh oT 8 (civ 102, lec 101)



f!rosh oT 8 (civ 102, lec 102)



f!rosh oT 8 (ece 190)



Was she an advocate for the rights of the people of Coventry.



f !rosh o | 8 (mat 186, lec 101)



f !rosh o | 8 (mat 186, lec 102)





f !rosh 0 | 8 (mat 186, lec 103)



f !rosh 0 | 8 (mat 186, lec 104)

## chem department chair

Congratulations to all members of the graduating class of Chem OT5! We are very proud of your hard work and determination. As you step out and begin the next stage in your life I am confident that your education at the University of Toronto will stand you in good stead and that you are well prepared for the challenges before you. I am delighted to have come to know some of you well over the past few years. I have been impressed that in addition to your demanding academic schedule, many of you have been actively involved in extracurricular activities. You have proven your dedication, motivation and leadership through your participation in sports, clubs and organizations both locally and internationally. I would like to extend a special thanks to Chem Club, CSChE and the newly formed Toastmasters Club for contributing so much to the quality of life of students in our Department.

You are now alumni of the Department of Chemical Engineering and Applied Chemistry. Our Department is both rich in history and full of promise for the future. I encourage you to stay connected to your classmates and home Department. Send us announcements for INTERFACES magazine; get your classmates and colleagues out to the Annual Chem Dinner in March and get involved with our undergraduate students through the Leaders of Tomorrow program. I hope that you will join us in our drive to achieve our vision: "We will be among the top ten Chemical Engineering departments in the world – educating leaders of tomorrow."

On behalf of the faculty and staff of the Department I wish you success, health and the joy of a well-rounded life with friends, family and your community.

**Professor Doug Reeve**  
Chair, Chemical Engineering & Applied Chemistry

## chem club chair

This year, Chem Club has been very successful at attaining all of its goals. We have re-invented the Common Room – making it a comfortable and relaxing environment for students to come and enjoy lunch, play foosball, eat and do homework. The new and improved meeting room is a great place for students to work on projects and make presentations. We have also added some new appliances and introduced a new vending machine.

Our annual Dinner Dance held at the Chestnut was an unforgettable event! With a great turn out of both students and Professors the night was quite the enchantment. CSChE showed a great video and lots of prizes were given away.

We have also continued all intramural sport events including ultimate frisbee, ball hockey, pick-up basketball, volleyball and soccer. Our bake sales have left students hungry for more.

The Iron Ring celebration for the class of OT5 was a tremendous success. With over eighty graduates – this class will now move on to greater accomplishments.

On behalf of the Chem Club, I hope everyone has had a prosperous year! Good luck with all of your future endeavours!

**Jennifer Aiello**  
CHEM OT5 + PEY  
Chair, Chemical Engineering Undergraduate Council OT4-OT5



*Lady Godiva, originally named Lady Godgifu.*

chem 0T7



chem 0T6



and her husband Leofric, the earl of Mercia, were nouveau riche members of English aristocracy in the eleventh century.





# chem dinner dance



Originally from the sunny village of Shrewsbury, England, they had no relationship with well-established lines of nobility.



## civ department chair

This year has been an exciting one for the Department; we have undergone a strategic planning process that we envision will make our Department one of the best in the world – not just North America - by 2010. We have branded our Civil Engineering program with our theme of Urban Solution. We hope that each of our Civil Engineering students will walk away with a better appreciation of a profession that is concerned with virtually all aspects of the urban environment and the interactions between the built, natural and human environments. We have created a new management team to ensure the goals of the Department and to work towards excellence in the service provided to faculty, students, staff, alumni, industry and the community. We have developed a Leadership Seminar Series for students to participate in that will strengthen and better prepare Civil Engineering students for their experience as students, graduates and alumni. Our wish is to prepare our students for the journey they are on and for the journey that lies ahead. We believe these great support programs will do just that!

We are so proud of the terrific students in this Department – they truly exemplify great Skule Spirit through their participation in various activities like the Concrete Canoe, the Toboggan, Engineers Without Borders to name but a few shining examples. As Chair, I too am on a journey with all of you. I am thrilled about all the advancements we have made and will continue to make in this Department. I hope you will continue to follow our progress by visiting our website for all the latest news on your alma mater.

Congratulations to the class of OT5 – remember you are our ambassadors and you will begin to make an impact on our tomorrow as you forge ahead in your life. I want to wish you great success as you move forward and remind you to imagine tomorrow today.

Professor R. Paul Young  
Chair, Civil Engineering



## civ club chair

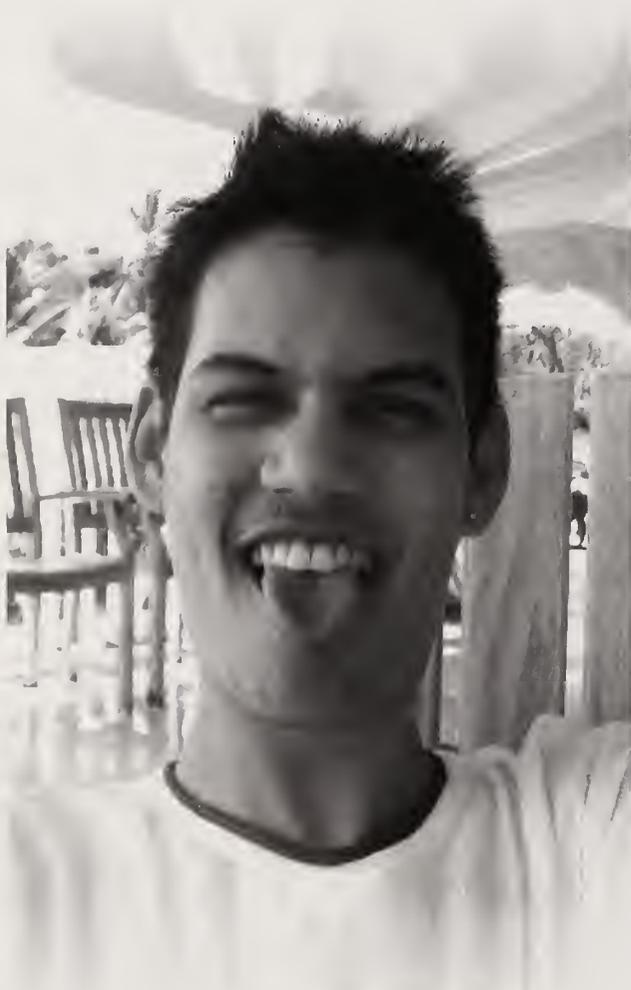
This year just proves that Civs know how to have a good time!! If you made it to any of our events you would have seen this for yourself. Our smokers were... memorable. The new sound system added another dimension to our events whether its music pumping at the smokers or at the movie nights. Our various "fundraising" events were also a huge success and drew crowds from all around.

The main goal of Civ Club this year was for the students to notice a difference and actually want be a part of what we had to offer. I believe we achieved this and more. The level of enthusiasm this year was high and it made being in Skule enjoyable for a change, or at least helped to keep our sanity!!! Our Civ Dinner Dance was the event of the year as usual.

Professors and students came together for an evening of fine food and some interesting dancing at best. Of course the open bar set the atmosphere for the evening and for that one night, everyone was a kid again.

This year wouldn't have been the success it was without an amazing executive. We all shared the same vision and made sure it became a reality. There was never a dull moment and you never knew what to expect. Thanks for an amazing year! I would do it all over again in an instant, and yes I have been told that it could be arranged. Nuff respect!

Chris Pearson  
CIV OT5  
Chair, Civil Engineering Club OT4-OT5



civ 0T7



civ 0T6



Consequently, Godiva and her husband were deemed pariahs from social circles of high society.



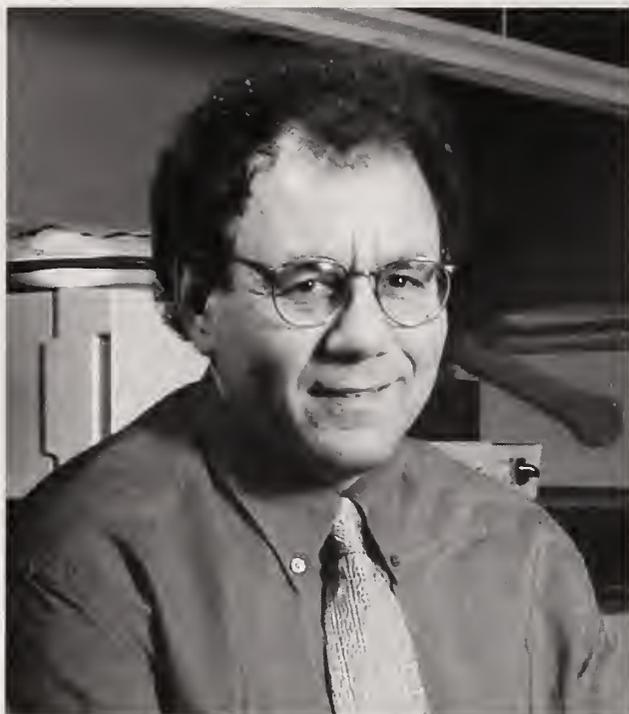


# ciu dinner dance



The women turned up their noses at Godiva's poor sense of style and unrefined mannerisms.





## ece department chair

When you look back at the time of your life that this book and section covers, I think that you will realize three things:

1. That you were learning the basics and the applications of what historians will call the most important technologies of the 21st Century - microelectronics, computer hardware and software, electromagnetics and photonics.
2. That you met many people who became your life-long friends and colleagues.
3. That you were challenged more than you were ever before, but somehow managed to make it all work out.

I'm certain what you've learned here doesn't all yet make sense. Over time you will find that various aspects of the learning, wisdom and experience you've acquired will be reflected and useful in many of the experiences of your life. Most important of all, you have learned \*how\* to learn at this higher level, and that will carry forward on the exciting journey of life in a newly technological world. On that journey, your classmates will likely play a big part. Your spirit, emboldened by the challenges you have conquered, will carry you through the even greater challenges to come. Good luck!

**Jonathan Rose**  
Chair, Electrical & Computer Engineering

## elec club chair(s)

Another year has gone by... First of all, a big thanks to the staff, the execs and the class reps that made this year a great one! Comp Club: it was great working with you! The 3rd and 4th year trips to Montreal were a huge success, the Dinner Dance was a lot of fun, the 4th years got their Iron Rings, and then there was the Chariot Race, movie nights, smokers...

First of all, to all the 4th years, treasure your iron ring. You worked hard for four years to earn it! Third years: you've gotten through the worst and you only have good times to look forward to (well, not really, but it's a nice thought). First and Second years: make the best out of university. You're fortunate to have a curriculum where you can choose your classes, just make sure to take the ones that Prof Dmitrevsky and Prof Maggiore teach!

I hope everyone had a good year. Good luck in everything you do in the future!!!

**Magda Stelmach and Anna Pagialunga**  
ELEC OT5  
Co-Chairs, Electrical Engineering Club OT4-OT5



## comp club chair

What a busy year it's been for the club! We started off with a brand new website, <http://ece.skule.ca/>, which has been up-to-date throughout the year (thanks so much, David!). The Dinner Dance saw its third, and best, year at the Fantasy Farm - limbo, hula hoop, and line dancing, need I say more? The fourth year trip to Montreal was a blast, as always. This year we also tried something new, a 3rd year trip to Montreal, instead of Ottawa, which went great! We followed up the trips with an easy 2nd place in the Chariot Race, and that's without bribing anyone! Thanks to all who showed up, hope you enjoyed the 6-foot sub - next year, more food! Once more, our common room remains the best (although woefully small given the size of our club - hopefully that will change in the near future!). There were some bumps in the road, but they've hopefully been resolved. A huge thank you to everyone who's helped keep me sane this year - Cathy, Kharthick, Prashanth, David, Mark, Mark & Mark, and last but definitely not least, Anna & Magda!

**Alex Curelea**  
COMP OT5  
Chair, Computer Engineering Club OT4-OT5



ece O T 7



elec O T 6



comp O | O



The men looked down upon Leofric because his hunting dogs did not originate from noble bloodlines





# ece dinner dance



He was ostracized because his rank in society was attained through personal success in trade, not through lineage.



# nsci department chair

Dear EngSci's:

We are once again at the end of a school year, a year in which each of you has taken a personal journey of exploration. The first year's among you have been challenged by the adjustments from high school to university. The second year's have survived design and thermo. The third year's have finally been able to delve into their respective options of choice. And the fourth year's – well, this is your special year; you've survived four grueling years and earned your iron ring and EngSci degree. I know it has been a year of intense academic work and intellectual growth for all of you. I hope it has also been a year of personal growth, fun, joy, and new and deepened friendships.

As EngSci's, you have been immersed in a world of intellectual pursuit and mutual encouragement. Each of you has helped create the incredible learning environment that is EngSci. You continually impress me with your pursuit of excellence – in your technical studies as well as in arts, sports or leadership activities. It is this drive toward learning and excellence that is truly the Spirit of EngSci.

On a personal note, I am now at the end of my term as Chair of Engineering Science. It has truly been a privilege to serve Engineering Science in this capacity and to get to know many of you. As you and I leave EngSci, for a summer, a 16 month PEY term, or forever, I know the Spirit of EngSci will be with us, and will enrich the rest of our life's journey. I wish you all a wonderful life of intellectual pursuit and personal fulfillment.

Sincerely,  
Yu-Ling Cheng

Yu-Ling Cheng  
Chair, Engineering Science



Angela Lo  
NSCI OT5  
Chair, Engineering Science Club OT4-OT5

# nsci club chair

What a year it has been!! Let me first thank my exec, the division, the class reps, Engsoc, and several individuals (you know who you are) for making it all possible. There are so many people I would like to mention, but there are only so many words that I am allowed so I will keep it general. I had an amazing time getting to know all of you and working together on all of the events this past year.

From an elegant dinner dance, a new stylish website, basketball tournaments, and not to mention, lots of great food, it has been a whole lot of fun. I would like to thank everyone for all of their hard work that went into planning, advertising, and running the many activities throughout the Skule year.

To all the Engineering Science students, I hope the Club was able to make this year at Skule all that more worthwhile.

nsci 0T7



nsci 0T6



to earn the respect they deserved, Leofric and Godiva decided to move to the small town of Coventry, in central England





# nsci dinner dance



Having been raised in 11<sup>th</sup> century England, Godiva and Leofric knew that the Christian faith was very important to society.



## mse department chair



The Faculty and Staff of the Department of Materials Science and Engineering congratulate our class of 0T5. The knowledge and skills that you have learned as an undergraduate student in this department will serve you well in the future, whatever career path you choose. You are graduating from a department that now has the largest and most diverse Materials Engineering program in North America. You have completed a very demanding course of study combining lectures, laboratories, industrial research projects, plant visits and independent research. Rest assured that you are prepared for an exciting career in industry or to continue your studies at the graduate level.

Materials Engineering at U of T is a special community of dedicated academic and administrative staff that provide a challenging, instructive and encouraging environment. Where ever your post graduate careers take you, please keep in contact with our office to let us know how you are doing and to share with us your successes.

The contacts and friendships that you made during your undergraduate years will remain with you throughout your life. Make sure that the skills and knowledge gained here also remain with you as you continue to develop new thoughts and ideas.

Throughout your years as an undergraduate student here, you would have noticed that our program has been steadily growing with a record number of students enrolled in second year and a number of new faculty members joining our department. This is a very exciting time in our Department as we continue to grow and expand our programs and we look to you, the 0T5 graduating class, to serve as ambassadors for this Department and the University. Class of 0T5, we salute you and wish you every success in your new careers. And always remember... materials matter!

**Professor Uwe Erb**  
Chair, Materials Science and Engineering

## mse club chair

I bet that Nostradamus could not have predicted what has transpired with the students of Materials Science & Engineering this year.

We've hosted some amazing events from sports to other things. The second Annual TAU Classic Table Tennis Tournament took place and we congratulate the winner of that prestigious competition. The Paintball was deadly but the ball hockey was killer. Volleyball, badminton, basketball and indoor soccer also showed terrific turnouts.

The night at Atlantis was not simply memorable, but fantastic! Our Smokers were smokin', with the introduction of Live Music to the Common Room and Marula to the students. We screened some amazing movies, as well as absolute bombs. But it doesn't end there. There's also Mahjong, as well as the odd game of chess or cards and the private parties.

Special thanks go to Nitro Janovich, The Black Hand, and all those that took part. Together you helped us to be a healthy alternative to the life in the classroom and/or computer lab.

**Amit Ahlawat**  
MSE 0T5

Chair, Materials Science & Engineering Club 0T4-0T5



mse 0T7



mse 0T6



They were both surprised to discover that Coventry had no appropriate facilities to house and teach priests.





# mse dinner dance



Leofric decided to build a monastery, and in doing so, improved spirituality in the town.



# mie department chair

The MIE Department congratulates the class of OT5 for completing a challenging engineering program in one of Canada's top universities. Many of you can point to accomplishments in a variety of areas: NSERC and OGS scholarships for graduate school; participation in program clubs, the Engineering Society, athletics, school newspapers; high school liaison and outreach to underprivileged communities in Toronto. Record numbers of MIE students are now participating in the PEY program. Special laurels are extended to the SAE Formula car team members, who are determined to carry on the award-winning tradition of their predecessors; Patricia Au and Trevor Ngai who led the first annual "Getaway" orientation event for new MIE students; Gina Lee and Ahmad Ahmadzai for orchestrating the fourth-year annual dinner-dance; a team of undergraduate industrial engineering students for hosting a national CSIE conference.

The MIE programs of Industrial Engineering and Mechanical Engineering are evolving in response to the feedback you have given us. An optional Bioengineering specialization is being introduced to third and fourth year; more choice is being offered in technical electives; students will soon be able to complete "minors" in Arts and Science while taking their Engineering programs. Computer labs are being upgraded; a new machine shop, with an area for students and professional instruction, has been set up. Professional machining courses have been set up in collaboration with George Brown College.

In the midst of all these accomplishments, MIE lost one of its most talented students, Andrew Frow. Andrew's fascination and with automobiles, and technology for the development of alternative propulsion systems, had led him to the role of driver of the U of T solar car. This ended in a tragic accident with the vehicle in August 2004. The MIE students have dedicated to his name the new MIE common room, which opened at the end of 2004. Andrew's leadership, enthusiasm, and vision for engineering will continue as an inspiration to the entire University community and beyond.

**Anthony Sinclair**  
Chair, Mechanical & Industrial Engineering



# mech club chair(s)

This year, our common room experienced renovations which began during the summer of '04, and resulted in a merger of the Indy and Mech rooms. It will be complete by next school year, and the room will be dedicated to the memory of Andrew Frow, from the Mech Class of OT5, who passed away recently in the tragic Solar Car accident. The 2005 Mechanical Engineering Club would like to thank it's executives for all the memorable events that happened this year, including the grad trip, ski trip and casino night. We would also like to thank the Indy Club for doing an excellent job in planning and organizing the successful MIE Dinner Dance. Congratulations to everyone who helped out with the Chariot race this year. After some long hours constructing the new chariot, a great turnout at the race and some strategically placed bribes, the Mech class took the Chariot Race title, winning the coveted JP Potts Memorial cup trophy!

**Chris Kosloski & Brendan Wood**  
MECH OT5  
Co-chairs, Mechanical Engineering Club OT4-OT5

# indy club chair(s)

The INDY CLUB represents some of the brightest and most beautiful minds at the University of Toronto --Industrial Engineers. Our goal, our mission, the very reason for our existence is to infuse life into the machine we call Engineering and to give our members a chance to become more than just computer monkeys. We want them to have an outlet for their creativity, desires, passions and dreams. They shouldn't just live in their environment, but become one with it, transforming it into whatever they wish. We provide the canvas and they must become the brushes. There are not enough pages in this book to list all of the accomplishments of our members but we will try to mention some of the main ones. We had a FANTASTIC Indy/Mech Dinner Dance this year. The theme of "Venetian Sunset" added a magical touch to an already wonderful evening. Industrial Engineers came out in full force to support the United Way at the annual CN Tower Stair Climb, proving once again that we are fully committed to our community. There was the trip to Montreal which most of us will never forget, except those that had a little too much fun and can't remember. I hope we have touched your life in some way and that when you look back, you will realize that it all began here.

**Ahmad Ahmadzai & Gina Lee**  
INDY OT5, INDY OT4+PEY  
Co-chairs, Industrial Engineering Club OT4-OT5





The people of Coventry were very pleased with their new monastery, and now considered him a valued member of nobility





# mie dinner dance



thereby appointing him with the role of Coventry's Lord Mayor



## min department chair



Congratulations to you, the graduating class of OT5, on the completion of this stage of your academic journey. You are part of a unique program of study, a program with access to the best minds in academia and industry today.

Your own journey has only just begun. While it may seem that you have already traveled far in your lives (and you have!), there are many miles to go and directions to choose. With a Mineral Engineering degree, the paths available to you are many.

Some of you will choose traditional careers with Canada's booming resources industry; others will choose finance, consulting, business, or research. Others are going on to graduate school. These paths will lead you in exciting directions, but I hope that you will always remember your time with us fondly.

One development you witnessed during your time at U of T was the launch of the first Mineral Engineering Alumni Newsletter: News and Views. We hope that you will keep in touch with us through this publication and that we will have the opportunity to celebrate your successes on its pages. The spirit of the class of OT5 was instrumental in shaping that publication.

To our Lassonde Scholars, a special congratulations to you, as your achievement goes beyond high academic standing. The Lassonde awards reflect commitment to the mineral industry, leadership and the spirit of collaboration that is exemplified in our patron, Pierre Lassonde. Finally, on behalf of myself, the Associate Chair Prof. John Curran, and Chief Administrative Officer Dr. Laurelle LeVert, WELL DONE!!!

**William F. Bawden**

Chair, Lassonde Mineral Engineering Program, Division of Mineral Engineering

## min club chair

The Mineral Engineering Club is the largest club in Engineering. With an astounding 50 people, we out number any other program by 1.0E-10 : 1! In all seriousness now, every few years or so, the Min Club decides to write something for the Skulebook to fill up that big empty white space above our class picture. This year, instead of having a vote to see if we wrote something or not, we decided to try a more practical approach; we flipped a coin. Stupid tails and its stupid not winningness...j/k. This was a great year for all! Ski trips to Blue Mountain were a blast, smokers were definitely smokin', and Mining Games was a gong show as usual. Congratulations to the Mining Games team for placing so well. Fields trips to a couple of active mines in Ontario were insightful and educational for all years. Thanks to the department, Min Club exec and all others that helped to make it happen.

Top Five Reasons Why Mineral Engineering "Rocks"!

5. Cause it's shiny
4. Our Shafts Go Deeper
3. These are actual terms used in the mining: Dykes, Cleavage, Breasting and Pregnant Liquor.
2. Gold and Diamonds...the girls know what I'm talking about ;)

And the number 1 reason is...

1. We Make the Bedrock

**Josh Clelland**

MIN OT5

Chair, Mineral Engineering Club OT4-OT5



min 0 | 7



min 0 | 6



Leofric's successful projects eventually even lead to the development of a new town waterworks.



# min class candid



# my dinner dance



He quickly realized that the tax on horses, the sole tax in place, was not generating enough revenue to fund his projects.



# pey class

Working for a world-class company has allowed me to apply the advanced engineering skills learned in school to real-world projects. From analyzing many small projects to providing the final analysis (reliability and efficiency) to the final design and construction, I have produced many projects that are used in the real world. My most recent project is an example of how to use the professional skills learned in school. I am currently working on a PEY program at the University of Illinois.

Leanne Alejo, MECH OT5+PEY  
IBM



PEY is a must for every engineering student. It's hard to fully appreciate the value of the experience unless you actually do it. While working in the Websphere Commerce Department, Integration Test at the IBM software labs, I get to make use, apply and appreciate what you learn at school (well some of it anyway). In addition, I get a feel of how things work in a big company and how a major project flows through the different phases of development, test and release, and how developers and testers work with each other.

Ali Hesson, COMP OT5+PEY  
IBM



## Direct Energy Business Services

My job is on the Business Services side of things (i.e. not home furnaces) and involves mainly applying my knowledge to environment engineering. We retrofit old (and sometimes new) buildings to find ways for them to consume less energy, water, and gas. This not only saves our clients money, but it also uses less of our dwindling resources. During my PEY term I was also Leedur of the Lady Godiva Memorial Bnad. I missed less than 5 events because of work, and my participation is as great as ever. Just because you're working doesn't mean you have to put your Skule™ life on hold. Working in the field is a great opportunity, but remember that you're only young once, so don't skip out on getting involved for a year. You can balance both, because remember, when you're on PEY, you have no exams!

Luke Wesley, MECH OT5+PEY  
Direct Energy



Ivana Konvalinka  
NSCI Bio OT5+PEY  
ATI Technologies Inc.

Working for a world-class company has allowed me to apply the advanced engineering skills learned in school to real-world projects. From analyzing many small projects to providing the final analysis (reliability and efficiency) to the final design and construction, I have produced many projects that are used in the real world. My most recent project is an example of how to use the professional skills learned in school. I am currently working on a PEY program at the University of Illinois.

Kirk Holz, MSE OT5+PEY  
Inco Technical Services Ltd.



Working for a world-class company has allowed me to apply the advanced engineering skills learned in school to real-world projects. From analyzing many small projects to providing the final analysis (reliability and efficiency) to the final design and construction, I have produced many projects that are used in the real world. My most recent project is an example of how to use the professional skills learned in school. I am currently working on a PEY program at the University of Illinois.

Sean Sidorov, PEY  
ATI Technologies Inc.



From the first time that I heard about the PEY program I wanted to do it. With no related experience and an average GPA I was miraculously selected by Husky Injection Molding Systems Ltd. to be one of there 16 month co-op students. With only 5 months of experience under my belt so far, I've gained more understanding of what engineering REALLY is than through my 3 years of lectures, labs and exams. Right now I'm partially responsible for designing hundred thousand dollar molds which go into million dollar machines, give or take a few dollars. Shout outs to A.A, H.R, K.W & A.M...."KAASH".

Sean Myers, MECH OT5+PEY  
Husky Ltd.



Jeff Kingyens  
NSCI Comp OT5+PEY  
ATI Technologies Inc.

My best memory so far is actually doing this write-up because a group of PEYers and I had to smuggle in a camera into the building in order to take our pictures, and sent our write-ups directly to the skulebook without HR reviewing it. Since MDR works on projects for NASA, DARPA, and other orgs, HR acts like big brother and controls everything. The hardest thing is passing time with nothing to do, because for every project the company works on, it won't be entirely in-house and you need to wait for the work to be done by sub contractors, and then their work has to be tested and verified before we can complete our portion of it. That's why there's a lot of idle time, and I just spend it playing ninja turtles on my gameboy. Overall MDR is great.

Can Yilmaz, ELEC OT5+PEY  
MDRobotics



Can Yilmaz Amir A. Aliabadi Igor Svistoun

I must admit, working for MDR is not the best experience I've had. I don't get to work on any of the high-end projects that I would like to plunge myself into. However, I enjoy the work that I do do. And profit is not the only goal of success at MDR.

Amir Aliabadi  
MDRobotics



Nader Dalibo  
ELEC OT5+PEY  
Actel Technologies





graduates

# chemical engineering



saad

ahmed



sajid

alimohamed



maham

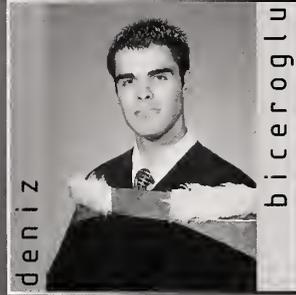
ansari

Wow, what an incredible 4 years! Grateful 2 Allah & mom/dad for making this possible for me. 2 all my friends including the CUBE team for some wonderful memories. I made it!



dayana

aziz



deniz

biceroglu



dan

bolinteanu



matthew

caschera



aby

chan



queenie

cheung



marc

chidiac



philip

cho



cristina

chornewich



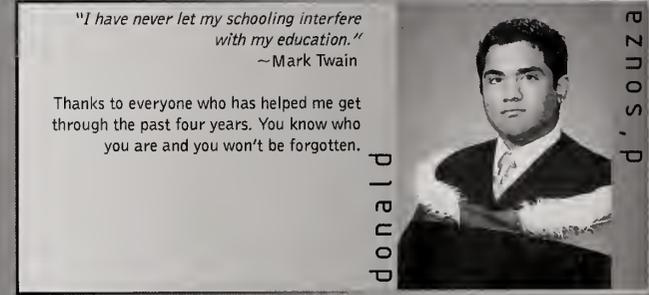
domenic

contino



anna

dardzinska



donald

d'souza

"I have never let my schooling interfere with my education."  
~Mark Twain

Thanks to everyone who has helped me get through the past four years. You know who you are and you won't be forgotten.



john

fung



sukrit

ganguly



krystal

godri



rina

goldberg



jennifer

grabel

10 things I will remember about Skule:  
[1] Laughing when anyone asked me to participate in school activities [2] The girls, chem house & Andy [3] The algebra lecture on "peration" [4] Dress shopping [5] Only 2 all-nighters, both with KW [6] Dying the unit ops lab (and EM) orange [7] Ode to chem ("M" dance) [8] The "cripple" [9] Hexacorp [10] Ice cold water. Thanks for the memories - Good luck OT5!

TO THE LAST ANGEL STANDING:  
YOU MADE IT! YOU FOLLOWED YOUR DREAMS EVEN WHEN IT MEANT YOU HAD TO MAKE SO TOUGH DECISIONS. WE ARE SO PROUD OF YOU, GIRL. THE ANGELS OON'T SIT THROUGH LECTURES, MUDGLE THROUGH LABS OR LAUGH AND SING OURING LATE NIGHT STUDY SESSIONS ANYMORE... BUT WE LOOK FORWARD TO A FUTURE IN WHICH WE WILL ALWAYS BE FRIENDS ANO WEARING SUNGLASSES ANO HATS! LOVE,  
KRISTLE ANO KYLA (CA)

alyssa

hall

# chemical engineering



caroline hamer



farnaz harraji



tanya hauck



ailee ho

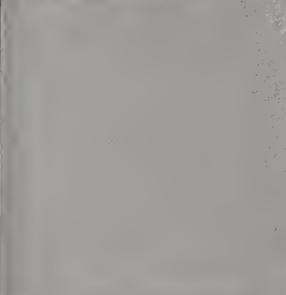
I can't believe that four years have passed by so quickly. Thanks to my family, professors and friends for giving me help and support. I will always cherish the special memories of my years at U of T. Congratulations to all my fellow grads and good luck to everyone as you pursue your dreams!



neera jain



natalie jakovina



michael johnston



karineh kazazian



olivia kusakawa



alison kwok



hanh lai

Four years + one victory lap are over...  
 Muchas gracias a: Mom & Dad - For the financials. The Triton™ team - For the good times! I will never forget those chip-filled sleep-deprived nights. Beware the EDCs... The Skule™ Stage Band - I pass on the legacy of the bari to whomever is willing to accept the challenge. DJ Marcin - Keep spinnin'!  
 ME - The time's been short but I feel like I've known you forever. Katie & Donna - Thank you times infinity for your omnisupport.  
 VIVA ENVIRO!



helen li



jane mai



marcin malek



peter messih



flora mok



mahya mokhtari



eric morris



andrew naassan



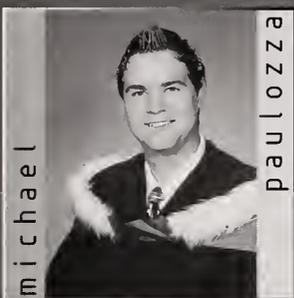
steven nunnari



samuel orr

Don't take life too seriously. If you do, the small pleasures in your life may be replaced by stress and worry. Instead, find excuses to be excited. High spirits and optimism are addictive and motivating. Don't take yourself too seriously either. Sometimes a touch of humour is the right answer.

# chemical engineering



michael

paulozza



john

piroli



anand

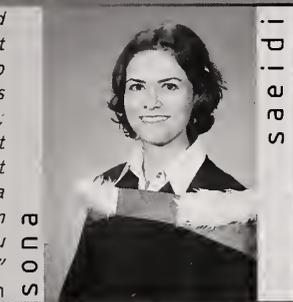
radia



alexander

rhee

*"What Is Success: To laugh often and much; To win the respect of intelligent people and the affection of children; To earn the appreciation of honest critics and endure the betrayal of false friends; To appreciate beauty; To find the best in others; To leave the world a bit better, whether by a garden patch, or a redeemed social condition; To know even one life has breathed easier because you have lived; This is to have succeeded."*  
~Ralph Waldo Emerson



sona

saeidi



tarek

saghir



nadia

saleh



ekanki

saxena



diana

semjonov



mary

siew



amanvir

singh

JA, NS, SL, OZ: McCorkell days, 1st yr w/ KC, DG, PM, DB. DUGRIT!! Tonic, Kelly, WB and RPM! ADR, SB, GypsyX! PD crew. Calgary and LDM ow owww CTRAIN BANFF, cboy boots, FS and "FIRED" "HIRED" "CHOP" "ANTI" "SLIDE" PChvz, PCho, CSChE. Thanks to my family for their endless support, whom without I wouldn't have had the opportunity to learn so much and have so much fun. Mum, Dad, and Lisa, I love you!



david

small



ryan

smith

Over these last couple of years I have come to learn much about myself. I've learned I hate pulling all-nighters and plant design. And that Glenmorangie is a good scotch and that there is always time for Korean BBQ with friends. The simple things in life keep me going and bring me down... and I'm still working on not sweating the small stuff.



hojung

son



katherine

stokman



sriharan

subramaniam

4 years done YEAH YOU KNOW IT! What did I learn... for 5 guys we need 20 pizzas, water is gross, Victor Ng is a genius, Primrose=hotel of a dorm, showers make great toilets, Mick E. Fynns, the RT is scary, COOL IT, van damme could kill arnold, green p is my hero, robert-guy is not my dad, TONIC is heaven, everything else was uuuseless! All the best to the OT5 grads. 564/222 4-Life jt...TRUUUUE



jason

theriault



nuala

trainor

"Good riddance to EngSci, Chem rules! Here's to: Oktoberfest, 37 Cecil, Red Bull, scavenger hunt craziness, recon trips to UW, and Plant Design. Known for UTRA, Cannonball, and inconspicuous precision." -ZM



j.

tran



john

tran



joanne

tsang

88 graduates

# chemical engineering



judy

ue



oanh

vo



christian

wilde



daniel

wong



fui-yung ian

wong



justin

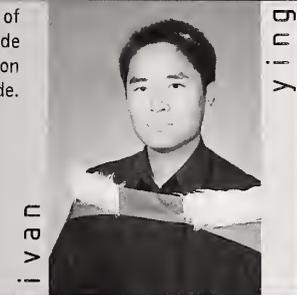
wong



katherine

wright

4 years here and gone in the blink of an eye. Thanks to all who have made these years worth living. See you on the other side.



ivan

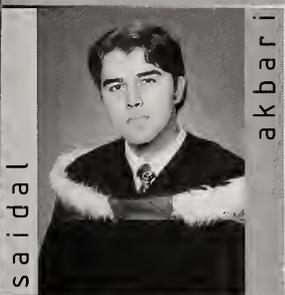
ying



edward

yong

# civil engineering



saidal

akbari



angel

alcaraz



annie

an



scott

briggs



khaled

budeiri



daniel

castiglione



ryan w.y.

chan



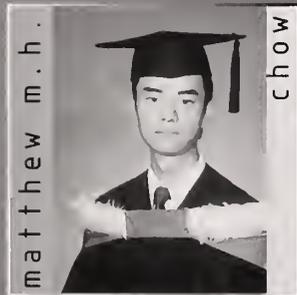
billy s.f.

cheung



tae kyu

choi



matthew m.h.

chow

She learned to appreciate the unspoken elegance of sculptures and the unrivaled grace of paintings.



# civil engineering

clement t. h.



chow Four years of hell has passed and all I get is this ring that's not even made of steel, but iron?! That's not all of course. I learned to make the UofT libraries my second home and I talked about engineering to all my non-engineering friends (which is why none of them applied since Skule is so scary). However, I did make a number of great friends at school, too bad none of them are hot babes.

anderson



chu

michael



collins

james



cooper

laura



declercq-lopez

shadi



djavadian

sara



feizmohammadi

michael



gray

ka wing



ip

tamila



kenzhebayeva

kerrie



kerenidis

bumjun



kim

yoonho



kim

gaurav



kumar

helen



kwan

phillip



kwan

rebecca



lam

carson



lau

grace



lau

michelle



lau

cedar



leung

winnie



leung Thanks God for his blessings! The 4 yrs in university was so exciting! CIVIL is FUN! I love Survey Camp! Thanks my family and my luv Steven for their love & support! And of course, YOU, my friends: Wen, Carmen, Tina, TaeKyu, Yoonho, Henry, Thuy, Letitia, AnnIeiK wish you guys all the best after graDuate! I will miss you soooooo much! FRIENDSHIP 4EVER! Keep in Touch!

# civil engineering



lin



anthony

lomotan



daniel

lopes



anna

macdonald



vladimir

maleev



ji hyun

myung



vy thuy

ngo



persad



robin

robin



danny

rosanova



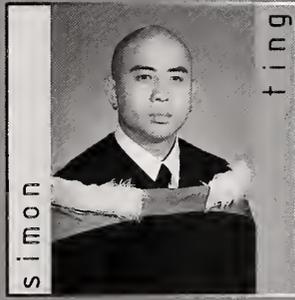
daniel

samson



sylvio s.f.

tam



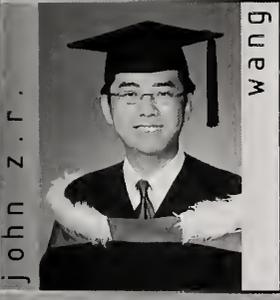
simon

ting



kevin

waher

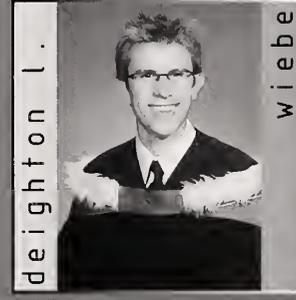


wang



michael

weldon



deighton l.

wiebe



wen

xie



yeung



letitia s.y.

yeung



xiaodan

zhang

She encouraged the town's people to acquire and admire art in hopes of enlightening their lives.



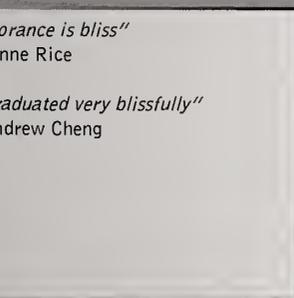
# computer engineering



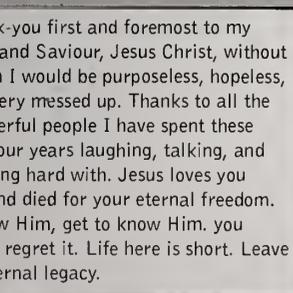
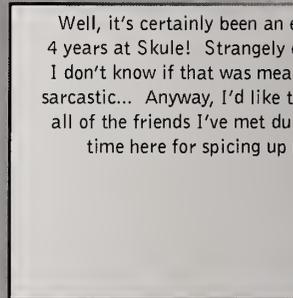
All thanks to God for getting me the first of many rings. Thanks to my family. The years passed by so quickly, difficult and depressing at times, but I'm proud that I got through. Congrats to everyone who made it. Thanks to Moose, Taha, Fawaz, Bhavin, Nitin, Ajmal, Abdu, Meis, MoG €! Always remember that *"Indeed the most honored of you in the sight of God is the most righteous of you."* Quran 49:13



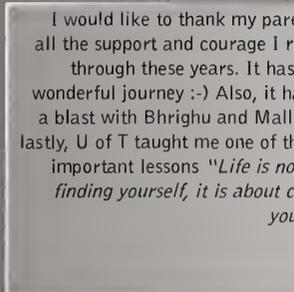
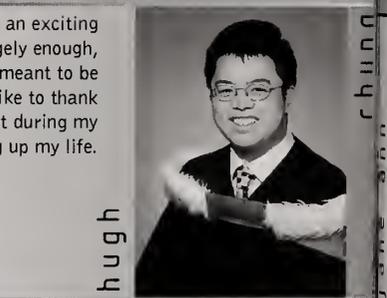
*"Ignorance is bliss"*  
~ Anne Rice  
*"I graduated very blissfully"*  
~ Andrew Cheng



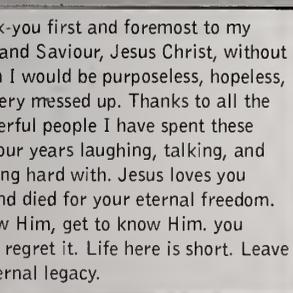
Thank-you first and foremost to my Lord and Saviour, Jesus Christ, without whom I would be purposeless, hopeless, and very messed up. Thanks to all the wonderful people I have spent these last four years laughing, talking, and working hard with. Jesus loves you all, and died for your eternal freedom. Follow Him, get to know Him. you won't regret it. Life here is short. Leave an eternal legacy.



Many THANKS to Allah (SWT), my PARENTS, Brothers, Sisters who supported me at each step of my Engineering at this wonderful University. I still remember the very first day when my MOTHER dropped me to my Kindergarten class and also the very last day of my 4th Year Engineering. And most importantly, oh yeah!!!, I am FINALLY an Engineering Degree holder and I am taking my Engineering RING with me.



I would like to thank my parents for all the support and courage I received through these years. It has been a wonderful journey :-). Also, it has been a blast with Bhrihu and Mallik. And lastly, U of T taught me one of the most important lessons *"Life is not about finding yourself, it is about creating yourself!"*



# computer engineering



farooq

When I write about my life, and I will, I will not be kind.



elise

fatourech



sze wang

fong



dorothy y.y.

fong

As I look around at my friends and classmates I am amazed by how far we have come over the past five years and look forward to the paths that lie ahead of us. Getting to know you and share these wonderful years with you has been both a pleasure and a privilege. Always remember: "Life moves pretty fast. If you don't stop and look around once in awhile, you could miss it."  
~Ferris Bueller

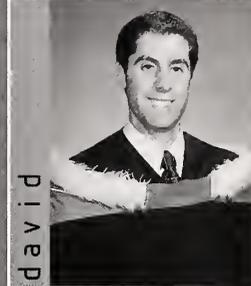


friedman



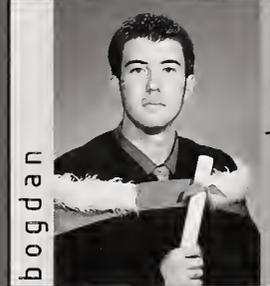
balroop

gill



david

goldman



bogdan

hancas

Annual Tuition: \$8000. Books: \$2000. Monthly Transportation: \$100. Having an Iron Ring and knowing that you don't have to step into any of the SKULE labs anymore: PRICELESS! Even still, the past 5 years have been great. Thanks to my family and friends for helping me through it all. Best of luck to y'all â€¦ "Wheresoever you go, go with all your heart."  
~Confucius

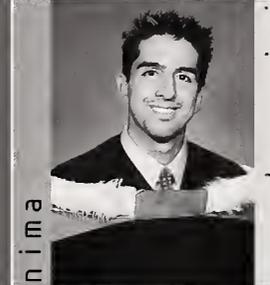


hong



iman

hosseini



nima

hosseini



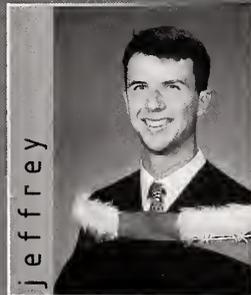
hui

The Iron Ring is a symbol of shame and honour to be worn only by engineers that have proven themselves to be worthy. The path towards the Iron Ring has led me to learn valuable lessons. The lessons vary from integration... Shannon's Theorem...friendship...and life. My toughest lessons were by far those pertaining to life, yet they are the most valuable. My love goes to all who have supported me.



matthew

hum



jeffrey

hushley



andrew

iacobelli

These have been the best four years of my life, and no matter where I go, I'll never forget this amazingly unique and diverse place - Toronto, where I've met the best of people! And this would not have been possible if I didn't have such wonderful parents. I hope to keep in touch with everyone, and to share the knowledge I have gained at U of T, with faith and conviction, to make this world a better place.



humaira

irfan

Wow ... it's been a long three and a half years or so. It's hard to believe that I am graduating, but I'm glad. I've learned a lot of valuable lessons from going through the Engineering program, in particular computer engineering. If I were ask if I had to start university over again, would I choose to pursue engineering, me answer would be: "NO!!"

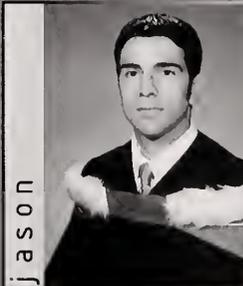


akira

isoda



jacob



jason

jacome



vineet

jain



michael

janiga

Much to her dismay, Godiva's conversations with the local newspaper...



# computer engineering

These five years have been an unforgettable life changing experience. I'll forever cherish the support and love of my family, the never-ending ups and downs of student life, and the memories I've shared with the friends that I've made along the way and will keep for life. Never forget to take the time to enjoy life, and that happiness is something best shared with others.



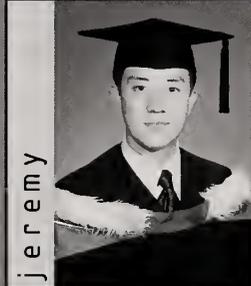
michael

jarema



samar

javid



jeremy

**JOE** I'm finally done! SKULE was rough, and I reached low points I never thought imaginable. However, the only reason I survived is due to the support from my family, CY, and all my SKULEmates who suffered with me: M.Chan, R.Ng, D.Nguyen, P.Woo, L.Luo, F.Hsu, J.Lo, C.Yip, T.Lee. Thanks! *"We shall draw from the heart of suffering itself the means of inspiration and survival."*  
~Sir Winston Churchill



fahad m. f.

kabir



gurjot

kaur

I'd like to thank God, my parents and my family for making everything possible, I could've never done it without you. And of course, the bigggggest share of my thanks to Tanu L, for being the awesome friend/sis throughout...and I gotta admit that I can prolly never thank you enough. I'll never forget the Skule days together... n those Ikonkars on paper. Yes, we've finally graduated (wg\*)!



alireza

khanpour a

Finally made it... but I couldn't have done it alone. Special thanks to the remaining posse (gc, at, dw, ah, chicken, vh, jj, aw), design team (sj, vl, jm), non-comp friends, hardcore ppl at the lab, the man who lived at skule, JunJun japanese restaurant.. we were in it together from first year and we trooped it to the end.. there are the profs too, can't get educated without those guys!



john

kok



tom

lai



eugene

lam

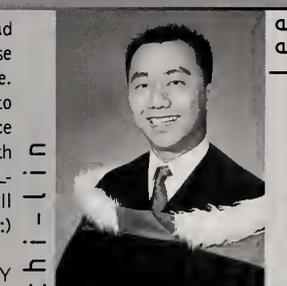
4 yrs hv passed faster than I cud ever imagine. I wanna thank God, my family and my frnds for helping me all the way. Gurjot, thnx for being a great frnd! I gotta mention da SF labs n ugsparc labs where I've spent abt half of my engg :) As I move on I am anxious n excited abt what's next? But as they say "Shoot for the moon. Even if you miss, you'll land among the stars"  
Adios UofT!



tanupriya

lamba

Finally, the end of the undergrad journey. Time flies in engineering. Those years went by in the blink of an eye. Many thanks to all that helped me to fulfill this most memorable experience in my 1st, 2nd, 3rd years and in 4th year -C.Y.-J.J.-B.V.-J.H.-J.K.-J.M.-V.L.-C.C-...J.C. Farewell and I wish you all the best. :)  
T.L. OT4+PEY



chi-lin

lee



florence

lee



hilton h. t.

lee



lucia

lee



sang joon

lee



tammy

li



fabian

lim



jian ye

lin

Walking towards graduation is one of the happiest yet saddest times in my life. I am excited to step into the next stage in life and experience what the world has to offer. Yet, I know that my lingering memories will continue to haunt the familiar labs, savoring the bittersweet moments of Skule. Special thanks to those who helped me through the rough periods, holding me up throughout these years.



vivian

lo

6/1 graduates

# computer engineering



dusan lovren



jun ma



paresh maisuria



aly mansour



amit minhas



jacky mok



johnson ng



boris nikic



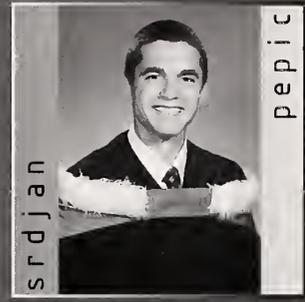
emily paa



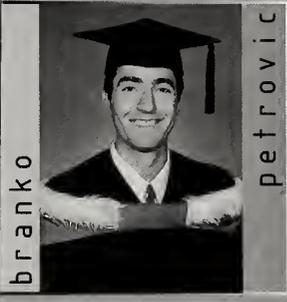
wai chung pang



han min park



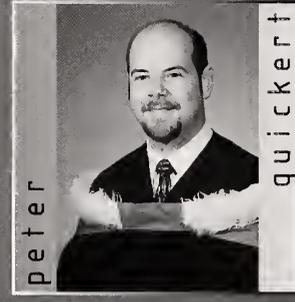
srđjan pepić



branko petrovic



clarence pong



peter quikert



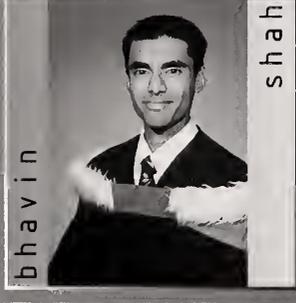
pavithra rao



vazrig saraphanian



fareha shafique



bhavin shah



charudutt shah

I have successfully earned what no one can part or steal - Education! 4 years of SKULE, TUBS, IEEE, CUBE mémoires will be cherished forever. I would like to thank my parents & my brother for their continuous support & motivation. Friends & faculty thanks 4all your help & guidance. OT5 V R truly great ppl with great minds & now that we have reached the shore we have the ocean to cross. Goodluck 2 everyone!

I'd like to wish everyone a successful career in the future. Shoot for the moon, even if you miss you'll land among the stars. Shouts out to: Alan, Andrew L, Andrzej, Angie, Brendan, Catherine, Helen, Jon, Karen, Khash, Mark W, Ravin, Sheena and Shruti. You've all made a difference in my life and I thank you all for that. We've all attained our goals, but I toast to the journey. Cheers.



shadanan sharma

As I look back on the road trip that I call Engineering, I vividly recall all the ups and downs of this INSANE ride! There were times I was on the side of the road with a flat, watching people zoom by. Eventually I was able to get it together with a set of 22 inch chromes, pimpin' down the highway! I made some great friends along the way, and I wanna say thank you for being there through it all.



taha saleem sheikh



ushnash shukla

# computer engineering



ian sin

kwok wong



almas

sottar



preetha

stephen



jonathan

sy



andrew

tam



aaron

tang



daniel

teng



brintha

thirukumar



carol

tong



jimmy

truong



peter

truong



kai-i

wang

It's funny how I'd feel an electric shock while plugging in my adapter, and the first thing on my mind wouldn't be my health - it's the thought, 'Crud. Don't short because I have to get this work done'. I owe a lot to my muse and supporting cast who taught me about balance, growth, and sleep (where sleep can be represented by a random Greek letter slightly greater than zero). Everyone wants to make an impact. Just in case you guys didn't know, you all made one on me. :)



cherie

wong



daniel

wong

YAARRG!! THANKS to all my friends in Comp 0T4/0T5, on the Toike staff, and all the people I've met at various random events and clubs for making my University years memorable. If I know you, then I'm going to miss you. Guaranteed. I'll also miss all the free pizza that's at every single U of T event. I...love you, free pizza. No. Don't cry, free pizza. Don't cry...we'll meet again someday...



alex

wun



mark

yamashita

"There are no facts, only interpretations"  
~Nietzsche



sally

yeung

Daily Promotion: Signup for a 20-year contract and get unlimited workloads and up to 4 months free-time each year.\* Finally a ; to my 20 yrs of study. These 4 + PEY years were INCREDIBLE for me. Met a lot of great ppl & learnt a lot of lessons besides from SKULE. They truly build me up for my next stage of life. Thanks!  
\*New activation only and certain conditions apply. Quizzes and exams are extra.



joel

yarascavitch



peter

yen

"Где это. где это я читал, как один приговоренный к смерти, за час до смерти, говорит или думает, что если бы пришлось ему жить где-нибудь на высоте, на скале, и на такой узенькой площадке, чтобы только две ноги можно было поставить, --а кругом будут пропасти, океан, вечный мрак, вечное уединение и вечная буря, -- и оставаться так, стоя на аршин пространства, всю жизнь, тысячу лет, вечность, --то лучше так жить, чем сейчас умирать! Только бы жить, жить и жить! Как бы ни жить, --только жить!.. Экая правда! Господи, какая правда! Подлец человек!... И подлец тот, кто его за это подлецом называет. До свидания, жестокий мир!"

raymond

yik



christopher

yip

B1 graduates

# electrical engineering



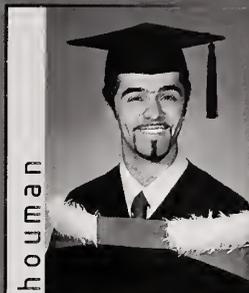
Joseph

abediny



walid

abu chacra



houman

akbari

And I graduated ...



hamed

ansari

Congratulations to ECE 0T5!!! The time has finally come to leave Skule™ behind and endure in the great adventures that life has 2 unfold. Thanx Mom and Dad and the rest of my wonderful family members for their moral support through these very difficult and stressful years in U of T Eng. Special shout and thanks 2 PT, NB, JJ, AI, BG, AV, KS, TH, BB, HMP ;) and everyone else. Keep in touch!! PARTY IT UP!!



kirk

attard



natasha

bagchi



usman

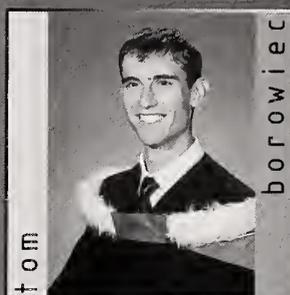
bhatti

I would like to thank Allah for all the strength that he has provided me. Respect 2 Uni peepz, wouldn't of made it without them: JK, SK, CL, SR, PM+AK, AA, LH, NS, RC+JC, RN, AC, SP, PP, SA, AN, PL, DW, PL, ST, AZ ... Memorables: 1st yr NEW, western, table, frosh nitez, monday nite, mosaic, montreal, fooz, 3rd yr Gerstein, CSA, LEDz ... shout out to my boyz ... Dreams keep us going & always will.



branko

boras



tom

borowiec



harpreet

budwal



brian

chan



davy

chan



joelle

chan



natalie

chan



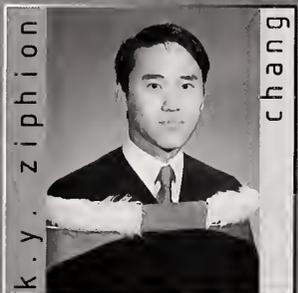
vivian

chan



gary

chang



k.y. ziphion

chang



alexander

cheng



jonathan

cheng

Booyeah, it's finally over! Well, I didn't exactly enjoy attending lectures or studying but I most certainly enjoyed all the fooling around I did with you guys. Thanks for those times. Good Luck everyone. Autobots, rollout!



roger

cheung



john

chong



venisa

chu



# electrical engineering



jackson

chung



steven

chung



elton

cronin



simon

deleon



duo

dong



paul

edelshteyn



mona

elayyan



jean

el-khoury



yasaman

faghhi



navdeep

ghotra



negar

habibi k.



david

he

UofT, you have opened my doors and my eyes with your lessons, be they lectured or unspoken. And my friends, thank you for sharing this unforgettable journey with me. It has led us to a crossroad of many paths. Until our paths meet again, farewell! "The Road goes ever on and on down from the door where it began. Now far ahead the Road has gone, I will go there, and back again."



"gg"

seung woo

hur



bahareh

irantalab t.



saeed

jafar-pour



alborz

jooyaie



shirin

kachchi



siavash

kazemian



avi

khullar

Who would have thought that after four years I'd find myself wearing an iron ring, managing one of this campus' finer newspapers, and writing my last exam? When I first set foot at U of T, I never thought I'd be doing any of these anytime soon. While part of me is sad that it's all over, I simply turn to Dr. Seuss to cheer me up. As he says... "Don't cry because it's over. Smile because it happened."



david

kobayashi



any

ku

s.k.u.l.e. seize.the.moment. know. your.potential. unveil.your.uniqueness. learn.your.imperfections. embrace.the.unknown. 5yrs have come and gone; beliefs challenged, perceptions altered. it has been an incredible journey of highs + lows, laughter + tears. thanx to everyone i met along the way who have helped scribe the pages in this chapter. cherish the memories; they do indeed last a lifetime.

73 graduates

# electrical engineering



cindy

kurniawan



juno

kwak



helen

kwan



benjamin

lai



louisa

lam



muhammad b.

latif



frances

lau

Four years in the ocean of numbers, Greek letters, electrons, and circuits. Battling the waves of exams, projects, quizzes, and labs. Sometimes floating, sometimes drowning, sometimes sailing, sometimes treading water. Now we've reached the shore. Thanks to my family, friends, and lab partners and congratulations to everyone!



tse fong

lee



tze hao

lee



marc

lesperance



cecilia

-- Wow! There goes the four years of Skule +PEY! Thanks to everyone who made this journey memorable. Skule, CESA, UTCCC, and PEY has made these 5 years memorable and fun. To my friends who have supported me: thanks for everything! I have grown much through our friendship. Good luck to all the graduates!



qiu ying

li



calvin

lin



wendy

lin



cecily

liu



pearl

liu

Memories = 1st yr Civ tut + 2nd yr CESA + 3rd yr laughing days + 4th yr labs + four years of countless # of p.s., quizzes and tests. Thank you to all who have been there for me and made me laugh. Remember that sleep is invaluable; equation is more than just an equation; happiness is the best thing that anyone can have. :-



xiao li

liu



kenneth

ma



babak

maghdoori



jason

martinko

I stand amidst the ruins of Rockefeller Center, and my eyes are as wide open as they've ever been. Memories of times good and bad, challenges, life lessons sometimes hard-learned, and through it all the people who stood by my side when they saw I needed them. Mom, Dad, Justin, Baka, Dida, IM, AM, SS, CS, GM, MR, ME, MW, RR, TV, VM & the 4175 boyz, thank you! I LOVE YOU ALL! Spiral out, keep going...



anant

mathur

# electrical engineering

jonathan



mendoza

I once thought of Skule as a safehouse from the real world; a place resembling a bridge connecting adolescence to the start of my true life- then I realized that this *is life*- with some lucky ppl knowing what bridge they'll travel through next. Thanks to my family for supporting my (2) travels, and to my friends who changed this trip from a dull commute into a memorable adventure.

daniel



mireanu

Great institution...enjoyed the studies a lot. Thanks to all those who helped.



yasir

mirza

ashkan



mobini

akram



nafee

arthur



ng

chuntian



ng

daniel



ng

george



ng

chao



ngian

rehan



noor

sarah



oliveira

Big thanks to Mom and Dad for always encouraging me to keep going and to never give up. Thanks to all my friends at Skule for the great memories we share, a shoulder to cry on, and an overall amazing experience. Good luck in all your future endeavours.

anna



pagliarunga

Never 2 forget the mad dashes to 2nd Cup b/w classes, pulling all niters, all day trips to Gerstein, Halloween craziness, LOTR, linear tutorials, many (belated) b-days. Thnx to my friends for making these past 4 years enjoyable: Karen, Angie, Alan, Jon, Helen, Donna, Christine, Jen, Shad, Cess and Sheesh. U guys are great! Thnx Mom & Dad for all your love and support and patience.

shruti



parekh

andrew



park

v=IR  
ERTW!!!

sang ho



park

Finally done! I had my ups & downs during the 4 years, but in the end I am leaving with all sorts of experiences. It was a pleasure knowing all of you! Hopefully all of us have a great career in future! Take care & keep in touch...  
abcdefghijklmnopqrstuvwxyz.  
I hope I did not miss anybody! :P

kiran



patel

z.



patel

brian



nannelli

7 Megabites

# electrical engineering

The past four years have been a lot of work, hopefully in the end it was worth it. We put in a lot of hours for labs, exams, quizzes but still had fun doing it. The time has passed quickly and I've made some great friends. Some memorable moments include: Lonestar, club announcer voice, megabites, spending countless hours in BA/SF doing labs, particular, not knowing whats going on, and RUGBY.



kunal

phalpher

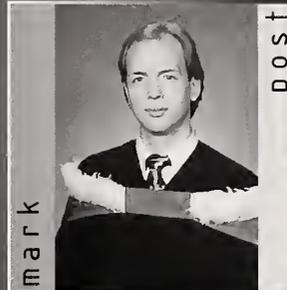
Thank you to: Shruti, Jon, Alan, Angie, Helen, Christine, Shad and Donna (in absentia.) From the early morning lectures to the late nights in lab, you make this place worth while.

*If you knew what you will know  
When your candle has burnt low  
It would greatly ease your plight  
While your candle still burns bright.*



karen

piercy



mark

post

As I write this, the last 2 and a half hours perfectly sums up my last 4 years in Electrical Engineering at U of T. I got raped on an exam, laughed about it with friends and classmates after, and know that I am that much stronger because of it. That, in a nutshell, was my experience these last 4 years at U of T. Now as I go forward, I know the exam will be forgotten, the friends fondly remembered, and the experience cherished.



giuseppe

rosati



navid

EE at UofT is so hard. U beta reconize! Getting voted class rep in 3rd/4th, 'Star w/ KPMW,AF, Raps games during projects w/ KP, and seeing KP, SZ & Joe 15hrs/day, are some memorable times. 3rd yr was hard as hell. I particularly enjoyed WW, Manfredi & Dimi. Shout out to Nazizi. Despite the work the 4 years, 4430 tests, 345 labs and 40 BIG exams have gone by fast, I'll miss it. I wish everyone luck.

sabet



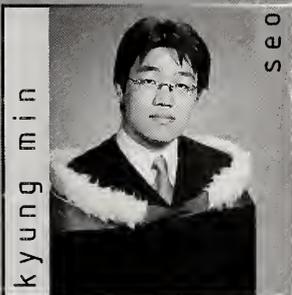
mohamed

salih



ji nye dona

seo



kyung min

seo



amir soheil

shafiei-monfared



alan

shek



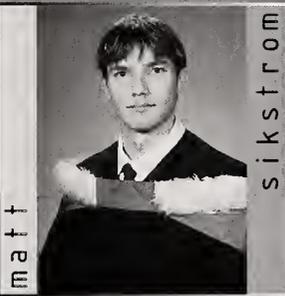
chao

shen



janhavi

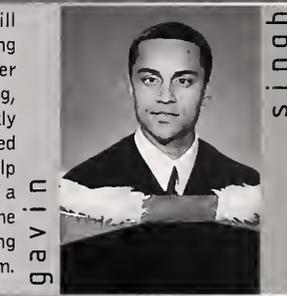
shirali



matt

sikstrom

After four torturous years here it will be a relief to leave this jail. Leaving here I know I'll appreciate the smaller things in life like eating, sleeping, exercise and most importantly freedom - since I've been deprived of these while I was here I can't help but feel as though I'm coming out of a cave and finally seeing sunlight for the first time... oh wait - I'm just thinking of the atrium.



gavin

singh



dripto

sinha

These four years have been a blessing in disguise. Thank you LORD for making it all possible. Thank you Mum and Dad for your love and support. Many thanks to all my friends in Skule for the wonderful memories and for helping me get through. May GOD bless you all.



sarama

soumyaraj



magdalena

stelmach



erik

tai

Skule at UofT was an amazing experience, one that I'll look back on in a few years. And when I do, hopefully I won't remember those all-nighters in ECF labs, insane work schedules and impossible problem sets. What I will remember are the heaps of great people I met, the friendships and the top class education I got. It was hard, but worth it. Good luck to everyone and keep in touch!



rohit

talati

# electrical engineering

It feels so good to finally finish these years at Skule. Special thanks to all of my loved ones and every one who helped me through each day. Your guidance and support will always be appreciated. Thanks for all the great memories! *"Happiness isn't something you experience; it's something you remember."*



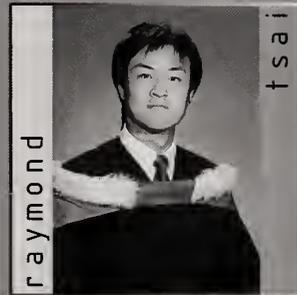
priya

tandon



jeremy

tay



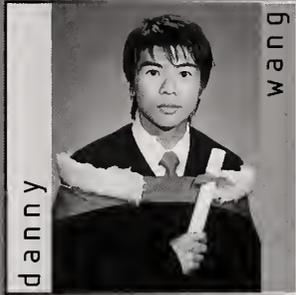
raymond

tsai



christine

wang



danny

wang



daniel

weitzner



roger

wong



jacky

wong



jinsen

wu



patrick

wu



richard

yang



xi

yang



tessa

yeung



michael

youssef



olga

yuryevich

Well, after countless struggles, weeks without sleep, endless complaining, and years of stress, I can finally say I'M DONE. Although, the work seemed never ending and impossible at times (well, all the time), the experience will never be forgotten. But most importantly, I couldn't have done it without the support of my friends and family. Love you all.



saba

zadeh

Aristotle once said, "Education is what survives when what has been learned has been forgotten." In that sense, I guess the "education" I ultimately will take away from U of T will not be the knowledge of some band-pass filter, triple-integral, fourier transform, finite state machine, etc. For me, it is the people who will leave their mark. They will remain in my memory long after I have forgotten how to take even the simplest derivative. The real world beckons. Adios, Skule!



daniel

zafrani



mona

zahedi

4 years in Engineering at U of T has been an unique and very memorable experience for me.



yifei

zhang



banafsheh

ziaei



melinda

zourntos

# engineering science

They say time flies when you're having fun & the last 4 yrs have most certainly crawled by. Thanks to: all my terrific friends who managed to keep class time from all but halting & breezed the weekends by (you know who you are), my family for their unconditional support, and of course to NSci-- although you left me broken, bitter & cynical, you introduced me to the greatest people I've ever known.

aizaz



ahmed

And now, and now...we made it! :) My biggest thank you goes to my parents & my brothers for their amazing support. I would be nothing without you. Thanks to my friends for the laughs, the memories & for always being there (even if that meant in a line behind me). And as you make your way into the "real" world, remember: "When on the ladder of success, don't let the boys look up your dress."

sarah



ali

stephanie



allen

mark



baldesarra

francois



bechette

dagmara



biskupska

stefanie



blain

justin



boulanger

bruce



cameron

lyndon



carvalho

rachel



chan

"There is not enough time to do all the nothing we want to do."  
~Bill Watterson (Calvin and Hobbes)

alison



chick

raymond



choi

I came, I saw, I should have run.

terri



chu

To summarize 4 yrs of NSci:  
1st yr: always wondering when's the end of the year  
2nd yr: design's not that scary after all.  
3rd yr: picked the right option? Not too sure.  
4th yr: lost, confused, and hopefully there's a job/grad skule in the fall.  
Thank you to all who have walked by my side these 4 years. May be you've just stepped in and stepped out. Nonetheless, you've made an impact in my life =>

virginia



chu

olivia



chung

4 tough years flies by in a blink.

barbara



cieslak

matt



cousens

sameet a.



dalvi

david



de koning

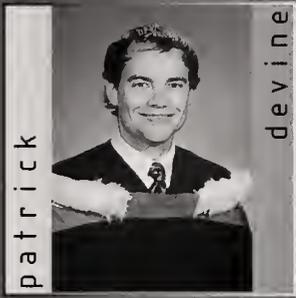
Since Godiva was the only person in Coventry who owned art, she was therefore the only one in town to pay the tax.



# engineering science



eric denzinger



patrick devine

4 years' EngSci is such a short time probably because I mastered how to forget bad memories. It was painful, but I learned so much in these 4 years. I want to thank my professors, parents, GF, and all EngSci fellows for their warm support and love.



min ding



laslo diosady



kristian dixon



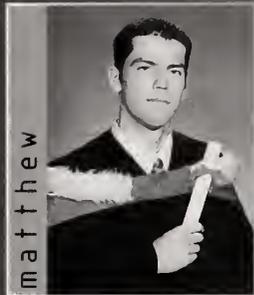
michael dunne



kathryn edwards



peter faltaus



matthew glenen

My five years of association with U of T Engineering have been laden with challenges and triumphs. To my fellow grads, I wish you all the best! To my friends who were with me in all those dark hours, congratulations! We've finally done it! To my family, without your unwavering love and support I would certainly not have made it. Thank you, I love you very much. Au revoir Skule!



alexander green

After 4 yrs of NSci training, I am officially a stupid nerd. Thanks to: parents, Yvonne, Andrew, Verna for the support. Buddies: Victor, Paul, Jim, Robert, Brandon, Oli. I had good times with you guys. Prof Eizenman for the guidance. Rachel, for always being there for me. I'll never find another girl like you. I promise I will cherish you. This is it. I hope all graduates have great future.



ron ho



jonathan hoss



ian howard



lejun hu

They say that time flies when you are having fun. Well the last 4 years have flown by me like a laying out defender on Torontula. Thank you to everyone who has made my time @ U of T the best experience of my life. To my dear parents: I love you. To my teachers: Thank you. To my friends: I couldn't have done it without you. And to my graduating classmates: May success be upon you. Cheers!



jonathan hui



nazim hussain

"The greatest education in the world is watching the masters at work" ~Michael Jackson. A university education has the power to make you laugh and the power to influence others. Use both of these to your advantage. Revel in your triumphs and learn from the purported defeats. To all the EngSci's, my only advice is to smile; at least it makes people wonder what you've been up to.



rohin iyer

I am greatly indebted to my Professors and my peers (class of OT5 & an OT4+PEY) who contributed to the profound learning experience I have had in EngSci, and I hope to make a lasting contribution to science as a Biomedical Engineer. Thanks to my friends for helping me survive undergrad & my family for being so understanding during many late nights! Just another step in the long journey to success...



ryan janzen

I spent 5 years of my lifetime within 4 years, but gained new life. Farewell, Waterloo parallel version of Ryan. It was an honour to be with all of you, who were classmates, friends, wackos and oracles. Stay with the course Skule has set for you, and join another world too. Then join two. Join all that bring thought and light toward the past, present and future.



david kam

What a strange five years it has been. I would like to thank my parents who believed in me, and supported me throughout this endeavour. I hope I have not disappointed. Thanks to all my friends; I am glad to have shared these years in your company. Best wishes to the graduating class of 2005.



bilal khalid

70 graduates

# engineering science

Just wouldn't make it through without you all. Thank you for everything. \*Hugz\* Stay happy & strive on!!!



sara

chor



howard

kim



laura

krick



ajay

krishnan



danica

lam

Four long, yet short years in this hellish, yet heavenly place. In the past years, I have met a lot of intelligent people who are unbelievably capable. Then, I realized the most important thing in life is to be who you are and cherish it. Hope this perspective will stay with me wherever I go from now on.

michael

lam

e='explain-quotes';  
n=[e(8) 'k'];  
g=[0:16 75 [8 9 9 10]\*10];  
s=[[0:16].^0.5 4 7 7 4 4];  
c=[0:70 75 85:100];  
i=[-[0:70].^2/1e3 -8 ...  
-8 [0:14].^0.5\*3.21-8];  
eval([e(13:4 11:12) ...  
'(c,i,n,g,s,n)');  
eval([e(5 2 6 14:15 ...  
1 9:10 5 4)]);



nicolas

lee



gabor

legeny



ian

leroux



catherine

li



james k.

li



timothy

li



yi-chieh

lin



aaron r.

linklater

My years here at U of T have been absolutely amazing and I will cherish all the memories. To all my friends and professors, you have all had a significant impact on my life and I thank you greatly. To my family, I love you dearly. Best of luck to everyone. Cheers.



angela

lo



jay

loftus



duan

mai

"It was the best of times it was the blurst of times." That pretty much sums up my experience here, and while I won't go into the worst of times, the best of times have been because of my friends. You are truly amazing people and what I take away from these 4 years are my memories of the good times we've had together, and to thank you all for making my time at U of T worthwhile. Lastly, I must extend my gratitude and love to my family, who have always supported me in all my endeavors.



matthew

marshall



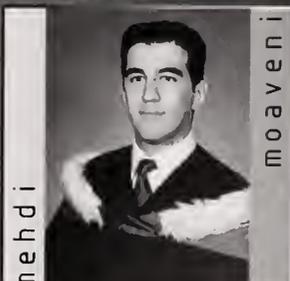
sandra

mau



heather

millar



mehdi

moaveni

# engineering science

chris



moraes

Chris fell into a quantum well, and broke his collar bone. An engineer should build a bridge, and leave the wells alone.

wael



moutassem

mandheerej



nandra

stefan



neata

eric c.y.



ng

eric p.

These last few years have been great experience, and I wouldn't have had it any other way. I would like to thank my family for their everlasting support. Thank you to all my friends and colleagues who have been there for me for the past 5 years. I couldn't have done it without you.

ng

herman m.h.



ng

My gratitude goes to all the OTi's (for  $i=3,4,5$ ) who helped me throughout the past 4+PEY years. Looking back now, I have changed a lot (for the better?!) since the beginning of this bitter sweet journey. Having gone through EngSci with some of the brightest young minds in the nation, the experience has certainly been memorable yet frustrating at times. Last but not least, I thank my parents for their unconditional support. ERTW!

judy



ng

"In memory's golden casket, drop in a pearl for me." Firstly, I would like to thank my parents and sisters for their love and support. Secondly, to my friends, I will never forget your patience and encouragement displayed towards me. Truly, it is not what I have learnt; it is whom I have met along the way. Finally, to the love of my life, Jimmy: you are everything to me, always and forever.

ricky m.y.



ng

eliseo



papa

symon



podilchak

Thanks for all the good times guys. I guess all those long labs, 9 am lectures and terrible midterms finally paid off. Congratulations fellow Engineering Science OT5 Graduates!

calvin k.w.



poon

graham



potter

arash



rassouli

sarah afsar



razaqi

todd



reichert

Through the good decisions and the bad, overall, I've really enjoyed my time at Skule. To my family, friends and all those who have put a smile on my face, thank you for the happiness you have brought. To Skule Rugby, may our reign of terror and trail of destruction carry on for years to come. To NSci, may you also carry on your reign of terror, so that our younger skulemates may too learn, through insufferable misery, the true meaning of humility. Finally, to our Skule Cannon, may your mighty roar forever lead our charge. Best of luck to all the grads; may the thunder roll and the smoke billow in our wake. Let's go show the world what Skule's made of!

rebecca



saari

... So this is my Who's Who. I've loved them all, one in particular. Bri. Best kisser? I can't choose: Collins, Barbeau, Ian, Las. Most brilliant? Angela. The cutest? Matt, Stef, Chris, Naz, Pat, SK, CM, SM, SB. My best buds from year 1? Bry, BriDave, Dre, El, Mop, Ivor. Who da PMC? Ian, Chris, DSN + all the fizz. Who made 3rd year make sense? No one found it easy at the time. It just seemed like confusing questions & answers w/out rhyme or reason. But it all makes sense when you see it in reverse!

chris



sapiano

781 gabriels

# engineering science



kristina savas



allison simmonds

So much has changed over the past 5 years. To my family: Thank you for your unwavering support. To the friends that have come and gone (and to those who for some odd reason stuck around): You have all made a lasting impression. To EngSci: You were a source of experience that I both lived up to and survived through. Family, friends and EngSci - I am who I am because of you.



natasha sunderji

Thanks to my Parents, and Sis, for all their support! 30 K for a piece of paper, 5 years of memories, 1 PEY in Japan, 32 exams, 1 DESIGN COURSE, incredible profs demi, cheng, park, abdel, collins. So many new and old friends. If I was to do it all over again? OF COURSE! Nsci is painful but now that I get the last laugh HAHA, Im finally getting that iron ring. Onto the next chapter of my life!



chung tak tam

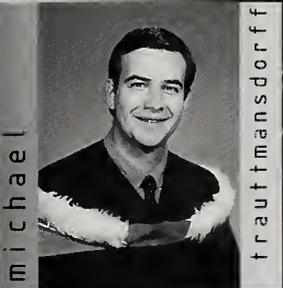


mark teper



angela tran

4 years & miraculously standing. 2 M&D: Your faith & support inspires me. I love you. Chris: You are my hero. 2 all NSCIs who saved my sanity, esp. Anne, Ash, Becca, Las, Heather, Hui & DD: thanks 4 selflessly helping me. Good luck in all you pursue. And to MY best, Jeff: all I ever wanted was to find myself with you. I love you. A new horizon is in view. One love, peace & happiness always.



michael trautman



adam trumpour

5yrs @ Skule™ - no sleep, crippling work, amazing friends & great memories- Capers, Bnad, Kaboom, Archives, Suds, F!rosh Weeks... I learned more than I thought possible, and most of it wasn't from class. To my family, thank you for your love & support. To all my friends, thx for the good times & for keeping me sane!!! To da' Bakery, it's been awesome; 263 for life. Thank God I survived! AP signing off



daniel tsang

Go Leafs Go!



peter versteeg

Despite what you might hear NSci was totally worth it. Every minute of it. The profs made it challenging, but the people made it fun. Skule as a whole was awesome and it brought many friends who I'll miss. Hopefully I'll see some of you again on one of my next big adventures. Till then, keep smiling.

Yay! I'm done with Skule :)  
I'm sure I'll miss these 4 wonderful years of undergrad, especially 3rd and 4th year as a Biomed.  
Big thanks to everybody who made them so special :)



ashwin wagadarikar



eileen wan



qinghua wang



guowen wei

Big thanks to everyone for the past 4 incredible years. It was truly an amazing journey and knowing you made it all the more wonderful. As we embark on our journey through life, I wish you all good fortune or as certain science fiction figure would say "Live long and prosper".



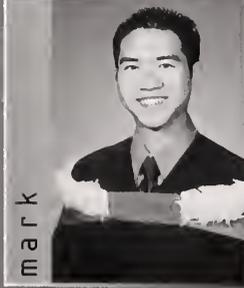
jessica whiting



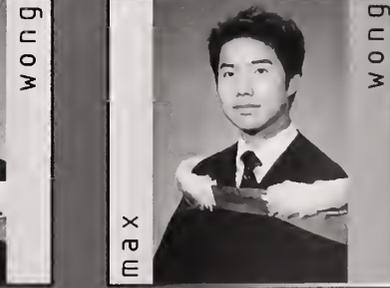
david wilkes



kelvin k.k. wong



mark wong



max wong



# engineering science



alister

WOOD



alice

WU

Except 1st year, which I suffer a bit from transition, days in the last 3 years have passed w/o a blink. Now, as an engsci graduate, I'd like to say a few things: 1. I want to thx U of T for this EngSci program. I really do enjoy studying in it (except design). 2. I want to thx my EngSci friends for the joy they brought to my life. Last, I want to sincerely thx my family for their unlimited care. To my dear parents, I just won't be the way I'm now if you aren't with me for 1st 20 years of my life.



jimmy

WU

First of all, I would like to thank mom, dad, sis. Thank you for your endless love, support and patience; I would never have gotten this far without you. To my friends in Eng Sci, thanks for helping me through all the labs and assignments. We finally made it. Finally, to the love of my life, Judy: you have been the highlight of it all, and I can't wait to spend the rest of my life with you.



victor

WU



ivy m. q.

yang

I would like to thank the following: Ryan, Aileen, Allen, Duan, Stephanie and Weilun who are my best friends ever; Alice, Ashwin and Rachel who help me in my study; all the professors who taught me intelligently; and finally all the EngSci office staffs who offer me helps. To end my Grad message, I want to say: I love EngSci, and I am proud of my EngSci identity.



wallace

yang

A degree is more than just a piece of paper, more than just a robe, more than just a career stepping stone. It is a gruelling knowledge climb to some plateau that requires all the helping hands of family and friends. What I have learned inside the classroom, I have applied to exams. What I have learned outside the classroom, I shall apply to life.



will

yuen

Airline Food, Problem-Based Learning, and EngSci Life will forever be classical oxymora. I wound up here by some twist of fate; and it had been a pleasant stay, despite the all-nighters, bad haircuts, and dead squirrels in Queen's Park. Thanks to all who made Toronto a less terrible place to live. =>

"You see, calculus is like duck soup."  
- E. Barbeau



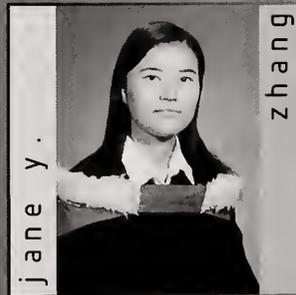
mohsen

zarkesh



nan

zhang



jane y.

zhang

If you love him, send him to NSci, coz it's heaven. If you hate him, send him to Nsci, coz it's hell. When I experience it, feelings are always so ambivalent. When I look back, only sweet memories last. Thanks to all who gave me 4 years of sweet memories No matter where I go, you are engraved in my heart.



robert

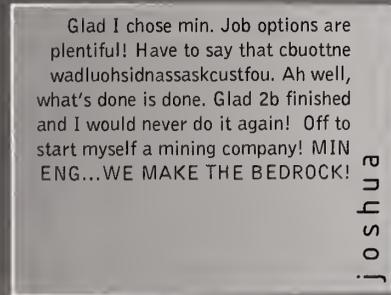
ziman

# mineral engineering



armita

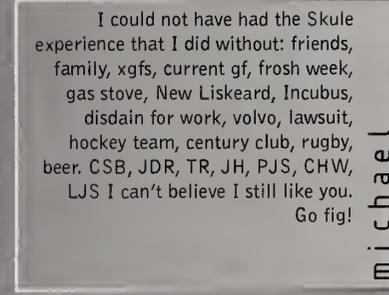
azari



joshua

clelland

Glad I chose min. Job options are plentiful! Have to say that cbuottne wadluohsidnassaskcustfou. Ah well, what's done is done. Glad 2b finished and I would never do it again! Off to start myself a mining company! MIN ENG...WE MAKE THE BEDROCK!



michael

I could not have had the Skule experience that I did without: friends, family, xgfs, current gf, frosh week, gas stove, New Liskeard, Incubus, disdain for work, volvo, lawsuit, hockey team, century club, rugby, beer. CSB, JDR, TR, JH, PJS, CHW, LJS I can't believe I still like you. Go fig!



w. gordon



ashleigh

meyer



paul

ratte

8/17/03

# materials science & engineering



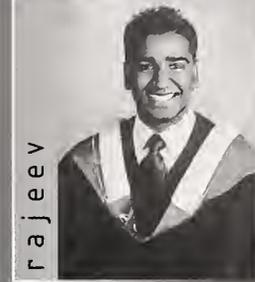
ahlawat

I can say that @ the Buffet of Life I always have too much on my plate. SKULE has been no exception to that. It has been fun being in MSE despite all the dumb moments. MSE OT5 will leave an indelible mark on my psyche (as will chromium). Our class was the bomb, and i will miss all of you - my friends - and the time we spent together. Hopefully our paths will cross again. Until then I wish you all the best!



muhammad-maaz

alam



rajeev

amirthanathan

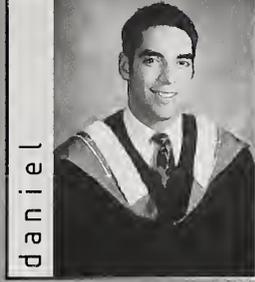


anthony



pooja

bhardwaj



daniel

bielby

Thanks to a bunch of people for putting up with me thru all these years. To my family: thanks for being there. It's your everlasting love that gives me the ability to keep going. To my friends: thanks for all the support, advice and FUN. Thanks for being there, lending me a shoulder to cry on and an ear to listen to. Your friendship makes me feel truly special. To MSE OT5 people: Congratulations! I wish you all the best!



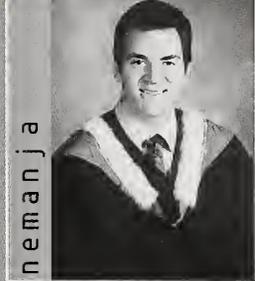
flora

chang



chau

"Sometimes you do something, and you get screwed. Sometimes it's the things you don't do, and you get screwed." So this really is the end of the beginning? Thanks MSE OT5, that was one hell of a ride. Much love goes out to all my bros (and sis) of Club 36, Taco brother, The Black Hand, and inexhaustible cousins. Keep the scotch flowing and I'll see you all at the top of Gold Mountain. \*Click\*



nemanja

danilovic



shelley

fong



felix

hong

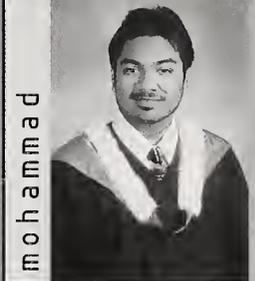


hu



tanya

hunt



mohammad

khan



nigel

knott



kwan



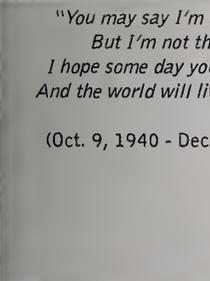
melissa

kwong



nick

lee



joseph

"You may say I'm a dreamer  
But I'm not the only one  
I hope some day you'll join us  
And the world will live as one"  
~J.W.L  
(Oct. 9, 1940 - Dec. 8, 1980)

leo



cheng tsang

lin



fangfang

It's been an amazing 4 years for me being among MSE people, especially my CLASSMATES. Everyone's so unique, so great, and so funny. I will never forget the surprise Birthday party they gave me after 207, including Kitty pretending to go to the washroom ^^ hahahaaa... I have made life-long friends here in MSE, I have experienced terrible exams in Engineering, and finally, I am graduating!!!



# materials science & engineering



tolulope a.  
ogundimu



john robert  
sandness



charles c.h.  
soong

Shiehk, Sabri, Beth and Alison, proof of our history of defiance and unity.  
The class I love. Of course, the drinking didn't hurt either...



kitty k.y.  
tai

Believe it or not... I finally graduated. These 4 years was like torture for me. Luckily, I have my family, my 2 lovely sis (FM, FC) and, of course, my sweet and handsome boyfriend to support and care about me. Because of these people, my 4 years in hell (err... Engineering) was fun, enjoyable and will be unforgettable. I love you all.



diana grace  
tan



max andrew  
wiener



vincent j.  
yan



travis  
yim



laszlo  
zsikai

# mechanical engineering

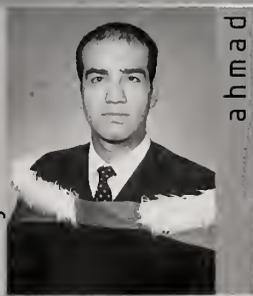


wassim  
abu-zent



kwong-mun  
achong low

Thanks to the Almighty Allah, my beloved parents and brothers, and Pakistan. I'll remember: sessions at Med Sci, Tartu, Pizza Pizza, all nighters at BA, Tony's Vietnamese Gig, Andy and Ryan's Food, Mike's stripping, Ethier's "Nasty", Bonert's "Okie", and last but not the least, my buddies Fawad, Sulli, Herman and Albert. Khuda Paiman!



shujaat n.  
ahmad



nafees  
ahmed



amirreza  
amighi

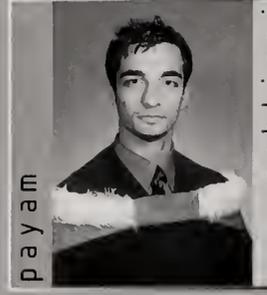


gary  
andal

My rant starts with, "I can finally leave this black hole of a school!" However, this is insufficient: there is more that has festered in me these past 4 years. I have been engrossed by the stench of Black Galbraith Building. It has wreaked havoc on my eternal essence. Though without it I would not have seen such beautiful skies nor have sailed across the blue rich oceans: this, I am thankful for.



albert p.  
ashamalla



payam  
ashtiani

# mechanical engineering



justin o.

awoyomi



nimesh

bahl



sean william

burrowes



wing him

chan



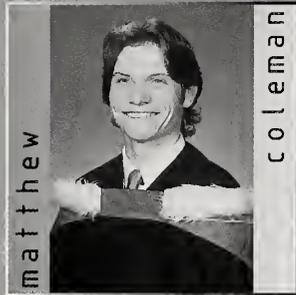
andy h.s.

cheng



john j.h.

choi



matthew

coleman



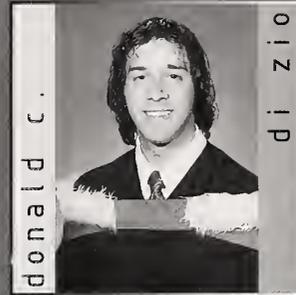
alireza

dalili



endi

deda



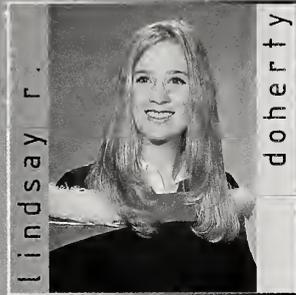
donald c.

di zio



daniel

dietrich



lindsay r.

doherty



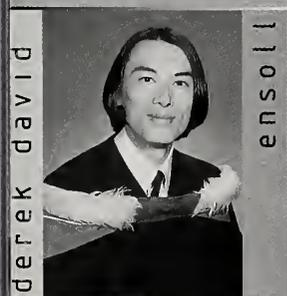
johann

d'souza



rashmi

dudhani



derek david

ensoll



thomas a.

furst



hosam

hassan



andrea m.

ho



chui s.x.

hung



dae-yeon

hwang



amal

jina



abhinav

kalsi



andrew h.j.

kim



min-woo d.

kong



chris

kosloski

Thanks for all the good times. Skule has been a blast, I really felt at home here and made a lot of great friends. SCH and the rest of my boys, II VI III pranking and exploring, Pittsburgh, Cottages!, Mech Club Chariot, Cannon, Bnad and Cursed things; you've all helped me learn a lot about life, but more importantly a lot about myself. I'm going to miss everything, now it's time to move on.



jeffrey

kwan



# mechanical engineering



raymond lam



karen lee



morel leka



andy leung



michael liberzon



sam liu



alexander mandatori



amir gamal maria



christina mariani



zachary martin

"Renaissance Man, Zach Martin, has rocked Indy, Mech, and Nψ. When not tuning his own Sexy Phone for the Stage Band, his obnoxious gases can be smelt at the U of T Dance Club or in grande olde New Liskeard. This Cannon Editor has been the backbone of Skule, holding together the trifecta with his legendary giant callipers."  
 - NT aka SuperWoman



dino massimi



andrew munsch



clayton nagy



joseph nonis



kaushal patel



armand pede



shaun pinard



yulia portna



herman rai



shiyam ramachandran



alan rashkovsky



sanaz rasouli



sara rastegar



philip rayham



michel savoie



akash shangvi

# mechanical engineering



peter

shen



adam

sinclair



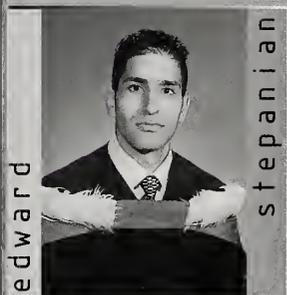
sukhmeet

sondh



filip

stefanovic



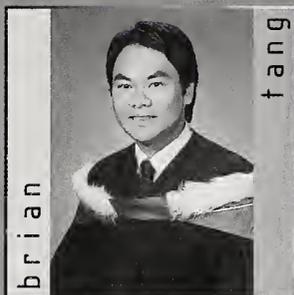
edward

stepanian



mary angela

sy



brian

tang



shawn

tham



derek

thong



dilesh john

thuraiatnam



david

tiedje



nathan

trainor

Some of us took different paths to get here, but we're finally done!!! Thanks to friends and family who helped along the way. Tuum Est.



xinru

wang



shevonne

wharton



steven

wong



pauline

wong



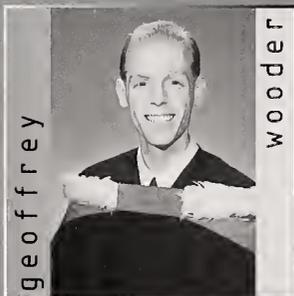
patrick

wong



brendan

wood



geoffrey

wooder



jason

wu



kah fai

yap



de yuan

yeo



daxin

zhao

It's alllllll good!



jerry

zielinski

She reminded her unenlightened husband that the naked body was the simplest and most basic form of design.



# industrial engineering

**mahsa** **afghahi**



I can't believe it's finally over. Special thanks to maman and baba. Baba jon, maman jon, I couldn't make it without your love and support. My brothers and sisters, M,M,A, you were all there when I needed you and I thank you for that. Also, I want to say to my friends from all around the world, specially MA,NJ,NR,SZ,NT and all my friend in Toronto especially AN, you guys rock, I love you all.

**ahmad** **ahmadzai**



**arno** **arno**



4 years of suffering, but finally we are we are the engineers!  
"Kami menggoyangkan langit, menggemparkan darat, dan menggelorakan samudera agar tidak jadi bangsa yang hidup hanya dari 2 1/2 sen sehari. Bangsa yang kerja keras, bukan bangsa tempe, bukan bangsa kuli. Bangsa yang rela menderita demi pembelian cita-cita"

**patricia** **patricia**



Yay to graduating! After 4 years of painstaking torturous work, I've finally made it to graduation! I've had lots of fun over these past 4 years and I'm leaving with many great memories. I'll miss you all! Best of luck in your endeavors. LONG LIVE ENGINEERING STORES!

**ilan isaac** **bahar**



**hulya bike** **balkanci**



**berger** **berger**



Unbelievably, 4 years have already gone by. Each year has changed me and taught me so many things. To the ones I love, to the beautiful people who have graced my life; those who've taught me more about myself than I ever thought possible; a thank-you is not enough. The hard work, partying, and all the memories are unforgettable. But I'm finally finished! I did it! Let's see what my future holds....

**yehuda** **blumenfeld**



**chan** **chan**



Mommy wow, I'm a big kid NOW!

To cheat  
To be bitter  
+ To hang on like a leech

Me & Iron Ring

Invasion of the HoBoS!

**frederick** **cheng**



**aniruddha** **chudasama**



**valerie ann** **clark**



**christian** **coulombe**



**paul** **dabrowski**



**pavankumar** **dadlani**



**julia** **david**



**hazel** **de mello**

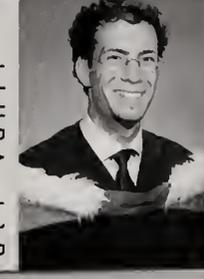


Thanks muchly to my friends, without whom, I never would have survived the past few years! There were some hard times, and because of you guys, I was able to breathe a little easier (that means you, jenniebee!) One day, I'm sure we'll look back fondly on these memories and smile (and laugh!!)...but until then, let's just grab those pieces of paper and run like the wind! toodles noodles. ~Berry :o)

**lloyd jeevan** **d'souza**



**ali vahit** **esensoy**



# industrial engineering



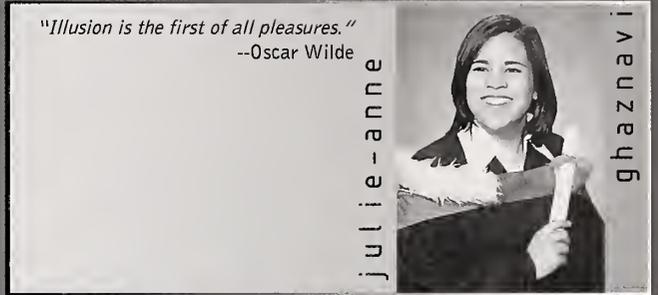
shiromala

geeganage



elias

ghazal



julie-anne

ghaznavi

"Illusion is the first of all pleasures."  
--Oscar Wilde



elizabeth

go

It's time to face the real world now! I can't believe we're graduating, it feels like just yesterday I moved into TO & met my friends! Thx to my 2 best girls, LISA & ANGELA. I wouldn't have survived without you. Thx to my bf Csilla! Loveyah girls. Shoutouts 2my CSIE conf.committee! Thx to my family for helping me through, & special thx to Rich, you're the best! Good bye2skule 4eva. With Love, Liz



shoshana

hahn



samuel a.

handoko

Going to U of T widened my knowledge base much more than ever expected... I mean, 5 years ago I didn't even know sports like broomball, innertube waterpolo, and floorball existed... I also had no idea that I'd like being a soccer goalie, or that field hockey and lacrosse were really fun. Lastly, I learned that no matter how hard I try, I'll never learn how to jump! Oh ya, I learned stuff in class too.



shauna

hickey



leo k.c.

ho



mark m.

horbal



olga lucia

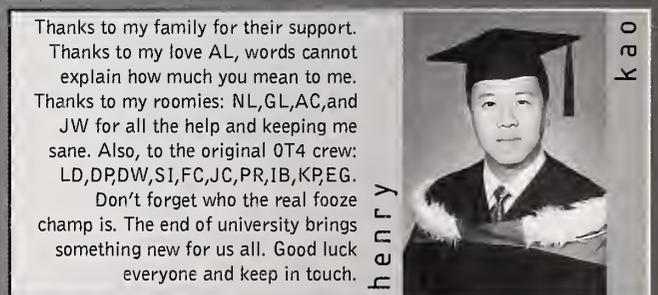
hormaza

After all the sleepless nights and 800 cups of coffee WITH STRAW its finally over! Mami, I would have never got this far if it hadn't been bc of u:THANK U! Sweetie, u r the best!The wisdom, friends&experiences at UofT will remain part of me forever,but for now I will just concentrate on finding more sun, more fun, more dancing, more living the good life that I've been missing during the last 4 years...



bhairavi

jeganathan



henry

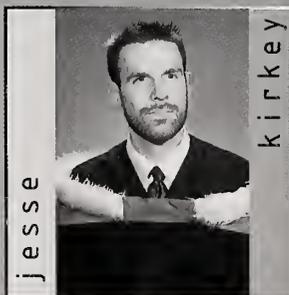
kao

Thanks to my family for their support. Thanks to my love AL, words cannot explain how much you mean to me. Thanks to my roomies: NL,GL,AC,and JW for all the help and keeping me sane. Also, to the original OT4 crew: LD,DP,DW,SI,FC,JC,PR,IB,KP,EG. Don't forget who the real fooze champ is. The end of university brings something new for us all. Good luck everyone and keep in touch.



talyn

kazazian



jesse

kirkey



angela l.y.

ko

My love to those who always believed I could reach the stars, even when I couldn't see it for myself: Mom, Dad, Anita; NC/CL/MC/VW (thanks girls); JN/GL (whose promises that things always work out in the end gives me strength); EG (who's seen me thru my best and worst); PC (for the laughter), all of INDY OT4+PEY, & all those who've truly made a difference in my life and may not have even known it.



joseph

kong



sara

krikorian



alexander

kuo



mimi y.m.

lai

...and that in both ancient Greece and Rome, the subjects of most sculpture were women



# industrial engineering



christopher  
lau

Hey Everyone! I've had a blast at UofT, Indy OT4 class and OT4+PEY was the best! CSIE conferences, early morning ball times, and of course happy place! I believe we're all going to have great successful careers and really hope that we can all keep in touch. If you're ever reading this and want to give me a shout, please go right ahead, I would love it! gilbertk.lee@utoronto.ca  
GO RAPTORS!



gilbert  
lee



gina  
lee



danny k.c.  
leung



michael  
mancini



miguel angel  
menendez-godoy



elisa  
mirabelli



jonathan  
mok

Time seems to go as fast as it feels like yesterday I had just started my journey at UofT. My BA Degree after 4 veryyy tough years is over; hopefully the next 4 years will be easy ;))))))))))))))  
Thanks to everyone (including MAMAN o BABA and my SHARRR) who made this stage of my life an endurable and successful one; without them, I would never come this far.  
To the FUTURE!!!



alma  
nodouzi



erhan  
osman



kavi  
patel



paolo  
petricca



domnyck  
prasad

Not only I am leaving U of T with a degree... but with "friends-for-life", "dreams & aspiration to succeed" and "confidence to achieve the world"!



pavel  
rahman



christopher  
rampaul



zahra  
rejali



olivier  
riboux



kavaljit  
sandhu



mitthoo  
sharma



mahsa  
shateri

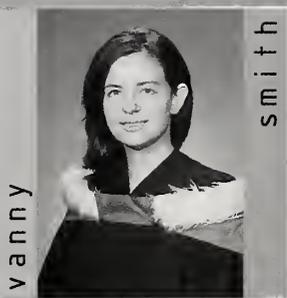


justin w.y.  
sit

88 graduates

# industrial engineering

I want to thank my parents and my parents-in-law for all the love, support and patience during these years Marcelo you are the best (y el mas rico) I love you. Madi, finally just you and me now!



vanny

smith



stanley c.c.

so



amie

tam



anthea w.t.

tang



joanna

tountas



ali

toyserkani



bahareh

vaez ghasemi



richa

varma



yuqing

ye



robin h.

yu



li

yu



shen

zhang

# also graduating

## chem

ain alpuerto  
ffrey chan  
ark connell  
avid freeman  
ephania lau  
onica lee  
nee mahalnobis  
drew mancini  
lam f. ragib  
tinder sanghera  
stin shin  
tinderpreet singh  
evor wartman  
vin k.y. wong  
an weng wu

## iv

lal bawab  
aniel d.m. carley  
ayton s. davis  
avid a. fegan  
like galio  
iver u. gonzalez  
rsten groody  
ranjit s. hara  
hn w. hourihan  
yan johnson

## comp

greg anthony allen  
adam blanchard  
peter hok-hin chan  
anwar chaudhry  
james shu-hen chen  
shu chen  
tian yang chen  
vincent y. h. chen  
yun-tai chung  
przemyslaw czajkowski  
cynthia dahl  
ji adam dou  
wei mark fang  
ryan faulkner  
ivan fong  
mark l. greenberg  
rajat k. gupta

avery pern-por haw  
benjamin hazelwood  
diep stephen hong  
jaber h. howlader  
mohammed i. ibrahim  
alvin ihsani  
bede rajeev ivor  
bhavesh khatri  
khashayar khavari  
andree-anne leduc  
richard lishingman  
grace liu  
ian yen wen liu  
christopher lo  
chi kin ma  
pak ho mak  
grant james meier  
aly merchant  
keir mierle  
nima nourhaghighi  
marek olszewski  
rajesh s. pasricha  
meghal h. patel  
vimal patel  
paramjit s. pawan  
jonathan pinto  
mohammad s. qureshi  
rene-b ramkhelawan  
farhad sadeghian  
mu heng seow

## elec

jeffrey bloemink  
roberto bucciarelli  
bradley burchat  
marie exarchakos-zourntos  
faiz aslam-ali hirani  
imran hossain  
an hu  
tony huang  
samuel jo

royston s.f. sequeira  
kevin ho-kuen siu  
sellathurai sriganesha  
sergio c. y. suen  
rodney sullivan  
qian ying tang  
jim thanos  
yat-ming to  
simon siu-tai tse  
ankita verma  
hervin vila  
rabin b. vongpaisal  
zhe wang  
kai hin wong  
andrzej wysocki  
lingqiu leo xie  
paul h.k. yeung  
chun tao zhang

## nsci

mohammed ajmal  
alexandre m. ayers  
waleed ayoub  
brendan barnett

aditya kaul  
ajmal khan  
sri v.s. kusenthiran  
the hoa lam  
laszlo f. lemhenyi  
vuk magdelinic  
omar javed mian  
olivia miloj  
jean-paul morson  
lwan musyria mota  
terry oh  
jonathan polak  
timothy preager  
mohammad t. rafique  
sean ray  
akthar samsudeen  
swaminathan sekar  
lamia tchoketch-kebir  
pradip john thachile  
russell verbeeten  
chih chang e. wang  
steven jian xin  
nader zaag

patrick bhola  
bhavin bijlani  
michael bregin  
ching hin chan  
nigel chan  
jason chang  
peng-yu chen  
shi jing jina chen  
yi-chen chiu  
jeremy peter  
hattie z. dong  
frederic dupont-dupuis  
michael anthony  
jonathan hillel  
chao chien hou  
leo hwang  
zalan kemenczy  
graeme kennedy  
justin kien  
brandon w. kwong  
martin lau  
matthew lederle  
john lem  
leo c. leung  
isaac t.s. li  
amy wei lin  
piotri lizon  
genevieve mak  
michelle mok  
adam micah

## min

mostafa alabaf-sabaghi  
ping hao chang  
laura chuba

nadarasa nimalarasa  
meredith noble  
caitlyn erin paget  
peter park  
andrei pasculescu  
kristofer pataky  
matthew paterson  
andrew s. paton  
jennifer pollock  
aly shivji  
devln a. singh  
boris spokoinyi  
yedi sun  
liviu tancau  
roy thistle  
gershom tse  
erik watson-hurthig  
daniel wong  
joanna c. h. wong  
joyce wong  
winnie w. l. wong  
winson yick  
jason zebchuk  
nan zhang

## mse

neil v. uppal

## mech

mohammed alam  
chad annett  
nariman askari  
jacinta borra  
anne-marie bundgard  
kevin fernandes  
jeremy koudelka  
peter b. kranz  
yaroslav lebed  
brian k. lew  
xia brian li  
adrian martin  
kristopher morra  
elliott morrison-reed  
nicolas moussios  
payam najafi-ashtiani  
syed z.a. naqui  
kam yip ng  
ivan v. nikolaev  
erin morrow osborne  
mikolaj n. piatkowski

## indy

stefanie ahchong  
mark henderson  
leo keng-chi ho  
nazar hossain  
adriane shi wen lau  
trevor kenneth nga  
rainer paredes  
rubajyat rubin r  
shovana diana sin  
dennis woo  
haoliang rody yk

She reminded him of the Christian belief that God placed both Adam and Eve on this very earth, completely alone.



# iron ring







eng soc r

5000 78

eng

student

academic

vp. community service

student life

finance

archivist

community service director

eng. comm. chair

speaker

sponsorship director

director

webmaster

club — gold chair

campus newspaper editor

club editor

yearbook editor

# Engineering Society

# engineering society staff



**Mohan Doss**  
Engineering Career Office Manager, OT4-OT5

The Engineering Career Office (ECO) had a very successful year in terms of services offered to students and to engineering employers. The ECO had organized the engineering career fair on the 23rd of September 2004 and this year the ECO was able to market and recruit an unprecedented number of Engineering employers making the event one of the largest engineering career event in Canada. This year the ECO also handled a record number of engineering employers by helping them post jobs, conduct corporate presentations and campus interviews. Also, close to 500 students used the ECO's employment counseling students and about 400 students participated in the career development workshops and seminars.

Overall it has been a very successful year and the ECO's owes the success to Lillian De Mello, Dan Mireanu, the student volunteers and to the faculty. The ECO would also like to specially thank Barbara Ellenson in the Engineering Society Office for her administrative support to all of the ECO's activities.

engineering career office manager



**Barbara Ellenson**  
Engineering Society Office Manager, OT4-OT5

"Bling" is definitely the word for this year. It really has been a busy and productive year here in the EngSoc office and I have enjoyed every moment of it. Between room bookings and our expanding equipment library; lockers and Grad photos; donuts and pizza, the office was a veritable hub of activity.

The executive has been "bling" to work with this year with everyone working together with focused cooperation. This allowed a lot of work to get done in a relaxed atmosphere and you can tell by my "bling" smile that I loved it. I really had a great time working with Todd, Don, Peter, Dan and Chris. Now if we could just get Facilities and Services to fix the over-heating problem...

Highlights of the year included another great Orientation run by Mike, the trips to the Farm, Kingston & Oktoberfest, Skydiving (!), Todd off to a marathon in Ireland, a fantastic fundraiser for the Special Olympics run by Faizal, Cannonball (in one of the most beautiful venues ever) and of course GradBall and graduation.

To those graduating, all the best and I'll miss you, and to those returning, have a great summer and I'll see you in the fall. And to all, hope your memories of this year are as "bling" as mine and just remember to enjoy life every day.

engineering society office manager

# engineering society president

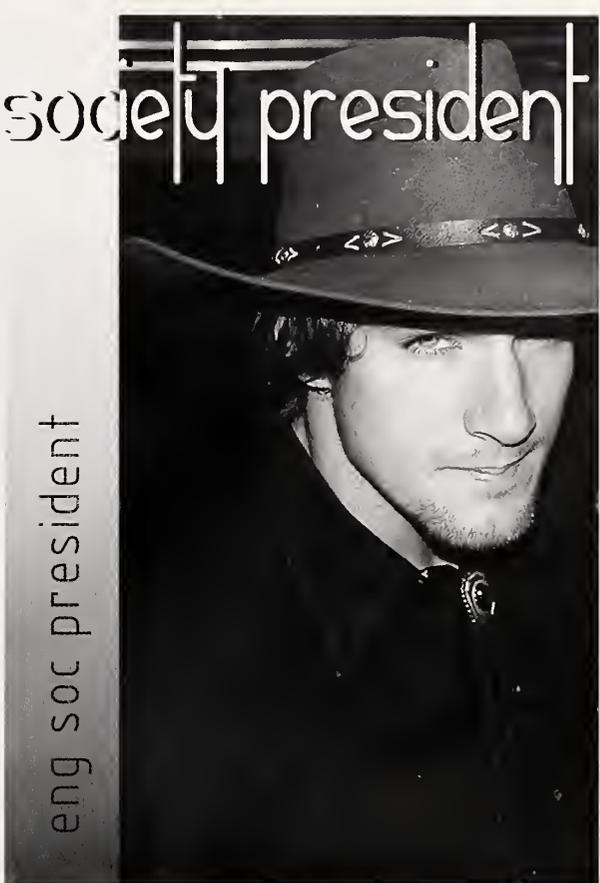
Our goal as the Engineering Society is to encourage a community where every student can expand their horizons and be involved in something that they enjoy.

The greatest thing about the size of the UoF is that there are so many opportunities for the diverse interests of our students. This year, one of our main objectives was to encourage and support the many affiliated engineering clubs (CESA, Concrete Canoe, Engineers Without Borders, Solar Car, etc.) that have developed over the years. Securing over \$40,000 for these clubs from the Student's Administrative Council was a great accomplishment towards this goal.

Another objective relating to our students' diverse interests was an attempt to make Arts & Science minors available for engineering students. Though the process is still continuing, by the time you read this Skulebook, Faculty Council will have passed the first motion to recognize minors and be well on their way with the towards being able to offer a more well rounded curriculum. Though I consider our size and diversity one of our greatest advantages, the tough part about being so big is getting all of the different groups to work together and to feel like they are all, collectively, part of the same Skule™. I sincerely hope that the direction we have set regarding the Society's involvement with affiliated clubs will push towards a more unified community. Further towards this goal, we have set in motion the amalgamation of the EngSoc, Discipline Club and Faculty Council class reps to improve our communication with the different groups and with the students. Finally I believe that the Atrium Renovation Project, which was started at the beginning of this year, has incredible potential for bringing students together and developing a closer more personal community.



It has truly been an honour to serve this past year as President. The traditions and accomplishments of our Skule™ community are nothing short of incredible, and it is from this that I draw my source of pride. From raising over \$70,000 dollars for charity and claiming the Regional award to winning the entrepreneurial category at the Canadian Engineering Competition, our students have proved their resourcefulness. Our top-ranking intramural sports teams, as well as our internationally-ranked engineering design teams, are a testament to our diversity and dedication. It is this dedication from so many hundreds of students that I must thank for making Skule™ what it has become.



eng soc president

Todd Reichert  
NSCI Aero OT4 + Film  
Eng Soc President OT4-OT5

There are also a large number of people that I would like to thank for what they have done for the student experience this year. First, I would like to thank the vast number of leaders that have taken on roles as EngSoc directors, Discipline Club Chairs, club/group/association presidents, sports team commissioners, class reps and the many volunteers involved in with these committees. I would like to thank our Dean Venetsanopoulos, Vice Deans Greg Evans and Steve Thorpe, Barbara McCann and Georgette Zinaty with the Faculty, as well as Marta Ecsedi, Jim Webster, Mary Butera and Malcolm McGrath in the alumni office for their continued support for our initiatives and for taking the time to truly care about the students. Thank you to our indispensable office manager Barb Ellenson for consistently making all of our lives so much easier, and to Mohan Doss for the exponential growth that our Engineering Career Office has seen in the past few years (we will be expanding further and hiring a second person next year). I would also like to thank my fellow officers, Peter Suddard for all his work with the Affiliated Clubs, Christopher Doan for his ideas on communication and transition, Dan Mireanu for a whole new line of academic services, and Don McAuslan for taking care of us and being our mom away from mom.

To those of you who still have a few years left, I hope you enjoy the opportunities that have been made available to you. To those of you who are graduating, best of luck in all your future endeavours, never forget your roots, and may your obligation on cold iron guide you through a fulfilling life.



So impressed was Leofric with his wife's courage to stand up for her beliefs that he proclaimed



# engineering society officers



vp academic

Dan Mireanu  
ELEC 0T5  
vp academic 0T4-0T5

As you may know, this was the first year that the position of VP Academic existed. Portfolios were split up, headaches occurred, and most importantly, a new era of EngSoc began. The year began with a vision statement: to serve the students. My job was to deal with academic services. Thanks to the tremendous help of Faculty Reps and others alike, we were able to provide students with new and improved services. Here's a couple of things I'm proud to say I achieved:

- 1) academics.skule.ca – Here's the place to find an answer to your academic questions, or at least a link to someone who knows the answer.
- 2) Course Critique – Also known as the Anti-Calendar, but the Faculty doesn't like that because it sounds negative. The long and drawn-out process of getting this project approved is finally over. I only wish this was done last year so that we could start publishing at the beginning of the year
- 3) Exams Databank – While this project was started last year, only this year we've made it effective. It's great when students don't have to pay for past exams.
- 4) Tutors List – This project also started last year, but the difference is that now the list is searchable and easy to find.

Being an officer also gave me a new perspective on Skule™. Running the Society is not an easy task, but someone has to do it. I became an officer because I wanted to give something back to the students. I believe I have. Thank you to all the other hard-working officers, directors, club chairs, and everyone else that makes the Society work. Thank you for making my life easier.



vp communications



Chris Doan  
ELEC 0T7  
vp communications 0T4-0T5

It's been a whirlwind year... though not without its twists and turns, being VP Communications was an amazing eye-opening experience that pushed me to the limits of my capabilities and taught me to always be prepared. In addition to the responsibilities of the old VP Internal position such as organizing meetings and maintaining the multitude of Society documents, several new and exciting initiatives were added to the VP Comm portfolio.

Council meeting minutes were updated immediately after each meeting to allow students access to up-to-date information. With the responsibilities of Class Reps officially defined in the Constitution, I was able to work with Class Reps to realize their full potential as an effective means of communication. Many new communication and promotion services were introduced for clubs this year including weekly Class Rep reports, graphical promotion on the skule.ca website and the ECF login pop-up. A new mass-mailing system was implemented that allowed students to receive regular news without being inundated with e-mails.

My year was spent being amazed by the commitment and enthusiasm exhibited by the individuals with whom I worked. In particular, I'd like to thank Todd, Don, Dan and Pete for being an unbelievably dedicated and supportive team; it was a privilege to have met and worked alongside you guys. I would like to thank and congratulate all the students who took the extra time to get involved and helped make the Society the incredible community it is. For those who are hesitant to get involved, I encourage you to take a deep breath and a leap of faith... I guarantee that it will be a rewarding and fulfilling experience. Lastly, if anyone ever tells you you're not good enough... just prove them wrong



vp finance

Don McAuslan  
NSCI (Comp) 0T5  
vp finance 0T4-0T5



Many people have come up to me over the course of this year and said "Hey Don, what does the VP Finance do?" I explain to them the money fights, showering in champagne, and the weekly ritual of bathing in gold coins. But beyond these extravagances that were heretofore secret, I was amazed that very few people knew the critical role that the VP Finance plays within the Engineering Society. My job is to make sure that as much of our student fees as possible goes back to engineering clubs, committees and activities.

To this end, I think my year at the helm of the Society's financial super tanker has been extremely successful. Funding for clubs has increased over previous years, and much more money was spent on conferences and projects than ever before. In addition to that, through the Affiliated Engineering Clubs effort, stable funding has been assured for a huge number of clubs and organizations that have not been traditionally associated with the Engineering Society (Concrete Canoe, CESA and LGBTout Engineering are some great examples that come to mind).



What I am most proud of, however, is some of the brand new initiatives that came from the Society's members, and weren't pie-in-the-sky pipedreams of delusional Officers as has often been the case in the past. Crumpled Paper magazine and the Environmental Club are two wonderful examples of initiatives taken on by individual students that have grown over the course of the year into important groups at Skule™.



vp student life

Peter Suddard  
MECH 0T5+2  
vp student life 0T4-0T5



This year has been a great year for the Engineering Society in terms of clubs. I have tried to make some positive changes to the position this year to make it a lot easier for clubs to join the Society and to make the Society more useful for clubs. Our Official Engineering Club changes to the constitution will make sure engineering money goes to engineering clubs.

I have helped Engineering groups receive more than \$40,000 from SAC in the form of funding. This was not easy, because SAC is a self righteous bureaucratic pompous nightmare. The amount of time and money SAC wastes leaves me to believe that the best thing the Engineering Society can do is separate itself from that monster.

We have some very successful new clubs start this year. I have tried to make it as easy as possible for them but they deserve all the credit we can give. Clubs are one of the best ways the Engineering Society can stay relevant to students, the health and future of the Society depends on its ability to reach out to a large audience with clubs.

My thanks goes to the directors I "supervise" because they have made it easy for me to work elsewhere to make the Society better. Thanks guys, most of you did great work. In closing if you were in a club, good for you; If you worked to run a club, thank you for your dedication; and if you didn't participate in anything this year, thanks for your student fees.



# internal directors



archivist

Sam Orr  
CHEM (Enviro) OT5  
archivist OT4-OT5

Smoke and Thunder: The Story of the Mighty Skule™ Cannon is still in Stores as of January 15, 2004, and now serves as the most complete history of our beloved mascot. Crumpled Paper Magazine was a new publication released this year, and the first glossy colour issue blew many people away with the wide array of creative writing and art. The LGMB completely switched over their patches and jerseys to their new logo. The BFC still claims that they do not exist, never have existed, and never will exist; however, their outstanding presence this year with impressive pranks, and an access of shits and giggles has implied quite the opposite. President Robert Birgeneau (2000-2004) left for Berkley in September and thus forced the Toike to change their scapegoat. EngSoc started the year off with the largest number of directors in history and an incredible amount of nominees. The Cannon Guard introduced their new fancy leather mat to replace burnt up towels, and Mr. Blue and Gold finally got a well deserved trophy predated to the beginning of the competition. But nothing will be more memorable than the fact that EngSoc voted to sue SAC(sux)!!! The exact figures should be set in early 2005, just in time for our new atrium renovation. It looks like Skule™ is just 2c0014 trademark infringement!!!



chief returning officer



Nazim Hussain  
NSCI Physics OT5  
cro OT4-OT5

As Chief Returning Officer, my main responsibility is to administer the elections of the society in a fair and impartial way. These elections include Class Reps, Faculty Reps, EngSoc Directors, and of course the major Officer Elections in March. This year, as CRO, my principal achievement was the instatement of [vote.skule.ca](http://vote.skule.ca) as the Society's portal to the world of online elections. This website was first used in the VP Finance By-election held in August of 2004. It was also used for the Class Rep and Faculty Rep elections with much success. The main advantage of the website is that it allows voters to vote online without having to send a message from their ECF email accounts as was done in previous years. In addition, these online votes eliminate the hassles involved with scrutinizing physical ballots for spoilage. Hopefully, this system can be expanded in the future to allow for physical voting terminals during the officer elections to allow for simultaneous online and in-person elections.

computer system administrator



Andy Wagner  
MIN OT7  
sys admin OT4-OT5

I finally sat down at my own computer to start this write up. I think to myself, I'll actually be able to finish it this time. For there have been many false starts, you see, I have attempted to do this on the EngCom computers several times already. But, as the work of the System Administrator is never quite finished, the process was interrupted several times over. Once it was by the beep of the computer rebooting as an ominous grating came from the fan, another time it was the calls of Agnes as she desperately tried to meet her deadlines for Skulebook. As patrons of EngCom know, there's always something happening. This year saw some changes to the network setup. The server was upgraded and switched to Debian and relocated into the President's office. The Officers', President's and Barb's computers were all integrated into the network. The purchase of a DVD-burner and card-reader are only a couple of the many additions planned for EngCom this year.





community service director

**Faizal Ismail**  
INDY 0T7  
community service director 0T4-0T5

The Community Service Committee officially launched this year with the mission to finally bring into focus the incredible impact U of T Engineers make on the community.

I started with a mission too. I was sick of hearing engineers aren't socially responsible. I was sick of people assuming engineers don't care.

At first, I planned to just flip off every single one of those people. But fearing repetitive strain injury in my middle finger, I began my reign of terror with the Community Service Committee.

We've been an ambitious committee, ready to grow, and with energy at its fullest. You may have see us serving in soup kitchens, stocking food banks, or climbing the CN tower. We slept over for the 30-hour famine, built homes with Habitat for Humanity, shaved our heads for cancer research, and so much more.

As the Engineering Handbook says, "self-sacrifice and devotion to the public good" is what we're about. And beer. Lots of beer. So with this in mind, here's to another year of Skule Service!



engineering communications chair

**Holly Wonch**  
MSE 0T7  
eng com chair 0T4-0T5

I'm sitting at an EngCom computer right now....let's see what's around me. Ummm...there's a monkey atop this monitor, Dirty filling up the pop machine outside the door, John declaring his love to every female within a 20 foot radius, a chocolate bar wrapper on the floor, and Agnes freaking out about Skulebook deadlines. Yep, I'd say this is a standard Monday in EngCom!

A rundown of what this position entails: The EngCom director is responsible for reviewing all of the Engineering Publications so that everyone loves the Engineering Society (read: we don't offend anyone and we don't get sued). In addition, I'm supposed to make EngCom beautiful – well, technically, I'm supposed to keep it clean, but I interpreted clean as beautiful. To do this, we started a recycling initiative, painted the walls, and decided to keep the door closed to keep shady characters out.



"This tax was in place before our arrival in Coventry, and will always be a bare necessity to finance the town



# internal directors



external relations director

Mahvish Ashraf  
ECE 0T7  
external relations director 0T4-0T5



External Relations' Director was a new position this year and as a result, no standards were set when I started my reign! My duties included selecting delegates for conferences that EngSoc supported as well as developing and maintaining positive SKULE relations with other engineering schools. This year, our major conferences were the CFES Congress 2005 and ESSCO's FYIC (First Year Integration Conference). Congress was all the more special because U of T was organizing it. U of T Engineering sent six excellent delegates to this humongous get together of engineering students from all over Canada. We learned about other universities and educated the latter about SKULE. FYIC was held at Ryerson University this year and we sent five F!rosh to learn more about other Engineering universities in Ontario. Another External event was the National Engineering Week (NEW). This week aims to educate high and elementary school students about Engineering. NEW was a first time initiative at the University of Toronto and hopefully will be carried on for years to come. In the end, as the External Relations' Director, I am happy to report a good, productive, and, fun-filled year!

hi skule liason director



Ada Shang  
NSCI 0T7  
hi-skule™ liasion 0T4-0T5



As the Hi-Skule™ Liasion Director this year, I feel very lucky to be able to work closely with different groups of people around Skule™. Not only do I have to act as the liaison between ESROO and EngSoc, by organizing on-campus events for prospective students, I am also able to come into contact with current student volunteers. With my Hi-Skule™ Committee, we put together fun events to offer prospective students a chance to experience Skule™ spirit, an opportunity to meet with current students, and most importantly, to encourage them to apply to U of T Engineering. \*gasp\*! =)

I have had a great time helping at the June event Skule™ ward Bounds, as well as in putting this year's F!rosh for a Day together. From dropping Pumpkins Egg Protectors off the 2nd floor of SF into the Pit to Pin ball Machine Designs, pre-F!rosh teams and our current student pre-F!rosh leaders competed to win the "Amazing Race". Thank you so much for everyone's support and especially for all the hard work from the wonderful Hi-Skule™ Committee and Jen from the Recruitment office. I hope to see (or rather "have seen") our volunteers come out again to other Hi-Skule™ events like March Break Open house and definitely the June post-Offer Event 2005!!! =)

professional development director



Lillian De Melo  
CHEM 0T6  
prof dev director 0T4-0T5

As your Professional Development Director, I worked very closely with the Engineering Career Office to develop programs and informational sessions to aid students achieve their professional goals. It is important to learn the soft skills you need to succeed in the career world. My goal was to help the Career Office provide multiple opportunities for students to learn skills such as networking, resume building, successful interviewing and job searching. As a liaison, I acted as the contact person for students wishing to express comments and suggestions on how services can be improved and expanded. My major task this year was promoting and organizing volunteers for the Career Days in late September. I had several ideas for informational sessions that would be useful and of interest to students. For example, a New Alumni panel was created where recent graduates describe and answer questions about starting a career and making the transition from school to work. Other information sessions were conducted by representatives from some professional Engineering societies, who described how students can obtain membership and take advantage of the opportunities they provide.

Sessions and events that were not organized will be passed on to the next Director for further development.

It had been a pleasure being your Professional Development Director and I wish you all the best of luck in starting your professional careers.

social director



**Jonathan Hollands**  
MECH 0T5+PEY  
social director 0T4-0T5

I had a lot of fun as Social Director this year. I must say that the highlights of my term included playing Black Jack at the Oktoberfest casino with THE Will Smith and serving alcohol in a church while having a cannon fired from the altar.

I couldn't have planned the amazing spectacle of sacrilege and fine dining that was Cannonball without the help of many people. I'd like to thank Dan Zacharelli for being my point man for Oktoberfest and Cannonball, and all the work that he did. Thanks to Chris Milligan and the Stage Band who did a phenomenal job and far exceeded my expectations.

I'd especially like to thank Jen Lee for all of the hard work and patience that she devoted to helping run the best Cannonball I could have ever hoped for. I couldn't have done it without you. Finally, I'd like to thank Will and Nathan for all the last minute help with ticket sales, errands and delivering of forgotten bar floats. You were always around to help and didn't complain once. Your help is greatly appreciated.

speaker



**Henry Cheung**  
NSCI 0T7  
speaker 0T4-0T5

Over the past year, it has been my goal to preside over council meetings of the Engineering Society by maintaining order, fairness and productivity. With the awesome power of the mighty gavel (second only to Thor's hammer) clenched within my hand, I have ruled over my domain with an unbiased and unwavering iron fist.

If Eng Soc was a gigantic pie, being the Speaker of the Engineering Society would be like having the sweetest, most scrumptious piece of that great big pie. There are no reports to write, no deadlines to miss, and no extra meetings to attend. On top of this, being Speaker gives you a once-a-month, exclusive chance to stand up in front of a room to yell and point at people, telling them what to do while exuding your love for the thunderous clap of the gavel. The rest of the job requires that you read and know the rules of council and the Society, and that you try your best to make sure your mouth isn't full of food when you need to speak.

In the end, another successful and productive year has gone by, a few more scratches have been etched into the face of the gavel, and we're still alive and happy. It has been a pleasure to serve Skule™.

sponsorship director



**Sonia Baldassarre**  
INDY 0T6  
sponsorship director 0T4-0T5

For my third year in Industrial Engineering, I was very interested in being a part of the Engineering Society Council. When I discovered the position of Sponsorship Director, I knew that it was something I wanted to do on behalf of Skule™. As Sponsorship Director, my role is to promote EngSoc to corporations in search of sponsorship or donations. I work closely with the advertising agencies for the Cannon, the Skulebook and the Frosh Handbook and also provide support to different U of T Engineering events and conferences in need of sponsorship help.

My ongoing goal for the end of my term has been to establish a complete list of possible sponsors that any interested club or event can have access to and expand upon. This year we have been very successful in gaining important contacts and renewing our partnership with supporting companies.

My experience with EngSoc has been truly rewarding and I am motivated everyday by the hard work and dedication of my peers on the council. Thank you to all the Officers for your encouragement and faith.

As the date for Godiva's journey drew closer, word of the event spread like wildfire through Coventry



# internal directors



student issues/diversity director



Matthew Charlton  
NSCI 0T7 + 1  
S.I.C. Director



The Student Issues Committee was formed to deal with everyday issues of equality and diversity among the engineering student population. With one of the most diverse (and certainly the largest) population of students of any engineering school in Canada, the University of Toronto is well-situated in Canada's multicultural hub. Toronto offers a kaleidoscope of activities and festivals celebrating the intrinsic value of our diverse citizens.

This year, SIC lead Skule in the first-ever official march in the Toronto Pride Parade.

Our participation and spirit did not go unnoticed as we were awarded "Most Outstanding Community Marching Group" by the Pride Committee's panel of judges. The judges no doubt still hear the echoes of our cannon firing before them on Yonge Street, a spectacle witnessed by hundreds of thousands of attendees. On a personal level, I enjoyed sharing my culinary passion for Multicultural SUDS, where eight straight hours of cooking produced several traditional dishes from all around the world - and all vegetarian.

We couldn't have done it without you, the students! Thanks to all those who helped out, participated, and enjoyed celebrating our differences together, and thanks especially to Lauren Krieger for carrying the SIC torch after I left.

webmaster



Roger Mong  
NSCI Physics 0T6  
Webmaster



As webmaster, I make sure that skule.ca and the subdomains !?\$( \*@.skule.ca stay running. I also entertain the officers and other people for their email or mailing list requests, subdomain demands, and why-isn't-my-website-working whines. It never stops.

This year, skule.ca is more glorious than ever\*: with a new interface and calendar system; the exams and download archives reorganized; a facelift for several subdomains; setting up the surveys, submissions and registrations system; and an all new search engine to compete with Google.

Few things to remember:

- The slower you do a job, the less people will ask of you.
- The less I see Chris Doan, the less I have to think about.
- Deleting the whole voting site - a day before an online election.
- Crashing the plasma screen and the webserver a few times - just minor glitches.

Thanks to Eamon for all your help - I couldn't have done it without you.

\* Some of this may or may not have happened, it's only October. In fact, most of this never happened, I made it all up.



# ex-officio directors



blue & gold chair

Leona Smith  
MSE 0T6+ENG (lish)  
Blue & Gold Chair



Tom Arato  
MSE 0T6  
B&G Sub-Chair

This year saw a bedrace bed that didn't explode, Blue&Gold Street Hockey, the first ever (and hopefully not the last) Blue&Gold Toboozing event, a gorgeous Homecumming float (the first in years to be done before midnight although there weren't any gale force winds to contend with), and a very fiery Godiva Week.

Congratulations to Mech for winning the Chariot Race and being the first winner in a long time to be awarded the J.P. Potts Memorial Trophy.

I want to thank everyone who helped out with the Blue&Gold Committee this year and encourage those who didn't to get involved next year. I can tell you that it is the best time anyone can have before graduation. A special thanks goes out to all the F!rosh who came out and got involved.

And finally thanks to Pete, Nathan, my sub-chair Tom Arato, and my irreplaceable roomie, Holly for all their support through tardy wood orders, bitchy bureaucracy, flames, and pig's blood.

I hope everyone had fun (I did) and I send out my best to next year's Chairs (suckas!) and I hope next year will be even better than this one.



The morning of the ride was bright and clear, as Godiva strode confidently towards the stables.



# skulebook staff



## Special thanks to...

Ashwin Wagadarikar, for being an awesome Copy Manager, for always being reliable throughout year, and for keeping the backbone work always on schedule.

Cathy Ng & Sherman Kong, for being great Photography Managers and handling an incredible number of photos, as well as attending important events and organizing photographers all year.

Lamar Lugli, Zach Hoy, Davis Doan & Hugo Chan, for your exceptional photos and photographic talent.

Elki Tsang, for your enthusiasm and help in all areas from layout to photography.

Krystin Scheider, for your research and writing of the Lady Godiva Legend.

Narmeen Haq, for doing a great job as Business & Finance Manager and giving a helping hand.

Brendan Slyne, for 'saving' the yearbook... literally. Your help in the last week of the publication was incredibly appreciated.

Kharthick Kathiresan, for helping me out in all areas, all year, and for being so dependable.

Adam Dou, Jimmy Chang, Henry Cheung, Don D'Souza, Emily Ghosh, Catherine Korinek, Ian Pereira, Kerolyn Shairsingh and Ralph Wong for your layout design contributions.



### Photographers

Hugo Chan  
Davis Doan  
Agnes Durlik  
Matthew Eisner  
Zach Hoy  
Lee Hu  
Sherman Kong  
Catherine Korinek  
Sara Kwon  
Lamar Lugli  
Cathy Ng  
Chris & Thomas Sapiano  
Michael Trautmansdorff  
Elki Tsang

### Contributors

Girish Chhatwani  
Gillian Chin  
Daniel Cicero  
Chris Doan  
Carolyn Hicks  
Chao Liu  
Padma Mahadevan  
Roger Mong  
Emily Ross  
Sheyda Saneinejad  
Manu Sud  
Andy Wagner



I have felt privileged over the past year to have been given the opportunity to create this yearbook for my fellow students at Skule™. One's experiences and education during university become an important chapter in life, and to capture it all for the students within 192 pages is not only challenging, but also rewarding in knowing that you've documented history and given the students a snapshot of their lives.

The theme of this year's book, Lady Godiva and her journey, was realized and developed through the pages as a celebration of the engineering spirit and social conscience, while reminding students of the history that they have left and lived through here at Skule™. This legendary hero has been chosen as our patron decades ago, yet her virtues still apply to us today. This yearbook reminds us of just that, while beautifully portraying her image in a modern and artistic manner.

The photographs in this yearbook speak hundreds of words, thoughts and emotions, and have been taken by various students of all years, giving different perspectives on the events of 2004-2005. I want to sincerely thank all those photographers who have done a magnificent job in taking, what I believe, are the best photographs the Skulebook has ever seen. It is through your eyes that you have helped capture the events of this year and through your efforts that the most important and meaningful moments of the year have been commemorated. This year, for the first time ever in Skulebook publication history, all photographs taken were digital. From a publishing perspective, it has enabled for an easier level of production and for a significantly wider selection of photos from the thousands that were taken.

To all the staff who contributed to this Skulebook, I want to extend my sincere thanks. Every small contribution was a contribution to the greater whole which you are now holding in your hands. From compiling theme ideas to obtaining copy from students; from taking photographs to completing layouts; even just giving feedback or providing support when I felt beaten by publication deadlines... all this has been valuable. I hope you are all proud of this modern, memorable and lasting publication.

To the students who are reading this because they are curious as to what words I have to share, I hope I have created for you not just a book, but a work of art that meaningfully depicted your year at Skule™. I hope that your year(s) here were, and continue to be, as rewarding and memorable as they have been for me, and that you will discover great things about yourself and your role in society, especially outside of the classroom. I urge you to get involved in as many extracurriculars as possible, to meet as many people as you can, and to enjoy each day as if it was the last day of 4<sup>th</sup> year. To my fellow OT5 graduates who won't be around next year, I wish you all the best life has to offer and hope you stay in touch and hold onto the incredible memories that were made at Skule™ in the past 4 years. To my friends in CHEM OT5, I will miss you and I won't forget the good times and the struggles that we endured. Congratulations all!

# skulebook editor



Agnes Durlik  
CHEM (Enviro) OT5+PEY  
Skulebook OT5 Editor

To my parents, brother and grandma: I thank you for your continual support in this massive editorial project, and for being so understanding in my absence from home for the past year. It hasn't been easy working at PEY from 9-5pm and then yearbook from 6-11pm on a daily basis, but your understanding has been invaluable, and for that I love you all dearly!

As the old Chinese proverb goes "The palest ink is better than the best memory", I hope this book serves as your 'ink', and that your memories of the 2004-2005 Skule™ year cease to fade through the trials of time...



She mounted her favourite ivory horse and handed her attendant the robe she had been wearing.



# The Cannon Newspaper

# the CANNON

2004-2005, Volume XXII

Serving University of Toronto engineering students since 1978

Zachary Martin  
Michael Studniberg

We started this year with the ambitious goal to become a semi-credible 'newspaper' on the calibre of any other student paper on this campus. While that result is still far off, this is what will be done by the end of the year, which will get The Cannon a few steps closer:

- got funding from SAC to buy newsstands
- commissioned some look-and-feel changes to the paper, in the form of refined layout and graphics
- so far have not (to my knowledge) published any photos incriminating engineering students in the misuse of fire, horses, or overheated guitars
- attempted to write like a "real" professional newspaper, at least some of the time

And for the long term, we have started a collection of books on editing and publishing, for future staff of the paper to use to educate themselves *a priori* so that they may avoid the amateur mistakes that we and past editors may have made. As well, we will create a Cannon Commission, also known as Operation Killstorm, to answer a few questions before the end of the year:

What demand exists for student-run news media in the undergraduate engineering student body?  
What are the goals of The Cannon?  
What editorial and managerial structures best suit these goals?  
How effective is the ad-hoc review committee?



...or something to that effect. The results of this commission will be used to help create a continuously-updated reference document for future staff to help to direct the paper in an upward direction with a minimized second derivative. The investigation may also, though it is highly uncertain at this point, result in some additions to the way The Cannon is gov-

erned constitutionally by the Engineering Society.

This assumes that we don't get impeached before April.

We must thank Virali Patel for doing the majority of layout gruntwork (which is substantial), and Adam Gravitis who contributed **orders of magnitude** more than a kick in the pants.

Most importantly we thank everyone who wrote for the paper this year, since their generous contribution of time and effort allows this worthwhile



publication to endure from year to year.  
-ZM



Michael Studniberg & Zachary Martin  
Big Cheese (Cannon Co-Editors 2004-2005)

# toike oike newspaper



Editor-in-Chief 04-05

David Kobayashi

Copy Editor

Paul Dabrowski

Production Manager

Jesse Katz-Totton

Senior Staff Writer

Annie Unold

Staff Writers

Anthony Apostoli

Mei Ling Chen

Sean Hockin

Anne Lange

Marin Turk

Alex Wun

Contributors

Henry Cheung

Christopher Doan

Nick Loberto



A newspaper is like a peanut, in that I can't think of a good analogy for either of them right now. But... I can say that managing a newspaper is like making a stew, and putting together a Toike month after month is like making an atomic stew! Since everyone looks forward to it each month (the Toike, not an atomic stew), there's a lot of pressure to kick serious ass. I hope the Toike readership enjoyed the ride we took them on for the past 8 months - it's been a good time for us too.

With that being said, all of you writers, graphic artists, layout jockeys, and editors should be proud of yourselves. The Toike would not be what it is today without you. When you become rich and famous, I hope you are proud to say that, "I worked on the Toike Oike in 2005."

Now completely naked, she set out towards the market, the centre of Coventry's social activities.



# FINANCIAL HANDBOOK OTS

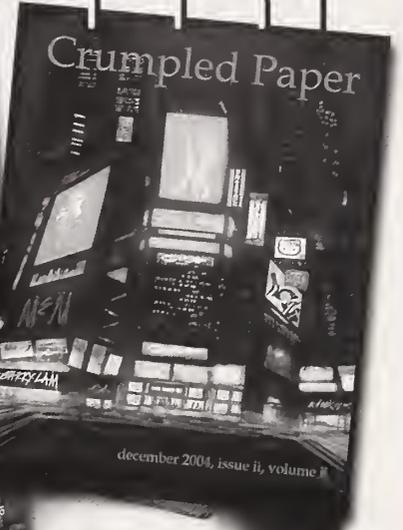


**CHRISTOPHER DOAN, EDITOR-IN-CHIEF**

**HENRY CHEUNG, ASSISTANT EDITOR**  
**MAHVISH ASHRAF, RESEARCH HEAD**  
**RALPH WONG, LAYOUT HEAD**

**PHOTOGRAPHERS**  
**EVANGELOS STAIKOS**  
**CORINNA HENSON**

# crumpled paper magazine



Jennifer Chung  
NSCI 0T7  
Crumpled Paper Editor, 0T4-0T5

In the beginning of summer 2004, Crumpled Paper was just an idea. But unlike the many ideas that run through my head, this one just seemed like too much fun and important for me to dismiss as quickly as I did my brilliant idea to start a rock band of females dressed like cross-dressing males. [A club-like magazine that caters to engineering students craving for creative release in our crazy "technical" draining lives.] Others must have felt the necessity of such an entity too, because this idea kept snowballing until it became a very hot and ever-growing official art magazine on campus. So much thanks is to be owed to those who shared the vision and believed the project from its inception, in particular Liz and the EngSoc Officers.

At our first "Crumpled Paper Party", Velata and I went around WB putting up signs that pointed CP'ers the right way. A passerby glanced at our sign and remarked, "Hey! Sounds like fun!" Velata replied, "You should have come to our 'Ripping Paper Party' last week!" Who would have known how absolutely literal her play on words would become just a couple of months later (if you're one of the few hundred people who found a special empty page insert in your copy of second issue - Congratulations! You win!). That just perfectly describes how full of surprises this year has been. Meaning a lot of headaches and bumps on the road, but our baby, Crumpled Paper, has sure grown up, gettin' better all the time and I'm so proud. We've all made so many friends along the way, together creating a quirky world with exorcists, vampires, spies, and old calligraphy guys, in a backdrop of striking photography of foreign places and objects, graphics, traditional art and gripping stories of love, betrayal and more. I want to mention some of my beautiful and brilliant staff: Liz Chang, Amit Ahlawat, Dina Situ, Haomin Yuan, Hugo Chan, Sherman Kong, April Kwong, Justin Chan, Beverly Au, Barry Lam, Joerick, Jonathan, Jen, Wayne, Bertha, Tristan, Ivy, John, Sameu, Anthea, Ray...and everyone else in our ever-growing community.

The wise philosopher D. Zoolander once said, "There's more to life than being really, really... really good looking." And we at Crumpled Paper would totally agree, but there ain't much, so we're proud to be THE really, really good looking publication on campus. Special thanks to my brother, Jeffson, and my parents, in addition to anyone who picked up our zine. Look out for us next year!



Godiva grew slightly nervous as she rode towards the market, where almost the entire town had gathered to watch her pass.





home

ring

good weeks

mr. blue & gold

chariot race

handshot competition

king's crown

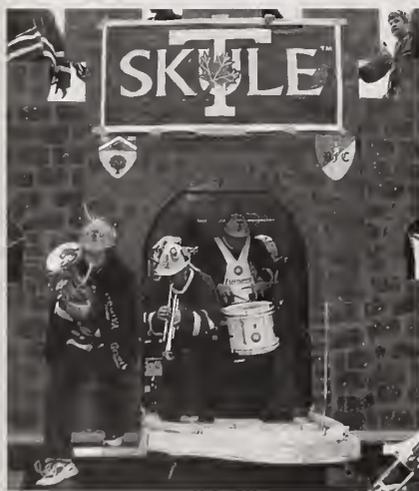
charity date auction

canonball

gradball

skule™ events

# homecoming



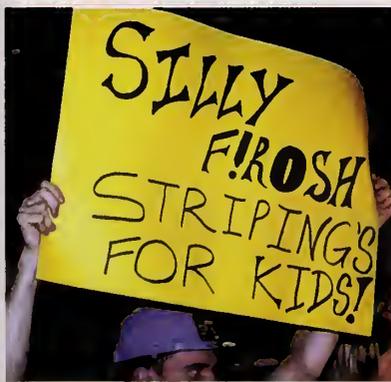
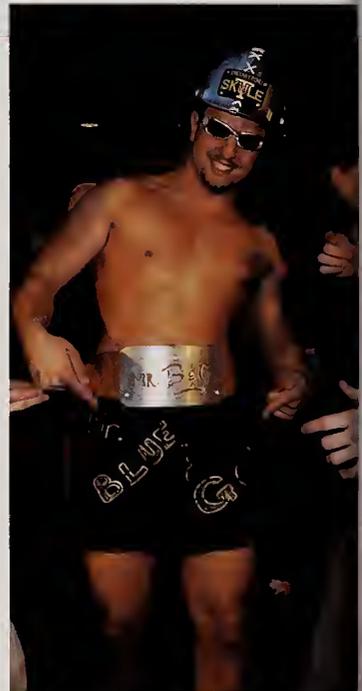


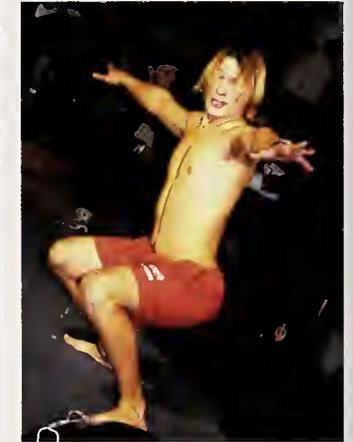
# hardhat competition



but her desire to remain righteous and stand up for her beliefs filled her spirit once again







As she neared the market, the trotting of her horse's hooves attracted the crowd's attention towards the roadway.



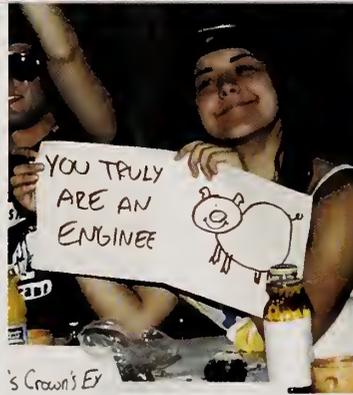
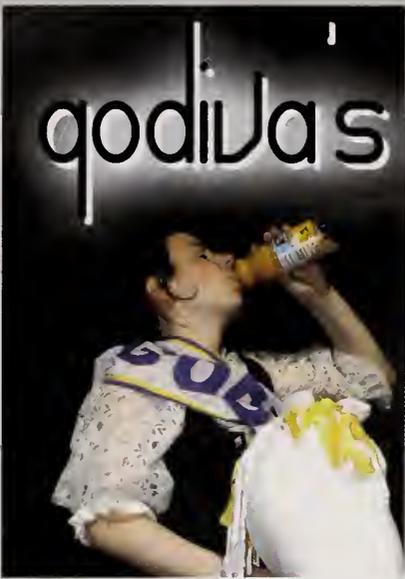
# ye olde chariot race

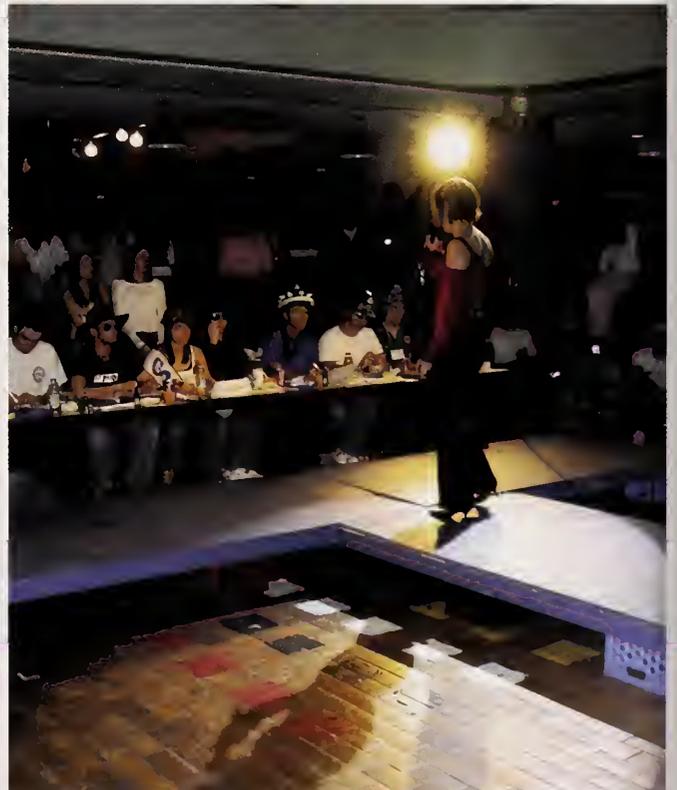




She first approached a group of women whose whispering voices had immediately become silent upon her presence







As Godiva passed by, her breathtaking beauty struck the women and everyone around them.



car smash / charity date auction



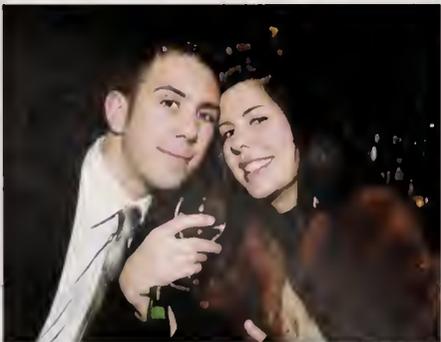
# godiva's wake / ultimate frosh

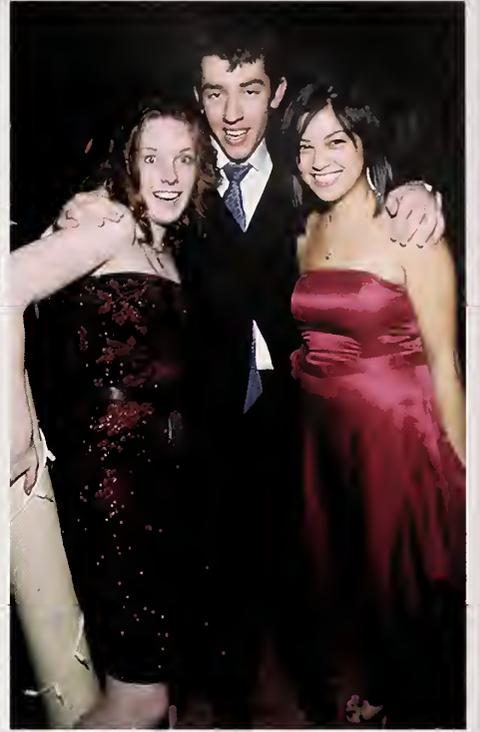


All were left in awe of the way her skin glowed in the sunlight.



cannonba





...the way the wind blew her hair gently across her breasts.



# fourth year committee

The big day is almost here,  
so to celebrate...



**50**  
+ 365 \* x, ∃ x = 0..∞  
**= DAYS TO IRON RING PARTY**  
Thursday, January 13, 2005  
\$5 at the door - free food and pool  
9 pm - Bedford Ballroom  
(On floor, just across from Varsity Field)

**100 DAYS TO BRUNNY, 10PM**  
**SKULE**  
**IRON RING NOV 25**  
Tickets \$2 advance or \$5 at the door. Sold daily in the Atrium.  
For more information contact fourthyear@skule.ca



Congratulations Class of 0T5 - we have made it through the engineering! When we arrived at Skule™ as F!rosh we were both nervous about the years ahead. However, now as we graduate we are not be more excited about our achievements, yet again, nervous about what to come. With our undergraduate years behind us, we are now better equipped to tackle our future challenges with all the knowledge and experiences we gained through engineering. The friends and colleagues we have met over years in engineering have given us with many memo

## GRADBALL 2005

*Reflections*

GradBall 2005 Schedule	
6:00pm	Cocktails and Slideshow
7:30pm	Dinner
9:30pm	Awards and Photography
10:00pm	Dancing
1:30pm	Dancing ends



This year alone was with filled with social events to celebrate our achievements – count down parties to Iron Ring started back in the summer at Piccadilly's Circus with the 200 day celebration, another 100 days party was held in November at the Brunswick House, and finally a 50 days count down to Iron Ring was held at the Bedford Ballroom in January. The big day arrived and was festivities continued at "GRADBAll 0T5: Reflections" held at the absolutely gorgeous Liberty Grand Entertainment Complex, on March 5, 2005.

Along side of the numerous social events, GRADitude ran a successful campaign under the supervision of GRADitude Chair, Andrew Johnston and the Engineering Alumni Office. F!rosh week commenced with a campaign kick off BBQ and continued with the revival of the GRAD!tude Interdepartmental Competition held during the month of February. In total, the 0T5 class raised over \$6,000 to be donated to the Atrium Renovation Project.

The friends and colleagues we have met over the years in engineering have given us with many memories. I hope that the Class of 0T5 will remain in touch in an effort of preserving these fond memories as we move from our undergraduate years here at Skule™. I wish you all the best of luck!

*Liberty Grand Entertainment Complex*



# Valedictorian

It's hard to start a good speech. I tried Googling and found out I could buy a valedictorian speech for \$100. I tried to poll others for ideas and was told it would be a good idea to lead everyone in a chant. But I decided against that. So I thought about the theme here: reflections. I took a trip down memory lane and pulled out little anecdotes of what I was like as a frosh.

I can tell you right now that I was all gung-ho about engineering. It was this program where all these smart people go and learn cool stuff and make great things. They were spirited and they were innovative. I was obviously hooked, and when I got here, I was a dramatically keen frosh. It was crazy. I'm one of the kids that actually studied for the TPT (a.k.a. PSAT) and actually tried to answer the questions on it. I wasn't very bright in that I applied to live in an arts/ci college. I remember moving into residence and walking around trying to meet people. I came across this room full of arts/ci's and started up a conversation: 'Hey, frosh orientation tomorrow?' 'Yep. Meet at the UC quad.' 'Uh...Isn't it in front of Convocation Hall?' 'Why would you go there?'

What I didn't know is that apparently these arts/ci's are told months in advance that engineers will be the bane of their existence. I told them I was in engineering - GO ENGINEERING! style - and you should have seen the hatred in their eyes. Needless to say, that conversation didn't go very far, and I didn't make a lot of friends in residence. But I did get knocks on my door when they needed help with physics and calculus. The other problem with living in an arts/ci residence is that not only do they hate you, engineers aren't fond of them either. So at 3am, I'd have the LGMB playing as loud as they could right outside my window. I felt like crying, 'Go away! I have TPT in the morning! Need sleep!' But I was proud to be an engineering student. And now - 5 years later - I am proud to be an engineer. And now - 5 years later - I am proud to be an engineer.

I want to define what it's like to be an engineer. Aside from the things we fix, the gadgets we create, the systems we design, I couldn't find anything that I felt fully epitomized engineers. Then one day, I came across a site entitled 'How To Become a Hacker' and realized there is a gross similarity between an actual hacker and a real engineer. A conveniently doctored excerpt from it reads:

Being an engineer is lots of fun, but it's a kind of fun that takes lots of effort. The effort takes motivation. Successful athletes get their motivation from a kind of physical delight in making their bodies perform, in pushing themselves past their own physical limits. Similarly, to be an engineer you have to get a basic thrill from solving problems, sharpening your skills, and exercising your intelligence. If you aren't the kind of person that feels this way naturally, you'll need to become one in order to make it as an engineer. Otherwise you'll find your energy is sapped by distractions like sex, money, and social approval. Though I'm sure those last 3 things are a little important to us, the rest is true.

Why do people love engineering over any other faculty? It's because engineers are adaptive and versatile. We are not afraid of taking on challenges because we know we can do it. Engineering is a skill. It's the ability to say to someone, 'I don't know, but I can find out.' And I'm proud to be one of them. All that said, engineers aren't just part of some big-brained crew. They're my saving grace. They're kind-hearted and take care of each other.

I remember my first Chariot Race here. It was the longest 300m of my life. Running on ice, with a barrel on wheels, and with 20 other people holding you back, isn't easy. I remember trying to pull people off my chariot but ended up being caught in a fray of falling bodies and into the path of another chariot. The other charioteers thought I planned to be a human obstacle and all I heard was 'Run her over!' In the back of my mind I thought 'Oh dear lord, I'm screwed.' Just before having my life flash before my eyes, someone pulled me up off the ground so I could continue running with them past the finish line. In a way, that's what life in engineering is like, isn't it? You keep falling into these situations where you think 'Ohhhhhh...Crap.' but there's always someone there to pick you up out of what ever rut you're in.

I survived 5 years here thanks to the selfless men and women sitting before me. I've had rough times and every single one of those times, there has been someone willing to drop everything to make sure I didn't. They are the members of this class. They are engineers. And I'm proud to be one of them. I can only hope that maybe one day - likely a long long long LONG time after finals - we'll look back and say, 'I wish I was there again. And I wouldn't change a thing.' And you will be still be proud to be an engineer.

\*The toast\*... Please raise your glasses with your non-dominant hand. I want to hear iron on glass :) To the class of 0T4+PEY and 0T5!!!



Cherie G. Wong  
COMP 0T4 + PEY  
Class of 0T5 Valedictorian



... and the majestic strength of the horse beneath her naked body.



# gradball





As she rode past, the beauty of her picturesque scene entranced the villagers



brute force



committee

body godiva memoria bras

cannon guard

subs

e nite

engineering stores

cesd

engineers without borders

sky solar car

dragonboat

concrete toboggan

concrete canoe

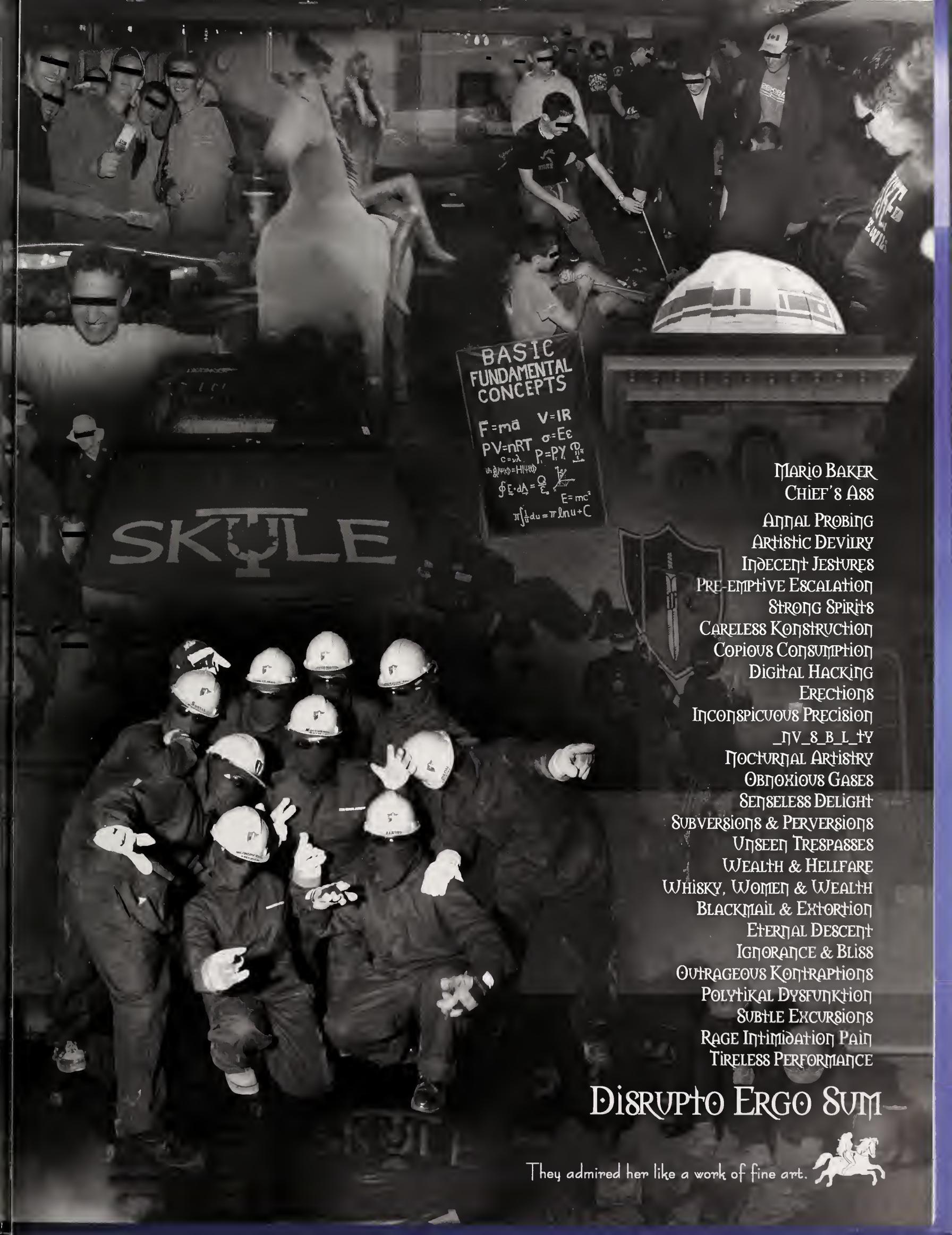
e conference

cfes congress

# student groups

# THE BRUTE FORCE COMMITTEE





SKYULE

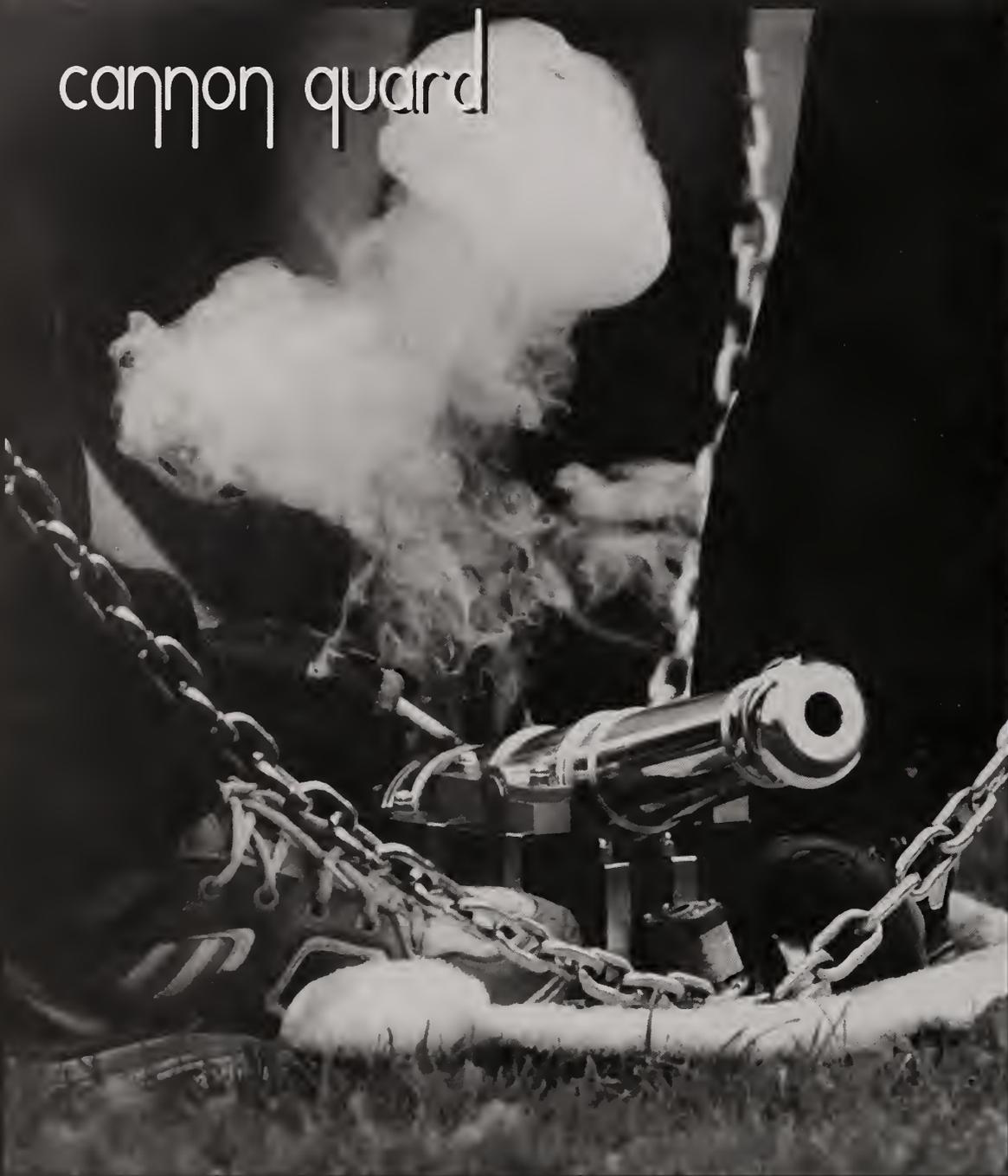
BASIC  
FUNDAMENTAL  
CONCEPTS  
 $F = ma$   $v = IR$   
 $PV = nRT$   $\sigma = Ee$   
 $c = \lambda \nu$   $P = \rho v$   
 $\oint E \cdot dA = \frac{Q}{\epsilon_0}$   $E = mc^2$   
 $\int \frac{1}{u} du = \ln|u| + C$

- MARIO BAKER
- CHIEF'S ASS
- ANNUAL PROBING
- ARTISTIC DEVILRY
- INDECENT GESTURES
- PRE-EMPTIVE ESCALATION
- STRONG SPIRITS
- CARELESS KONSTRUCTION
- COPIOUS CONSUMPTION
- DIGITAL HACKING
- ERECTIONS
- INCONSPICUOUS PRECISION
- \_N\_V\_&\_B\_L\_+Y
- NOCTURNAL ARTISTRY
- OBNOXIOUS GASES
- SENSELESS DELIGHT
- SUBVERSIONS & PERVERSIONS
- UNSEEN TRESPASSES
- WEALTH & HELLFARE
- WHISKY, WOMEN & WEALTH
- BLACKMAIL & EXTORTION
- ETERNAL DESCENT
- IGNORANCE & BLISS
- OUTRAGEOUS KONTRAPTIONS
- POLYTIKAL DYSFUNCTION
- SUBTLE EXCURSIONS
- RAGE INTIMIDATION PAIN
- TIRELESS PERFORMANCE

# DISRUPTO ERGO SUM

They admired her like a work of fine art. 

# cannon guard



Seventy five years ago, Skule shook the campus with a great KABOOM from the very first Mighty Skule Cannon as a signal of their engineering pride. Today, the earth still shakes and our Cannon still tells the world that we are proud University of Toronto Engineers. It is with great honour that I have carried this tradition for the past year. During this time, I have learned a number of things about the Mighty Skule Cannon. I have found that 500 F!rosh make the best Cannon guard; the Cannon guard is a welcome addition to the Pride parade; no matter what anyone tells you, you most definitely can fire three Cannons in the atrium without any fire alarms; if you stand on the side of the street in downtown Toronto, people will call the police; and most important of all, nobody should ever underestimate a University of Toronto Engineering student's dedication to the Cannon.

Speaking of dedication to the Cannon, I would like to thank everyone who has helped me keep the Cannon safe this year. To the four beautiful ladies at Cannonball and the four devoted gentlemen at Gradball, I thank you for all your contributions to Skule and the Cannon over the years. Finally, I want to thank the Bnad for helping me in so many ways all year.

Every year, people from all over the world with different beliefs and goals come to the University of Toronto and enter engineering. From that point forward, we are all subject to the same pressures and frustrations that come with the quest for an iron ring. It is through this struggle that a commonality emerges and brings everyone together. The Mighty Skule Cannon is the symbol of this bond and is owned by every single engineering student.

Let the Cannon sound, let the earth quake, let them know we are proud!

**HONOUR IT.  
RESPECT IT.  
PROTECT IT.**

Aaron Lampe  
ECE 0T6  
Chief Attiliator 2004-2005



Upon riding past a group of elderly chivalrous men, one bowed his head and swiftly lowered his eye.



# The Lady Godiva Memorial Bnad

'Twas the nite beefore oreentashon an ale troo da Suke™ evry wone was makin loud noise wit da bnad, an 'twas kule! Da F!rosh weer ahll in dare bed passed oot from a binge, soon day wood bee a purpleish tinge!

U no what suks? Rhim(m)in dat's what! Butt what eh yer et has bean! Wee ghot on TV, da LGMB peeraide was ophisholy rekognized wit an apperence, Allmost whitlissed a Blue's futbal viktry (wee weres leeding fer da magoraty o da ghame), and made a mokary of demokracee bye kree-eh-tink da bnad konstitutshonal. May da Bnadocracy nepher rein! Godiva bless da Bnadatorship!

Da gnew bnad phlags wer proveyedid bye SAC (sux) phunding (kant speel phunding wit oot phund, or hun) aphter da phirst epher eunanomas rool kall vhone!

Overhall, it snot been two bhad a yeer. Weave kept the chayos cummin', the f!rosh a drummin', and the BEvERages a flowin'. Wite noize is up bye 0.5%, the melodie is downe by 6.7 db, and on ruff nites the f!rosh have hit 0.2.

<INSERT alt="JOONYUR BNAD LEEDUR" comment="bnad r00lz" name="Jeff Cornthwaite" BAC="0.2">

- 1) Eye haf NevUR liphted soooo mutch pop evur!
- 2) Uhm...tanks too evreeewon hoo kame tue ovr uhvents dis year!
- 3) To Looook and Adum(b)...u guyz r0ck da huas uv bnad. Tanks fer da good tymes.
- 4) Ahl yoo ragyoolars, da bnad cud knot bee da same witowt yoo!
- 5) I em proud too ree-port dat dis yeer'z bnad konsoomed mohr dan 5000 ulephants uv alkohaul! Woop woop citae....

</IHNSERT>

An fer ahll o us bnad leedurs wee wood like to wish u mary boozing fer ahll an two ahll a good yak.

Kongrats too da new leedurs! Caitlin Bailey an Henry Cheung!  
Stay Cool My Babies!

**Luke Wesley**   **Adam Gravitis**   **Jeff Cornthwaite**  
Bnad Leedur   D(r)umb Major(k)   Joonyar Bnad Leedur

**Lady Godiva Memorial Bnad Leedurs 0T4-0T5**





ntroducing...

The world-famous, quintuple prize-winning, SEXTuple record-setting, TSE crashing, football field dashing, alcohol stashing, Oktoberfest bashing, joke rehashing; Stealth-Bnad stalking, impostor-bnad mocking, Con Hall shocking, Gradball rocking; Pop machine filling, ready-and-willing, Crown Royal swilling, "Yo, we just chilling"; CN Tower ascending, cannon defending, peace-and-quiet ending, many patents pending, Seven-year-old scotch decanting, all nude all the time!!! Mad Integrating, Nathan Phillips Skating, Aramark™ Hating, Triple X rating! Yonge St. Cruising, Varsity Bluesing, eardrum bruising, music abusing, Pratt Building, Four Seasons, SkyDome, Eaton Centre, CN Tower, Innis Condo, Scarborough RT, Beheer Center for IT, Skule Nite, Spadina Streetcar AND Sheppard Subway opening

AND subway CLOSING...

# The Lady Godiva Memorial Bnad

Renegade Musical Terrorists, Marching Gregorian Chant Society and White Noise Brigade!



The other men followed suit.



# SUDS



Like any other Engineering Society position, being Suds Managers this year had its share of ups and downs. F!rosh Week taught us that both sleep and going to class could be considered a luxury. Homecoming gave us the best Alumni Suds ever and Hallowe'en Suds, like always, was a crazy costume party. Second semester started off with CFES, which turned out to be a week-long late night party in the pit. Godiva Week followed right after and some poor judgement in one of the events almost got us shut down. We survived that disaster (barely) and bounced back to have two amazing Iron Ring parties.

This year, we were very fortunate to have a lot of really great staff who were as dedicated to keeping this place running as we were. You guys (and girls) made working the bar fun, so thanks to all of you! Thanks also to all the upper years who continued to come out every week. Don't forget that you're the reason why the F!rosh keep coming out, so keep doing what you're doing.

To the new guys next year, good luck. It's only going to be as much fun as you make it. We know you'll have a blast but if you need any help, we'll be around... just make sure you catch us early because all the free drinking means we'll probably be wasted before dinner!



**Don D'Souza**  
CHEM 0T5  
Suds Finance Manager



**Eamon McDermott**  
NSCI 0T5+=2  
Suds Operations Manager





This action was not out of shame, but rather out of reverence for the young noblewoman.



# skule™ nite

Right from the start, Skule Nite 2005 (subtitled "A Lot Can Happen on a School Night...") was called "a musical comedy adventure of epic proportions" – and epic it was! This year's show clocked in at a record-breaking 3.5 hours (though one third of that time was taken up by laughter). SN 2005 will also be remembered as a show that redefined the genre: As the show progressed, recurring characters from different sketches and musical numbers started meeting, and their stories intertwined, to form a great big madcap adventure that included EngSci students traveling to Europe to find their missing professor, an evil plot by Greenland to take over the world, a lonely monkey trying to find his place in the world, time-traveling fashion models, aliens flying around and being worshipped by a blue jumpsuit-wearing cult, invisible cows, crazy nun hijinks, and an intrepid washing machine out to save the day!

Skule Nite 2005 was made possible by the help of over one hundred people, some of whom are listed below:



Director:	Jon Hoss
Producer:	Mat Szeto
Stage Manager:	Jon Hollands
Head Painter:	Jessica Hunt
Master Carpenters:	Duncan Rowe
	Nathan Schnarr
Band Leader:	Nicholas Cifelli
Musical Arrangement:	David Lee
Choreography:	Karen Chang
	Kathryn Clark
Costuming:	Awi Barrett
	Charlsie Searle
Floor Manager:	Kristine Szeto
Alcoves:	Robyn Waher
	Jamie Wells

**Tech Crew**  
 Paul Andersen  
 Mike Szewczyk  
 Alexis McBride  
 Adam Gravitis  
 Marc Lesperance  
 Denise Luk  
 Christian Chicorli  
 Alex Sues  
 Cameron Fraser

**Band**  
 David Lee  
 Peter Angelo  
 Alex Ariza  
 Sagen De Jonge  
 Mike Diez d'Aux  
 Mark Jeffery  
 Mike Kostowskyj  
 Chris Milligan  
 Jason Ng  
 Chris Roscoe  
 Gen Sovereign  
 Andrew Voth  
 Kristin Wild



## SkuleNite™ 2005 Cast



Crystal Colussi



Janet Davidson



Daniel De Angelis



Sean Hockin



Susan Hogle



Esther Huh



Nazim Hussain



Laura Koch



Caleb McCready



Cathy McLeod



Andrew Ngo



Samuel Orr



Chris Peressotti



Sarah Ranco



Feraz Shere



Jordan Silverman



Leona Smith



Filip Stefanović



Padma Tata



Sam Tirgari



Jessica Warsh



Sheena Weisman

“  
 The adventure  
 begins right here.  
 ”





# A Lot Can Happen on a School Night.



Though most of the villagers were surprisingly accepting of Godiva's ride in the nude, this was not the case for all



# engineering stores

Engineering Stores  
Serving Students



Back row: Hamdi Alolabi, Mike Selvanayagam, Edward On  
Front row: Armand Marquez, Maggie Dong, Diana Galdames, Patricia Au, Michelle Lai.  
Absent: Mandy Tong



When we took over the positions of Operations Manager and Finance Manager of Engineering Stores, we knew that Stores was going to have to undergo a lot of significant changes the biggest being the renovations that took place over the summer!

That snowballed into something bigger, as we then moved on to introducing more products to students. This school year we offered the cheapest textbooks on campus with the lowest prices seen in Stores' history. One of our greatest accomplishments was ensuring the return of the leather jackets for the 2004-2005 school year. This year's program was more successful than we had originally anticipated.

Much of our success we owe to our hardworking and diligent employees. Without them, Stores is nothing! Long live Engineering Stores!



Diana Galdames – Stores Finance Manager 04-05  
Patricia Au – Stores Operations Manager 04-05

la revue

# PROJECT magazine

Project Magazine, the voice of Canada's engineering students, is dedicated to providing comprehensive relevant content for engineering students across the nation. Project Magazine is currently based in University of Toronto and publishes two times a year, both in English and French.



General Manager/Directeur Général  
- Kharthick Kathiresan



Editor-in-Chief/Rédacteur-en-Chef  
Amy Jiang



Layout Editor/Responsable de la mise en pages  
Norman Goh



Graphics Editor/Graphiques  
Roger Mong



French Editor/Rédacteur en Français  
Preetha Stephen



Translation Director/Directeur de la traduction  
Frédéric Dupuis



English Editors/Rédacteurs en Anglais  
Dan Bolintineanu  
Alex Curelea  
Max Wong

Office Manager/Directeur de Bureau  
Eric Chung

Layout Team/Équipe de Mise en Pages  
Belinda Li  
Edward On  
Eric Tsoi

A group of townsmen, prompted by the clergy, had decided to barricade themselves in their home for the entire day.





CESA (Chinese Engineering Student Association) is here to...  
 1) Promote friendship and communication among Chinese students, professors, alumni and students of different cultures. 2) Bring about better understanding among various groups of Chinese Engineering students by involving the students in both academic and recreational activities. For the past 30 years, we've been able to achieve these objectives through our yearly activities to promote the Chinese culture to students at the University. There's our Moon Festival (where we bring foods representative of our culture to the student body) and the Chinese New Year activities which includes the performance of lion dancing in the atrium. With close to 600 members from different ethnic backgrounds, we organize yearly sports events, dances and banquets that can be enjoyed by everyone. Every year we organize a Winter Banquet, Basketball Tournament and a Ski Trip during reading week just to name a few.



Who said engineers aren't creative? To allow for the expression of the creativity of the engineering student body, we also have our own publication, "CESA Times". Throughout the years, we've evolved from a newspaper to a magazine that includes articles written in both English and Chinese. Our involvement is not only limited to within the boundaries of campus. We also contribute to the community through volunteer work with local charities including organizations like the Mon Sheong Foundation.



None of these events and activities would have been achieved and brought to our members without the dedicated efforts of our Executive team:



- President: Virginia Chu
- VP-External: Carrie Lau  
Eric Tsoi
- VP-Internal: Krystal Chan  
Evean Qin
- Treasurer: David Woo
- Coordinator: Andy Lai
- Secretary: Holly Wong
- Art Directors: Cindy Lau  
Chantel Lyew  
Helen Wong
- Cultural Directors: Mei Ling Chen  
Canning Wong  
Aina Zeng
- Social Directors: April Chan  
WingYee Cheung  
Godmans Chow
- Sports Directors: Edward On  
Eugenia Tam  
Howard Tran
- Technical Directors: Terry Huang  
Joseph Li  
Danyao Wang
- CESA Times Director/Editor: Ivy Yang  
Ke Zhang
- Yearbook Directors: Rachel Chan  
Jane Zhang

# engineers without borders



## U of T Chapter



We are the University of Toronto Chapter of Engineers Without Borders Canada (EWB-ISF), a registered Canadian charity. Our chapter was started in January 2001.

EWB envisions a world of opportunity, dignity and freedom, where all people can meet their basic human needs and attain their full potential.

Unfortunately, we see a world in which billions of people in the world's poorest communities struggle every day in the face of great adversity. As Engineers, we believe in the power of technology to drive extraordinary change. There is great potential for people to use technology to improve their livelihoods, but it must be properly harnessed - incorporated into each community's social, cultural, historic, economic and political context.

With a membership of 900+ students, EWB is extremely active and has a number of different projects, events, outreach and educational initiatives such as: High School Outreach, Renewable Energy, CATIMAC, Human Development Booklet, Member and Community Workshops, Overseas Work

Visit our website: <http://toronto.ewb.ca> or email us at [utoronto@ewb.ca](mailto:utoronto@ewb.ca)



U of T EWB Exec

President: Kirsten Groody

VP Operations: Francis Kung

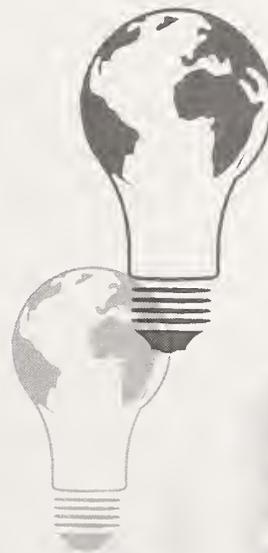
VP Events: Monica Samec

VP Public Relations: Humairah Irfan

VP Finance: Pulkit Gupta

VP Internal: Alvin Chick

Secretary: Sonya Marion



They locked their doors and closed their shutters



# business club for engineers

For many of us, I believe this academic year has been quite different than all the other years, since for the first time a business-oriented club was created for engineering students. Business Club for Engineers started its activities only about 8 months ago, and now, with over 150 members, it is one of the biggest affiliated clubs registered with the University of Toronto Engineering Society. This could not have been achieved if I did not have the great support of the club's executives: Fan, Farshid, Franklin, Herman, Leo, and Nathan. Thanks to the great work of our Executives Committee, especially Nathan Trainer, we were able to organize several conferences and invite some of the well-respected businessmen of our society. We also had two stock market competitions running this year. I gotta tell you, there are some geniuses among us! All our winners had made over 20% profits on their initial investment in less than three months. Our BBQ event was also very successful.

Our club will also be active during the summer... a group of 10 will be creating a business plan to enter into competitions with other universities. To learn about entrepreneurship on our club, you better not be a fourth year student because you are going to miss a lot next year! From September 2005 onwards, we are going to have weekly conferences and trips to TSX and some financial institutions, plus lots more! Best wishes and good luck for all of you!

## BCE 2004-2005 Exec

President:	Bijan Shahrokhi, ELEC OT6
Organizing Director:	Nathan Trainer, MECH OT5
Social Director:	Fan Gao, ELEC OT7
Business Games Director:	Franklin Zhang, CHEM OT7
Secretary:	Herman Wong, NSCI OT7
Treasurer:	Leonid Mordoukhovski NSCI OT7
Webmaster:	Farshid Fotouhi, COMP OT6





# lgbtout engineering



LGBTOUT ENGINEERING (Lesbians, Gay, Bisexuals, Transgendered Out University of Toronto) is a group where students of all levels of openness may come and find a social outlet to meet other students in a fun & safe atmosphere! This past year has been a great success for our group with a membership of about 40 students. Through our charity BBQ we raised the first \$90 towards the LGBTOUT Student Award Fund. Our village pub tour during Godiva Week was a HUGE success in introducing over 60 engineering students to some of Church and Wesley's finest gay establishments! Uniform night at the Black Eagle will always be remembered! A special thanks goes out to all those who have helped to make this past year such a great success for LGBTOUT ENGINEERING!

Greg Fisher  
MECH OT5  
LGBTOUT  
Engineering Chair



They refused to accept that Godiva's actions were righteous in nature and that she was not a covetous temptress





The Engineering Skule Stageband had an amazing 0T4-0T5 year. Weekly rehearsals in good old GB115 led up to a string of great performances. Highlights include performances at SUDS, the CFES Conference, Cannonball, The Arbor Room at Hart House, and for the first time ever, a performance at Gradball!

U of T Engineering's  
**SKULE™ STAGE BAND**

The band would like to thank those who made it possible for them to play together this year, as well as all those who came out to listen to us. Finally, I would like to thank the band for all their hard work through the year. Your talent made my job easy! Anyone interested in engineering some Jazz next year, keep your ear to the ground for information about our open rehearsals in September!



**Chris Milligan**  
INDY 0T6  
Skule™ Stageband Director 0T4-0T5



# BMES



# cube @ bmcs conference

The Biomedical Engineering Society (BMES) Conference was an opportunity for students, professors, doctors, and industry members from around the world to discover what is new in the world of Biomedical Engineering. The BMES was been created as a way to, "promote the increase of biomedical engineering knowledge and its utilization." The 36th annual conference, held in Philadelphia, Pennsylvania from October 13th to October 16th, 2004, was complete with four University of Toronto undergraduates: James Correia, Russell Rasquinha, Nuala Trainor, and Aileen Zhou. As members of the Club for Undergraduate Biomedical Engineers (CUBE), we were able to attend the conference as student volunteers. This year's meeting had a record breaking 582 presentations and 705 posters. Essentially, our excursion included volunteer responsibilities, poster sessions, technical talks, and evening events. The combination of these allowed for a very enjoyable opportunity to associate with those of similar academic interests.



Left to right: Aileen Zhou (U of T delegate), Marom Bikson (Professor: City University of New York), Nuala Trainor (U of T delegate), Siavash Yazdanfar (postdoc: MIT), James Correia (U of T delegate), Ali Khademhosseini (PhD candidate: MIT; U of T Chem Eng, 9T9), Russell Rasquinha (U of T delegate)

Tom, the gentle town cobbler, who was also an amateur artist and whose religious convictions could not inhibit his creative spirit.



# wise

Women in Science & Engineering (WISE, U of T) is a co-ed national student organization dedicated to promote young women in Science and Engineering through support, skill building and networking within and beyond the university community. Every year we strive to accomplish these goals with various activities. These include workshops and excursions to research facilities. They provide the opportunity for students to interact with successful working women and gain from their experience and knowledge. We also provide a community and network for our members to share experiences and information. For example, we host a series of seminars that is focused on giving Science and Engineering students a glimpse into the choices they have after graduation, from careers to graduate schools.

We have launched several new initiatives for this year ('04-'05):

- Breaking the Glass Ceiling series, featuring many prominent female speakers and an end-of-yr award for an outstanding female leader. This year's award goes to Prof. Yu Ling Cheng of NSCI
- Wendo Self-Defense and Work Assertiveness Workshops
- WISE Buddy Program

For more info:

Email: [wise.club@utoronto.ca](mailto:wise.club@utoronto.ca)

Web: <http://wise.sa.utoronto.ca>



## WISE Executive 2004-2005

General Co-Directors

Helen Kam, Human Bio 0T5

Jennifer Pereira, CIV 0T5

Internal Communications Director

Jennifer Yen, Life Sci 0T7

External Relations Director

Pauline Wu, INDY 0T5

Finance Director

Tahmina Afroz, CHEM 0T6

Publicity Director

Susan Kapetanovic, CHEM 0T6

Media Correspondence Director

Janice Lui, Life Sci 0T7

Membership Director

Dominica Yi, Human Bio 0T6

Web Site Admin Director

Tina Tahmoureszadeh, ELEC 0T6

High School Outreach Program

Judy Ue, CHEM 0T5

Renata Villela, Human Bio



Helen Kam  
Human Bio 0T5  
Co-Director General



Pauline Wu  
INDY 0T5+PEY



Tahmina Afroz  
CHEM 0T6



Susan Kapetanovic  
CHEM 0T6



Tina Tahmoureszadeh  
& Mojdeh Zamyadi  
ELEC 0T6



Judy Ue  
CHEM 0T5

# hi skule™ committee

The HiSkule™ Committee is a group of enthusiastic engineering students who are very dedicated to organizing prospective student recruitment events with the Engineering Student Recruitment and Outreach Office. This year, as chair of the HiSkule™ committee, I was given the chance to work with a team of wonderful people. From organizing an Amazing Race type challenge for Frosh for a Day, to coordinating prospective tours, to representing the fun Skule™ image to HiSkule™ students during March Break Open House, participation in National Engineering Week events and finally piloting the girls mentorship program. Through various outreach activities, the HiSkule™ committee has evolved from a dynamic team of enthusiastic engineering students to experts in organizing fun, informative and interesting events that attracts prospective students in coming down to UoF to learn about us. We have also worked on prospective student presentations closely with ESROO and given our feedback from the perspective of current students. For next year, the main objective of the HiSkule™ Committee is to encourage participation from our current engineering students to our events to show off some Skule™ spirit to the Pre-F!rosh and to share with the Pre-F!rosh their unique University/Skule™ experience. I mean, who would miss an event that involves throwing a pumpkin off the 2nd floor of SF into the pit? Or even better, to have your input heard for something that's even crazier but fun at the same time !?!



**HiSkule Liaison Director:** Ada Shang, NSCI 0T7  
**ESROO staff:** Jennifer Stevenson

**Committee Members:**

- Bernard Wong, MECH 0T7
- Claudia Wu, CHEM 0T7
- Henry Cheung, NSCI 0T7
- Jason Chang, NSCI 0T4+PEY+MBA
- Jasper Chan, NSCI 0T7
- Mahvish Ashraf, ELEC 0T7
- Melanie Yeung, NSCI 0T7
- Michael Rennick, NSCI 0T7
- Natasha Sunderji, NSCI 0T4+PEY
- Niteen Odedra, CHEM 0T6
- Patrick Lam, NSCI 0T5 + PEY
- Paul Radcliffe, NSCI 0T7
- Shannon Guimond, INDY 0T6



Tom peered out of his window under a shroud of shame



# blue sky solar racing



UNIVERSITY OF TORONTO BLUE SKY SOLAR RACING is a student directed program that applies higher education in advancing renewable energy technology and environmental decision-making.



NORTH AMERICA



AUSTRALIA

PROJECT OBJECTIVES

Demonstrate excellence in education through the design and construction of a world-class solar racing vehicle that will represent the University of Toronto, Toronto and Canada on the international stage.

Advance critical thinking skills by combining learning with doing.  
Facilitate multi-disciplinary communication and community growth by combining a wide range of specializations on issues of industrial design and technological growth as they impact the environment and social values.

Engage communities both locally and abroad, thereby enhancing the student experience and stimulating the public imagination.



THE TEAM

Blue Sky Solar Racing is made up of undergraduate and graduate students and alumni volunteers from the *Faculty of Applied Science & Engineering*, the *Faculty of Arts & Science*, and the *Joseph L. Rotman School of Management*. Team members are committed to demonstrating the viability of alternative energy technology and the practical benefits of a multidisciplinary approach to solving problems. By the 2005 race season, the team will have grown to over 250 members.



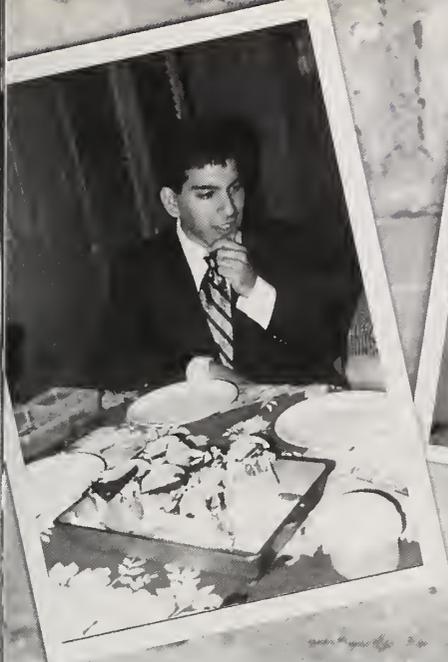
2005 SEASON

After placing 11th in the American Solar Challenge in July of 2003, the solar car team decided to go back to the drawing board and design, for the 2005 racing season, a larger vehicle that would sit a driver and passenger. With a record number of new team members joining and a solid team core comprised of experienced members from previous cycles, the team is poised to bring innovation and leading edge technology to the upcoming North American and World Solar Challenges.

170 1/2 hrs / group

in memory of ...

Andrew K. Frow  
1983 - 2004



Andrew Frow  
Mech 015



... only to be enlightened by the heavenly sight before him



# concrete toboggan

The Great Northern Concrete Toboggan Race (GNCTR) 2005 took us all the way to Calgary, Alberta, where 26 teams from around Canada converged on an Olympic Hill to vie for the title of fastest concrete toboggan in the world. The University of Toronto sent a total of 26 warriors to Calgary. We arrived at our hotel just after lunch, and thanks to mapquest, had located the nearest convenience and liquor store prior to arrival. All was necessary to "prepare" for the opening ceremony which was to take place later that evening. At the opening ceremony we met the competitors, rekindled old rivalries, performed a well written but poorly executed skit, then it was back to our rooms to finish the night in a typical engineering manner.



The next day was a struggle to get out of bed, but it was competitor interaction day (i.e. Ditch the group and go downtown day in true U of T fashion.) That night we were whisked away to a bar called Outlaws where U of T secured a permanent place on the dancefloor. The moves of some of our team members were almost impossible to reproduce. At one point I thought it was a good idea to give away our ID passes for Mardi gras beads; a move that would prove to be regrettable the following morning.



The day before race-day was the technical exhibition. We took it easy and brought one single tarp, which was very professionally painted by a few of our team members. The day was filled with cheering and impressing the spirit judges, while on the side sneaking a peek at the competing toboggans and displays. At the end of the day no one had a voice left, which had no affect on our activities that night. We were taken to the popular bar Cowboys, which is known for its wings! Too much line dancing... back to the hotel.

Finally race-day!!! We had to wake up way too early, then drive to what seemed to be the steepest hill in the Northern Hemisphere. The day was full of thrills and spills most of which were provided by our team. U of T's previous top speed of 50 km/h was easily crushed this year due to the unforgiving steepness of the hill. In our first run, we hit 66 km/h and deployed the brake. Our toboggan stopped within 3 feet of where the brake hit the ground, however our 5 riders proceeded to travel an additional 20 feet at 56 km/h. With the penalty of 5 points per rider falling off the toboggan, and a penalty of 15 points for braking, it was clear we were out of the running for 1st place. With our steel yielded and our brake busted, we showed no fear and attacked the hill one more time. Our run was cut short however, when our toboggan kissed the bank and flipped, scattering riders in all directions. In the end no one was seriously injured and the day was quite enjoyable! At the closing ceremony we discovered that we won the award for Best Mix Design and Most Spectacular Run. An 8th place finish but an overall amazing time. GNCTR 2006 - be prepared!



Team Captain: Chris Pearson

Sponsorship Head: Anthony Lomotan

Construction Head: Adam Boddy  
Mike Krynski

Theme Head: Nastassja Liebenow

Team: Benjamin Shindman  
Carlo Ceccarelli  
Catherine Korinek  
Daniel Ludwin  
Dave Abanese  
Dave Shapero  
Helen Lin  
James Cooper  
Jennifer Assal  
Jon Wilder  
Karen Montain  
Laura Fawcett  
Luca Brienza  
Mate Jurkins  
Nick Sebastian  
Anthony Sinaguglia  
Utako Tanebe  
Yasaman Servat-Talab

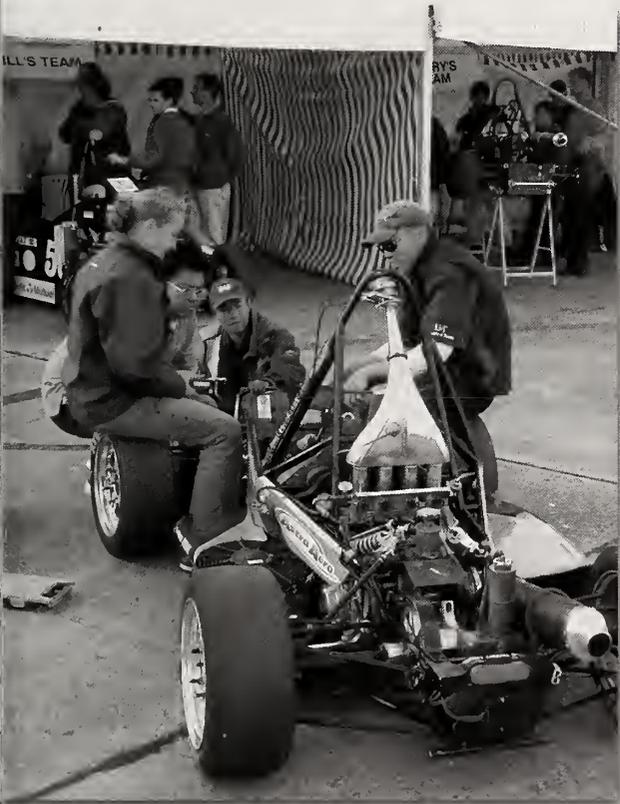




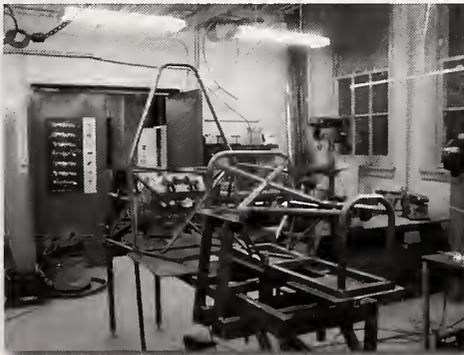
The 2004 racing season was one of great success. The enormous amount of time that went into designing and building the 2004 race car paid off with excellent results achieved in our competitions. We placed 21st out of 140 teams at the Formula SAE competition in Pontiac, Michigan, and a close 2nd out of 60 teams at the Formula Student competition in Bruntingthorpe, England.



# formula sae



The 2005 season is off to a great start. All members of the team are contributing a lot of time and effort into making this car even better than last year. We hope to see this car continue the trend of fast, reliable, and well designed cars that have been made in previous years. Over the past year the team has grown to approximately 55 people, with many new enthusiastic members who have already contributed a lot to the team. We are looking forward to this year's competitions with the anticipation of many successes. We would like to extend our gratitude to SKULE for your continued support in this year's competition. We would also like to thank all of our sponsors, faculty advisors and supporters, and team members for all their help. For more information about the team, news, pictures, and upcoming events, please check out our website at [www.fsae.utoronto.ca](http://www.fsae.utoronto.ca).



## Formula SAE Exec 2004-2005

- Team Manager: Huang Ium, MECH 0T6
- Business & Management: Nadia Boin, CHEM 0T5+PEY
- Events Coordinator: Jeff Rossi, MSE 0T5+PEY
- Purchasing Coordinator: Paul Friday, MECH 0T6
- Recruiting Manager: Kevin Key, MECH 0T7
- Technical Directors: Jerry Zielinski, MECH 0T4+PEY  
Gabor Legeny, NSCI 0T4+PEY
- Chassis Leader: Maggie Lafreniere, MECH 0T6
- Suspension Leader: Daxin Zhao, MECH 0T4+PEY
- Coordinator: Andrew Wong, MECH 0T6
- Electrical Leader: Mike Czajka, UTIAS Grad Student
- Engine Leader: Antonio Gomes, MECH 0T6
- Drivetrain Leader: Stefan Kloppenborg, MECH 0T7



He dashed to his canvas, applied a concordance of colour, and painted a majestic impression of the Lady of Godiva on her steed



# dragon boat



The 2004 Iron Dragons had an outstanding 4-month season. Our team, made up of 30 engineering students, began training in May. Gruelling land practices consisting of endless push-ups, sit-ups, running, and everyone's favourite - CIRCUITS!, conditioned us while we practiced twice a week on the water at Sunnyside Beach. Who can forget those beloved 6 am meeting times, road trips to Waterloo, riding the pipe, losing our steersman in the lake, paddling in hailstorms, cussing, tug of wars, team dinners and more team dinners.

The U of T Engineering Iron Dragons is a team well known for promoting hard work and fun. Members of this year's team will certainly agree that the team has a unique energy and spirit about it. In the dragon boat community, we are known for our enthusiasm and liveliness and our reputation for being a strong, competitive team is growing. We have definitely become a team to watch out for.

Congrats, thanks for a great season and see you next year!

Jermaine Poon, Co-manager

IRON DRAGONS: U of T Engineering Dragon Boat  
<http://dragonboat.skule.ca>  
[dragonboat@skule.ca](mailto:dragonboat@skule.ca)



This year, in our most competitive and successful year to date, the team participated in 4 races:

Toronto International Dragonboat Race Festival:  
 Division F – 2nd place  
 University Cup Division A final – 3rd place

Kiwanis Dragon Boat Festival in Waterloo, Ontario:  
 College and University Consolation Division – 1st place  
 "Loudest Team" award!

Summer Sensation:  
 Mixed F – 1st place

GWN Dragon Boat Challenge:  
 Division F Consolation – 60th overall out of 129 teams



The University of Toronto Concrete Canoe Team is a multi-disciplinary design team with members representing every Engineering department in the faculty. Faced with the challenge of making a concrete canoe buoyant, yet strong enough to race, we apply our creativity as well as our technical knowledge to this exciting project.

Last year, the team constructed a canoe twenty feet long, weighing only 172 pounds. Benefiting from our experience in previous years, along with new innovations including the use of fibres and a thorough CFD analysis, our canoe, Nikko, was stronger than any we have built before.

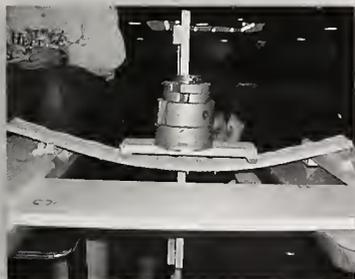
Last year, the team competed in the 2004 Canadian national competition, held in Moncton, New Brunswick. Once again, we placed third and captured the Best Team Spirit award. Our theme for the competition was "The Wizard of Oz," reflected in our emerald green canoe, as well as in our dramatic technical presentation.

This year the competition will be in Windsor, hosted by St. Clair college. In preparation, we will be working to improve every part of our design, from the materials and hull shape to the way we train our paddlers. We are confident that the team will be able to produce an innovative and competitive concrete canoe for 2005.



**2004 executive:**

- Project Manager: Nicolas Lee
- Hull Design Manager: Adam Steinberg
- Mix Design Manager: Ellen Yeh
- Composite Design Manager: Judy Ue
- Casting Manager: Rachel Chang
- Construction Manager: Andrew Little
- Paddling Coach: Mike Kranz
- Sponsorship Manager: Emily Fan
- Presentation Director: Nazim Hussain
- Logistics Consultant: Lisa Ho
- Faculty Advisor: Dr. K. D. Pressnail



... signing his name simply as 'Peeping Tom'



To say this year's University of Toronto Engineering Competition (UTEK) was a success is an understatement. UTEK emphasizes innovation and communication in 8 categories that address all aspects of design, entrepreneurship and social awareness. This year, 157 students participated in UTEK, which represents a jaw-dropping increase of 272% in competitor participation, making it the largest UTEK in Skule history! High school coaches, recruitment officers, media representatives, and corporate sponsors such as Nortel Networks, were all there to take on the action! Further, Dean Venetsanopoulos, Marta Ecsedi as well as 19 judges, made up of professors and industry professionals, provided their utmost support at the day of the competition.

This year, we introduced several new elements to UTEK in an attempt to make it a more memorable and fulfilling experience. A workshop was held to familiarize competitors with rules and provide them with tips from several judges. The H!-Skule component and the Senior Design competition were created, attracting an overwhelming response from students. We were also able to double cash prizes and host a celebration banquet at Peel Pub due to our generous sponsors.



Patrick Mok  
UTEK Director  
OT4-OT5



We would also like to take this opportunity to thank several of the admirable people that set the bar for UTEK for years to come. Firstly, to our UTEK Director, Patrick Mok, for taking on such a rigorous role, leading us through thick and thin to organize one of the most impressive events we've all seen in a long time. To Marta Ecsedi, for the endless support of the execs and making our jobs as smooth as possible. To all the volunteers who sacrificed their time to promote UTEK, to set up and execute UTEK during the day of the competition. UTEK would not have been nearly as successful without you. To the Dean, the judges, and generous sponsors for your unwavering support. And finally, to the exec team (Niki Kwok, Eric Chow, Nick Loberto, Stanley Ho, Alvin Chick, Mike Zeljkovic and Alexey Togunov) who worked tirelessly as a team in achieving success. We all harnessed our talents and skills to collectively create a masterpiece.



# mining games



The Mining Games are an annual event, involving nine universities from across Canada, and about 160 students. Each year they are held in a different university, usually during the last week of February. The games are an exciting event for Canadian mining students, allowing students from coast to coast to broaden their networking skills, and in the spirit of the Mining Games, enter into a competitive and educational environment while building lasting relationships.

This year, the games were hosted by Laurentian University in Sudbury. They involved twenty mining activities such as rock & mineral ID, mine design, AutoCAD design, jackleg drilling, blasting, mineral separation, surveying, rock mechanics, mine rescue, boat races, stock market challenge as well as team presentation on the opportunities in mining today.

Despite problems in several events we did well and ranked 4th overall. Our mishaps such as rescuing dead people in the mine rescue competition, slow or unsafe driving in materials handling, and bad luck with snapped conveyor belt during mechanical design were offset by coming first in AutoCAD, blasting, Min ID, and stock market challenge in which we made over \$12.3B in less than 3 months.



In spite of being serious underdogs, we also did extremely well in boat races, where we eliminated U of Saskatchewan and U of Laval, and ended up in 2nd place after losing to the Lumberjacks from UBC. Although we did not win, the team had an amazing time, learned new things and most importantly gave a good representation of U of T. Our 2-wheel driving and 360 degree spins on Bobcat, fireworks, "beer funnel and flaming Absinth in room 234" will sure be remembered by all.



was lost through time, other paintings from artists of the era endured into history books and museums for all to appreciate



# cfes congress

Canadian Federation of Engineering Students Congress 2005

From January 2-8, 2005, the University of Toronto Engineering Society hosted the Canadian Federation of Engineering Students (CFES) Congress. The CFES represents 46 engineering schools from across Canada, consisting of over 51 000 students. Congress is the annual conference of the CFES, where representatives from member societies come together to exchange ideas and experience, elect the CFES executive, and bid on hosting CFES events.

Highlights of Congress 2005 include:

- The Ontario Hospitality Suite, a toga party that introduced Suds, the Mighty Skule™ Cannon and the Lady Godiva Memorial Bnad to our delegates.
- The West Hospitality Suite, also hosted at Suds, where we watched the Canadian Junior Men's Hockey Team win gold at the World Junior Hockey Championship. The West night featured some classic Ontario bashing and games of Hoe Down.
- The Stage Band entertained the Congress participants as they ate dinner at Suds during Queblantique Hospitality Suite. Karoke and some regional drinks made this final hospitality suite a wild night.
- Keynote speakers were Mike Lazardis, President and Co-CEO of Research In Motion, Canadian Space Agency astronaut Bjarni Tryggvason and Jason Carvalho, founder of the Canadian Social Entrepreneurship Foundation. Guest speakers at the conference include Prof Greg Jamieson, Prof Mark Fox, John Voss, President of the University of Toronto Alumni Association and many others.
- CAN-Traption was held for the first time at Congress. This event saw each participant donate 5 canned food items, which were than used in a design and build competition. The Ontario-Atlantic team won with their design entitled "Charity". The CAN-Traption event collect over 1100 items of canned food that was donated to the Daily Bread Food Bank.

Congress 2005 was a great success due to full support of the University of Toronto, and more specifically the engineering community. We showed engineers across Canada what Skule™ spirit is all about.



CFES Congress  Congrès FCÉEG  
**UNIVERSITY OF TORONTO**  
 January 2 - 8, 2005 / du 2 au 8 janvier 2005



## CFES 2005 Executive

Chair:	Richard Wiltshire
Director of Finance:	Diana Galdames
Director of Logistics & Hospitality:	Nazar Hossain
Director of Sponsorship:	Ashley Taylor
Director of Sponsorship:	Virginia Chu
Director of Communication:	Hans Hesse
Director of Administration:	Nicole Di Carlo





As for Leofric, he soon realized that no one thought less of him as a result of his wife's actions.



# csche conference



The CSChE (Canadian Society for Chemical Engineering) is dedicated to the advancement of Chemical Engineering in Canada. Its members consist of practicing Engineers in industry and members of Chemical Engineering academia, including a large student member base. The University of Toronto Student Chapter strives to answer the question "What is Chemical Engineering?" for undergraduate Chemical Engineering students through information sessions on PEY, Graduate Studies, and the Jeffrey Skoll BASc/MBA Program, as well as organizing plant tours.

The highlight of the Student Chapter's year is to organize a trip to the annual CSChE Conference. This year, twenty students traveled to Calgary, Alberta to network with practicing Engineers, Professors, and other undergraduate students from across the country.



'04-'05 CSChE Student Chapter (Left to right above)

- Treasurer: David Small, CHEM 0T5
- 3rd Year Rep: Ricky Cheung, CHEM 0T6
- 2nd Year Rep: Mimi George, CHEM 0T7
- Chair: Paul Chavez, CHEM 0T5+PEY
- Faculty Advisors: Prof. Grant Allen
- Vice-Chair: Prof. Levente Diosady (missing in photo)
- Secretary: Roki Fukuzawa, CHEM 0T6
- 4th Year Rep: Dima Saghier, CHEM 0T6
- Webmaster: Philip Cho, CHEM 0T5
- Alex Rhee, CHEM 0T5



Four of our students made presentations in the undergraduate student competitions and 3 came away with awards (2 firsts and 1 second). Since there were just 2 competitions, this is as close to a sweep by U of T as you can come. Congratulations to Tanya Hauck, 0T5 (1st place, Robert G. Auld Student Paper Competition), Karina Lorenzo, 0T6 (2nd place, Robert G. Auld Student Paper Competition), and Agnes Durlik, 0T5 + PEY (1st place, Reg Freisen Student Oral Paper Award). Thanks for a great year! We look forward to seeing you at the next CSChE conference to be held in Toronto on October 16-19, 2005.



Paul Chavez  
CHEM 0T5+PEY  
Chair, CSChE U of T Student Chapter

# ece montreal trip

January 7-9th, 2005

Every year, the 4th year ECE's decide they've had enough of Skule, declare a long weekend, and head over to Montreal for three days of mad, crazy partying. Two buses full of the best ECE's headed over to Montreal, and set up camp in the illustrious Crowne Plaza hotel. There was much skiing, casino visiting, clubbing (and, we hear, even a bit of drinking!) done by all. Alas, the trip was too short, but it was a blast!!!



In fact, nobles from neighbouring regions were so impressed with Godiva's valour





athletics association

s-dance

broomball tournaments

field hockey

flag football

ice hockey

inner tube water polo

osie

rugby

soccer

ice ball

sports

# engineering athletics association



The EAA (Engineering Athletics Association) organizes all the Skule™ intramural sports teams, some clubs, and other random activities. From Ice Hockey to Field Hockey, Volleyball to Rugby and everything in between (ever tried Lacrosse? Or Innertube Waterpolo?) we're the place to come for sports! If you can walk, run, throw, jump, swim or skate (heck even if you can't do any of the above) we need you! We've got some cool clubs where you can experience rock climbing, skiing, and much more! As well this year, keep your eye out for stuff like table tennis or croquet happening in the Pit. Come drop by, we're in the Atrium (aka cafeteria) beside the Engineering Society and our sign-ups are on the big boards in the Sandford Fleming entrance.

As for who we are, we're just a bunch of your fellow Skulemates who want to be active, involved, and more than occasionally goofy. You can usually find some of the council members in and out of the office or in the AC. Check out the sign-up boards to find out who the sports commissioners are (these people organize the individual teams and will be able to tell you when and where games/practices are for each sport). Things usually get underway in the first month of school so don't miss out! If sports aren't your thing, but you still want to be involved, come drop by our monthly meetings and bring ideas, suggestions or comments. Or just come and party at the S-Dance, our end of year banquet awards/dinner dance! We're here to make the engineering life a little more fun so come join us!

## Engineering Athletics Association Exec 0T4-0T5

President:	Mike Dunne
VP Administration:	Justin DeLuca
VP Finance:	Lamar Lugli
Men's Director:	Kevin Waher
Women's Director:	Nicole Tessaro
Co-ed Director:	Nastassja Liebenow
Tournaments Director:	Adam Boddy
Publicity Director:	Allison Simmonds
Equipment Manager:	Stephanie McTague
S-Dance Coordinator:	Kathryn Edwards



# edca broomball



broomball tournament champions



# edca flag football



flag football division 1 champions



...that they began to remove their own outrageous taxes!



# ecia field hockey

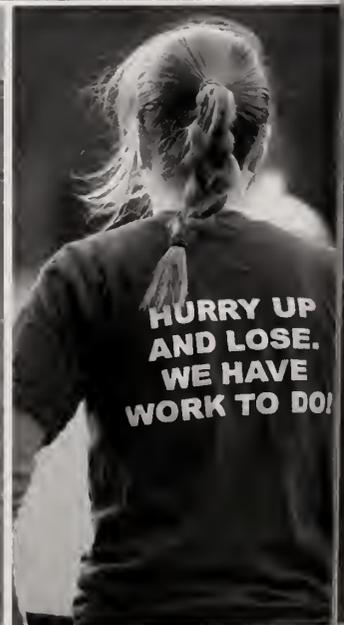


women's field hockey champions



Women's Field Hockey, Commissioner: Sonya Marion

For the first time in the history of the engineering ladies field hockey team, we won the intramural championships -Yay Skule! We finished the regular season in 4th place (one win, two ties, and two losses); advancing to the playoffs, we met first place Innis-Trinity on a Saturday morning. Needless to say, we left them in our tracks 3-2, and headed to Mississauga the following Sunday for an exciting final game. After 40 minutes of regulation time the game was tied -- forcing a 10 minute overtime period that also failed to deliver a winner. The game went to a shoot-out --"Strokes". Kelly Chen (Chem OT7) made 4 awesome saves, but their 5th player scored, putting pressure on our shooter who returned the favor. Sudden-death Strokes pursued; Kelly was rock-solid in net until Daphne Sniekers delivered the game winning blow. Did I mention that no one actually knew how to take Field Hockey Strokes on our team? Our stellar roster this year included Kathryn Nikkanen, Melanies Yeung, first year Amanada Leung, Stephanie McTague, Allie Simmonds (our strong hold at mid-field), Caroline Lai, Daphne Sniekers, Wenli Kelly Chen, and Sonya Marion. "Go-grrrr-skule-Go"!!





men's ice hockey



men's ice hockey



And yes, as promised, Leofric removed all taxes in Coventry, save the one on horses.



# edca intertube water polo



co-ed div 1 won 2nd place



ecia lacrosse



women's div 1 team



To this day, the spirit of Lady Godiva lives on and continues to drive and inspire all to believe in themselves



edid rucloy





# eda soccer



men's div 1 champions

■ Women's Soccer Div 1  
 Coach/Commissioner: Nadia Berger  
 Record: 4 Wins, 2 Losses, Lost in the playoff semis.

■ This was one of the best seasons in soccer that the Engineering Women's Team has ever seen, losing only 2 games to the best two teams in the league, the team was strong and kicked ASS! Highlights included winning against the first place team, UTM 1-0, and having more than 7 players for all of our games! It was a great season!

■ Highlights: Beat UTM's ass during the season, a first for girls soccer in at least the last four years.

■ Team Roster: Stephanie Anam, Jennifer Assal, Sonia Baldassare, Nadia Berger, Sara Clark, Shauna Hickey, Andrea Ho, Keiko Kerr, Gina Lee, Tameem Rahal, Jessica Reeves, Allison Simmonds, Daphne Sniekers, Kristine Szeto, Eugenia Tam, Shevonne Wharton.

■ ■ ■ women's div 1 team



# each Volleyball



women's div 1 team



co-ed div 1 & div 2





ering companies

contacts

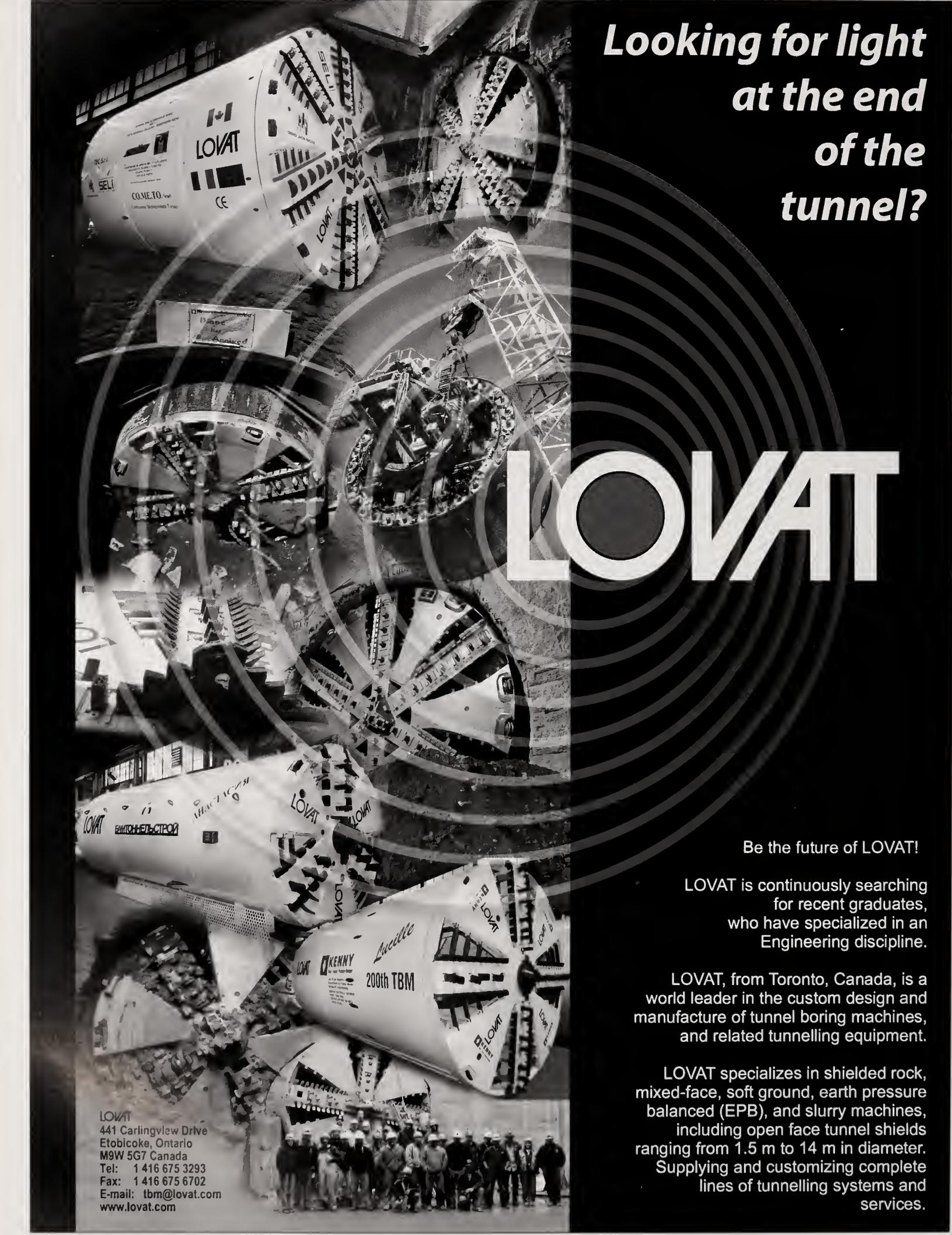
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**Looking for light  
at the end  
of the  
tunnel?**

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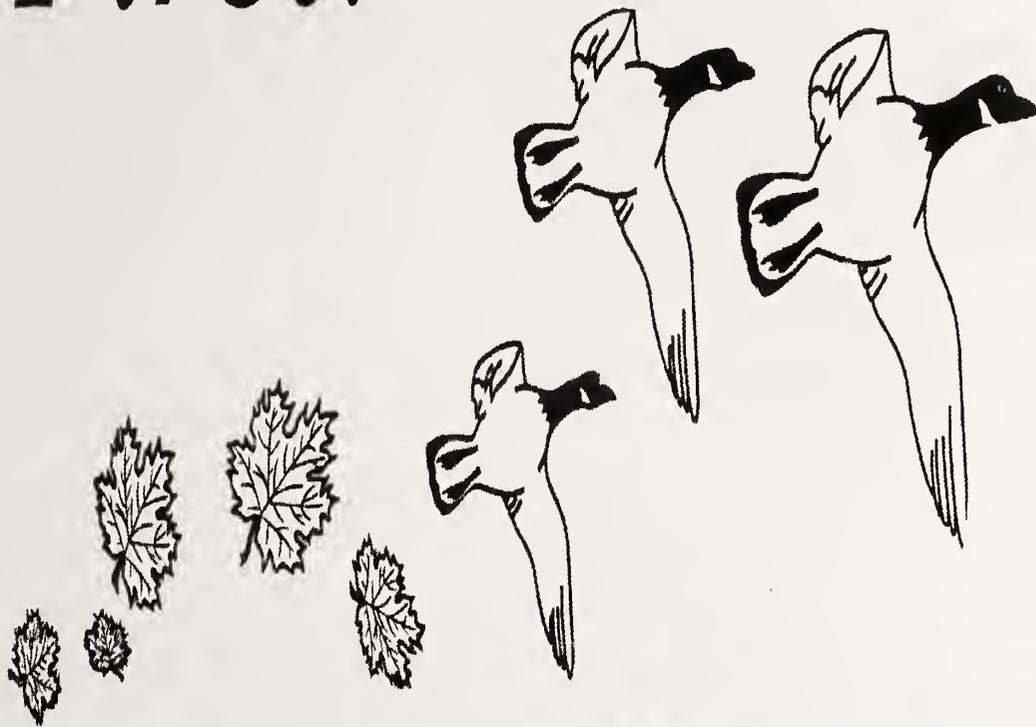
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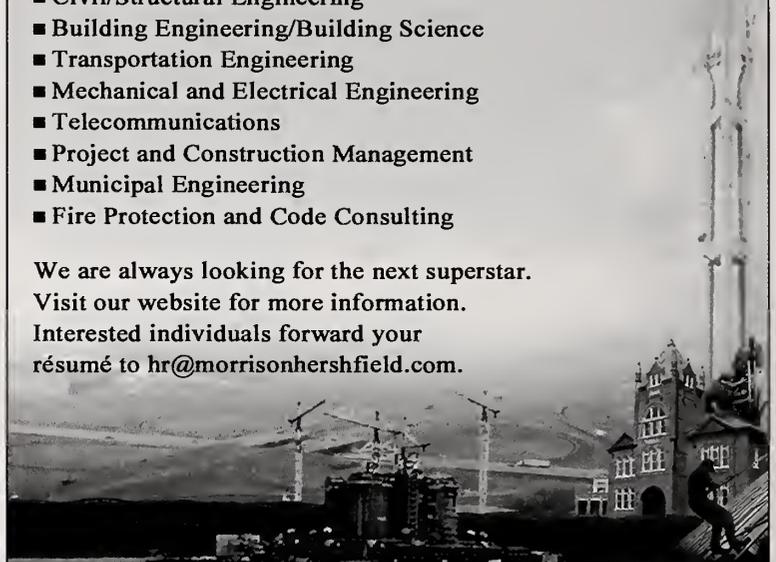


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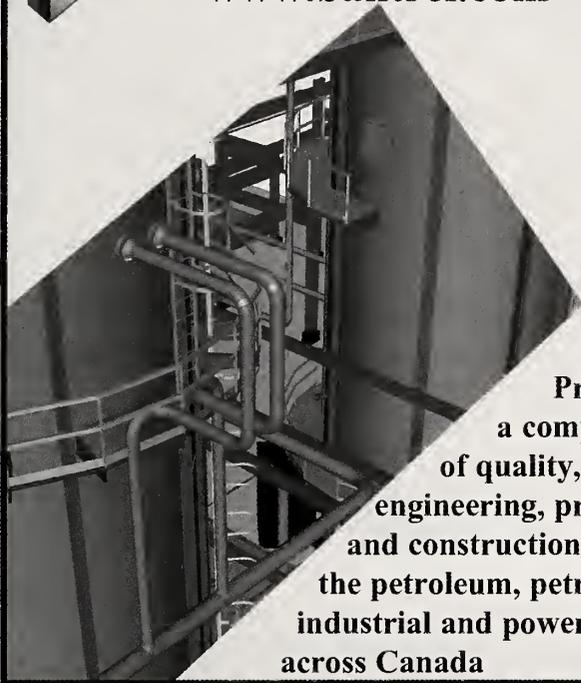
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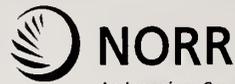




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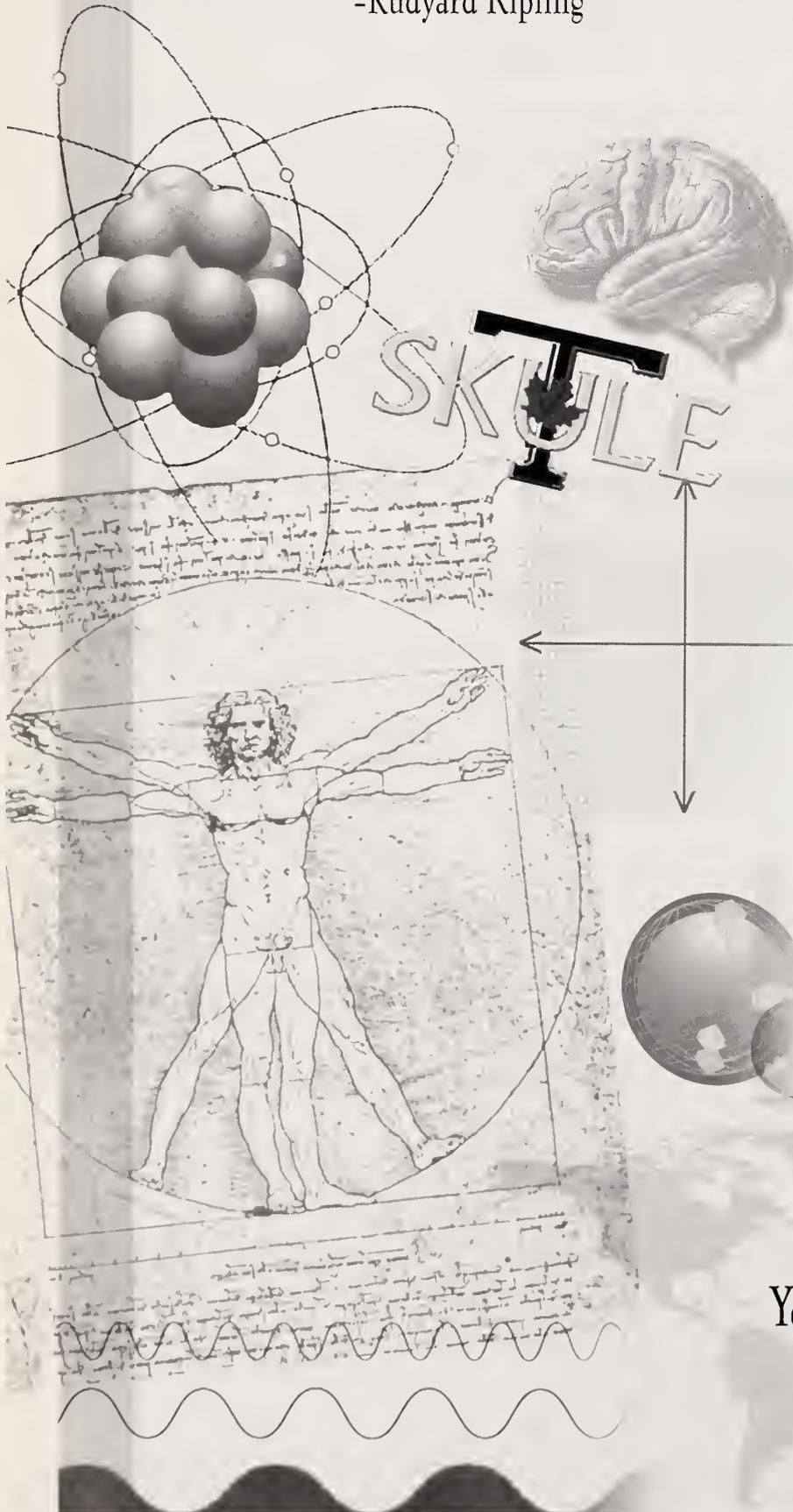
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Near the end of their final year (you will know when, there is a countdown), Engineering students attend the private and voluntary Ceremony of the Calling of an Engineer. This ritual marks the end of the struggle to become an Engineer.

Sometimes known as the Kipling Ritual, the ceremony was developed by Rudyard Kipling at the suggestion of Prof. Herbert Haultain of the University of Toronto, and remains virtually unchanged since its inception in 1925.

The ring itself symbolizes the pride we have in our profession while, at the same time, reminds us of our humility. With the privilege of wearing the iron ring comes the responsibility it represents. It symbolizes our moral and societal obligations.

The Iron Ring reminds us, as Canadian Engineers, that we must do our jobs well or others will suffer the consequences.

More information about the Iron Ring can be found at [ironring.ca](http://ironring.ca)

Congratulations Class of OT5!  
Your legacy at Skule™ won't be forgotten...

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"The palette of colors in memory"

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As generation after generation of aspiring engineers  
of Convocation Hall, they first encountered  
through the Engineering hymn. Her legend  
a tale of a fearless individual taking action in  
...a story of a female advocate in  
Lady Godiva was the

Yet as the pages in history have turned  
many have forgotten  
As the old Chinese proverb  
"The palest ink

so let this yearbook be your reminder  
on Godiva  
while reminding you of your journey a