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THE IRON WARRIOR

THE NEWSPAPER OF THE UNIVERSITY OF WATERLOO ENGINEERING SOCIETY

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Sedra Nears End of Term as Dean, Reflects on Accomplishments

BAHMAN HADJI
4A COMPUTER

Dr. Adel Sedra began his five-year term as Dean of the University of Waterloo Faculty of Engineering on July 1, 2003 after having spent the previous 37 years of his academic life at the University of Toronto, having gone from a master's student all the way to Provost of the University. Dean Sedra took time out of his busy schedule to sit down with me on May 10th and discuss his first term as Dean for an exclusive two-part feature in The Iron Warrior. In this installment, Sedra talks about the growth of the undergraduate program and some of his accomplishments so far, among other topics.

The Dean's most important initiative throughout his time here has been the planning exercise that he put in place, which took shape as the Vision 2010 plan. The plan is an ambitious and broad set of goals, with its main objectives being that by 2010, Waterloo Engineering aspires to be the premier Engineering school in Canada in all facets of what it does, and to be counted among the top schools in North America. "It's very healthy for us to benchmark our activities and progress relative to that of our peer institutions. Both the process of the planning and the result are things I'm proud of, and they will help the Faculty both in the present and in the future," he said. "The process we put in place is comprehensive, consultative, iterative, and includes everyone who works and studies here. . . It is all about an investment in people – faculty, staff, and students."

At the undergraduate level, the Faculty will have introduced three new programs over four years as of this fall: Mechatronics



Dean Sedra is proud of the new programs and the excitement they have generated about Waterloo Engineering.

in 2003, Nanotechnology in 2005, and Management this year. But the growth has not come at a cost to the existing programs. "Undergraduate programs come with their own funding, both from tuition and from the government. The Ontario government has been expanding the number of spaces available in Ontario universities. So, Waterloo Engineering, rather than just taking more students in

the conventional programs, we decided to expand by creating new and innovative programs, which brought in new money," the Dean explained. He believes this strategy will prove to be right, as the number of applicants to programs within the Faculty continues to grow. This past year, there was an increase of 17% in the number of applicants, which he links directly to the high school outreach

efforts as well as the new programs. "37% of all applicants coming out of Ontario high schools applied to Waterloo Engineering as their first choice, which was the top by a long margin," proclaimed Sedra happily.

The traditional programs like Electrical, Computer, and Mechanical have not seen a

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Report from the Canadian Federation of Engineering Students Congress

RUTH-ANNE VANDERWATER
4A COMPUTER



Outgoing CFES President Shawn Mondoux passes on the presidential jacket after Martha Eggenberger's ratification.

This past January, the Presidents and Vice-Presidents External of Engineering Society 'A' and Engineering Society 'B' along with four other delegates from each Society represented the University of Waterloo at the annual Canadian Federation of Engineering Students Congress in Montreal, QC, hosted this time by Concordia University. The CFES's purpose is to connect engineering students to their peers at other universities and to enhance the profile of engineering students among the general public. I will highlight the experience in the following report. First, I'll be detailing some of the upcoming CFES initiatives and then I'll be talking about some of the sessions that I was able to attend at the conference.

The main CFES initiatives that were outlined at Congress were an International Engineering Competition, the Canadian Engineering Leadership Forum, Project Magazine and a national mentorship program.

The CFES is working with BEST and bonding (the European versions of the CFES) to put together an International Engineering Competition. The idea is to have representatives from each of these national student engineering societies compete in a large engineering competition. To qualify for the event, the representatives will probably have to participate and do very well at the Canadian Engineering Competition (CEC). The details of how this will all work out (including what languages will be represented, how the competition will run, and how to qualify for the event) still need to be decided. This competition will probably take place in the next couple of years. If you are interested in getting involved with this, you should contact the International Relations Commissioner at international.relations@cfes.ca.

The CFES is also getting involved with the Canadian Engineering Leadership Forum (CELF). CELF is composed of representatives from the CFES, the CCP (Canadian Council of Professional Engineers), the ACEC

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Letter from the Editor

The Makings of a Unique Engineering Society Newspaper



BAHMAN HADJI
EDITOR-IN-CHIEF

The University of Waterloo is celebrating its 50th birthday this summer. Back in 1957, Engineering was the University's only faculty. Shortly after, the students of the Faculty of Engineering formed the Engineering Society, now the oldest student society on campus, which was at the time a mostly social organization that would not get a constitution for another 14 years. Many things were different back then: A-Soc and B-Soc were referred to as A-Term and B-Term, and terms were three months long instead of four. As the Engineering Society became more structured, it became able to financially support a publication (while advertising revenue also covered a portion of the cost). And while the origins of The Iron Warrior, the official newspaper of the Engineering Society today, don't go back that far, the roots of the first Engineering Society publication, Enginews, date back to those early days.

Enginews was meant to be a humorous publication, published several times (usually monthly) throughout the term. It contained a questionable mix of news and humour, was the self-proclaimed "best and most exciting (and frequently most disgusting) publication on campus," and claimed to represent the uncensored image of the engineer. Indeed, its tongue-in-cheek content was criticized by some as being sexist, racist, and generally offensive. While at one time it was distributed all throughout campus, by the late '70s and into the early '80s, its staff began to become more mindful of its content, and its distribution was restricted to the Engineering population. In 1985, it was finally shut down, never to be officially resurrected.

The most obvious reason for the death of Enginews over 20 years ago is that its content was offensive to a wide variety of people, including Engineering students, and not just because they didn't "get" the content, but because it stereotyped engineers as crude, drunken hooligans.

Waterloo Engineering First Choice for 37% of Ontario Applicants

ENROLLMENT

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decline in interest as a result of the new programs, which do attract the most applicants. Even Systems Design's applicant pool, the numbers of which Sedra admitted have shrunk, still remains rich. "We are still filling that program with excellent students and keeping to our standards. So far, our numbers have been OK there, but we need to deepen the pool, and we need to revisit the program to see whether it needs fine-tuning and to get the word out to prospective students. And the Systems Department is examining their curriculum and making innovations to it to address this," he said. Enrollment in the undergraduate programs, however, will be stabilized, and there are no plans to introduce any more programs beyond this year, the Dean assured. "We have 12 programs including Management, and none are going away – and, of course, there is Architecture."

Resource allocation for the plan was done systematically. "Each department had to come up with a plan for themselves. Then I sat down with the Chairs, and we agreed on a plan together," he explained. "The agreement goes as follows – they undertake to do a number of improvements, and I on my side work to provide support. And every year in the Spring we revisit this agreement." But the agreement works both ways, he went on to say. "I will soon be reading their updates

But there is a deeper reason. Satirical and humorous content does not have to be offensive, even if it is about a "touchy" topic. The problem is that it is not viable to produce a high-quality humorous publication on a regular basis. As a result, to fill content, the editor of such a publication has to resort to lowering its editorial standards, resulting in the type of low-class content that puts the paper in the gutter. The simple fact of the matter is that a tasteless student newspaper that is trying to be funny reflects badly on the editor, the students, the school, and engineers in general.

It was in the shadows of Enginews that The Iron Warrior came about, back in 1980. "A Forum for Engineering Concepts" is what the original masthead contained, and in its infancy, the newspaper was published twice each term, containing informative articles about the on-goings of UW and features on the profession of engineering. It quickly blossomed and found a large readership, with its content ranging from opinion pieces on current affairs and social issues, to features on student entrepreneurs, professors, student teams, and Engineering Society events, to outspoken editorials, to even cartoons and humour, done the right way. It quickly became apparent that a newspaper like this, without the pressure of trying to be funny, was more feasible to be printed regularly, served a wider audience, and promoted a better impression of students, the school, and the Engineering Society. As such, the resources (monetary and otherwise) of the Engineering Society were and continue to be well-spent on a professional publication.

In the less than six years that The Iron Warrior co-existed with Enginews, the Engineering Society supported both publications, but as the latter started to fall out of favour with most, the former began to win praise from students, faculty, the University, and even Deans of Engineering at other schools. While Enginews was cutting back its distribution, The Iron Warrior began distributing copies to other faculties' buildings. In 1983-84, it even received attention from the Imprint, the University's official student newspaper. Nathan Rudyk, an Imprint staff member and Arts student, wrote a letter to the editors of The Iron

Warrior and Imprint as well as the President of Engineering Society 'B'. The letter shows what a refreshing impact the publication had at the time, and how it radically changed the way people thought of the students in this faculty:

"Having just read the Nov. 24 [1983] issue of the *Iron Warrior*, I want to congratulate [the staff] for a fine paper. Events, investigative reporting, and human interest stories were all of high quality and made a very vital, engaging impact as I flipped through the pages. Not once was I persuaded to think "engineers are ***holes" as I frequently have been by other student engineering publications. . . It's too bad *Imprint* doesn't have the type of reporting so prevalent in the *Iron Warrior*. The 20-page Nov. 25 issue of *Imprint* has 1 page of news – of any kind. I would invite contributions [from the staff of the *Iron Warrior*] to the *Imprint*. Believe it or not, engineering news is often campus news. So until the *Imprint* sees more of these contributions, and even if it does, I'll be reading the *Iron Warrior*."

It was this standard which was set almost 30 years ago that The Iron Warrior has tried to maintain over the years. Today, copies of this newspaper are distributed to many buildings on campus (though our circulation is 1/10th that of the *Imprint* due to our limited resources) and sent to engineering societies and Deans of Engineering at other schools, and other persons of interest. The Waterloo Engineering Society does not receive publications from other engineering societies, and as I found out as a delegate at CFES Congress, it may be because most other schools' engineering society publications are either in the Enginews mold (they'd rather keep it to themselves to avoid the fate of Enginews), or not relevant enough to warrant distribution beyond their own student population.

It is for this very reason that The Iron Warrior, which was an innovative Waterloo idea, is unique and stands out among its peers.

If you have any comments, you can find our contact information at the bottom of this page on the right. I welcome feedback from all of our readers, wherever you may be reading this newspaper.

from the first year which will say what their goals were and what they achieved and what they still need to achieve and which goals need to be modified. . . And if any department is not meeting its objectives, then it is my job to scale back on the resources, as it's a two-way street."

Space was also monetized. With the Faculty getting approval for the first of three planned new buildings, the Chairs could choose between moving into new space or existing, renovated space. The Civil Department, for example, has opted to re-organize within E2, while ECE, MME, and eventually SYDE, will be the departments occupying the new building, along with many of the Engineering student teams. Watch for a full report on the planned buildings in an upcoming issue of The Iron Warrior.

Sedra has several other accomplishments with which he is pleased. "Waterloo now makes a guarantee that students will not be prevented from completing their program because of a lack of finances," the result of a task force on financial aid he held with the University at large. "I believe we are OK so far. We monitor the situation by doing the debt survey, and there haven't been any alarm bells," he said regarding tuition prices, adding that the government of Ontario's two-year freeze starting in 2004 helped with that.

The Faculty has also put in place a minimum funding initiative for PhD students, and

it is his hope to eventually extend that to master's students. International graduate students are now also provided with a grant so that the fees they pay are equal to those of domestic students. There has been a lot of work to improve the enrollment of women in Engineering, which hit a recent low of 13% in 2004. It is starting to pay off, as the numbers have increased steadily, climbing to 17% in 2006. "Last year, we graduated 24% women, so we want to go back to [those] numbers."

Since Sedra's arrival, the Faculty has hired 50 new professors from all over the world. It has brought two new academic units through the School of Architecture and the Centre for Business, Entrepreneurship, and Technology, which offers a master's program in business. The Dean has also overseen the creation of two new portfolios. The Associate Dean for Co-operative Education and Professional Affairs, Dwight Aplevich, was put in place to strengthen Co-op, the defining feature of Waterloo Engineering, while the Associate Dean of Research and External Partnerships, Michael Worswick, was introduced to increase research funding and forge lasting partnerships with industry.

In part two of The Iron Warrior's exclusive feature on Dean Sedra's tenure, appearing in the June 27 issue, he talks about the state of the PDEng program, his love for teaching, his plans for the future after next year, and his thoughts on this newspaper.

THE IRON WARRIOR

The Newspaper of the University of Waterloo Engineering Society

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The Iron Warrior is a forum for thought-provoking and informative articles published by the Engineering Society. Views expressed in The Iron Warrior are those of the authors and do not necessarily reflect the opinions of the Engineering Society.

The Iron Warrior encourages submissions from students, faculty and members of the university community. Submissions should reflect the concerns and intellectual standards of the university in general. The author's name and phone number should be included.

All submissions, unless otherwise stated, become the property of The Iron Warrior, which reserves the right to refuse publication of material which it deems unsuitable. The Iron Warrior also reserves the right to edit grammar, spelling and text that do not meet university standards. Authors will be notified of any major changes that may be required.

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How to Get a Job, Part 2

The Importance of Networking



**ANGUS
MCQUARRIE**
4A COMPUTER

Maybe you read my article in the last issue on making your resume oh-so-shiny. Maybe you signed up with Emurse and added a little sex appeal to that blank white screen you call a resume. Now you're looking at the 45 jobs you applied to on JobMine (30 of which have a little tagline saying "Screened - Not Selected" beside them) with despair. What went wrong?

Well, chief, it could be a number of things. First and foremost, maybe you're not qualified for the job. Unfortunately, this is something of a catch-22 situation, as the best way to become qualified is to already have the job. Maybe the employer doesn't feel that you can become qualified within the short four months you'll be there. Maybe your previous co-op reviews aren't up to snuff. Maybe your grades are in the ditch. Unfortunately all employers are looking for different things in a candidate. Some don't even look at the co-op reviews as they feel that they're completely arbitrary. Others put the most stock in them as they're the only metric of actual job performance they have on you. Some feel marks are important. Others couldn't care less.

In my experience talking to employers, however, the reality is a little more brutal. If you look a little further down the column there, you might notice a large number beside that job application. When this number gets to be a three-syllable word (i.e. big), the truth of the situations is that most employers will not even look at your application at all. At the job I had last summer, the recruiter told me that they only bothered to look at the top third of the stack. The people who are evaluating the resumes are often technical people who have real jobs to do that don't involve trying to find co-op students. The additional amount of time it will take them to find the best possible candidate out of the entire pile is typically not seen as a valuable use of time - especially to recruit someone who's only sticking around for four months. Besides, most top organizations have other methods of finding top talent, and these don't involve resumes.

That brings me to my point. If you're in

that bottom two thirds of the pile (sorted arbitrarily), you're pretty much out of luck. So, what can you do about this? The simple answer is stop using JobMine as your only route to getting a job. It's easy enough to sit back and run through a few searches to apply for jobs, but if this isn't working for you, then you need to start networking.

Many organizations sponsor events such as conferences, competitions, and tech talks. Going to these things can often afford you some face time with a real person. That might not guarantee you a job, but it can potentially get you an interview. Larger organizations will often ask previous co-op students to recommend to the company any people they think would be a good fit for an internship. Knowing these people can help you 'ride their coat-tails' into an interview position (although you're on your own once you get there). Another useful tool is a website located at www.linkedin.com. *Linked In* is Facebook for professionals. It allows you to add contacts of anyone you know personally (you have to know their e-mail address in order to add them), as well as place your resume and job history online. Among the many tools it offers is the ability to contact any person who is at most three degrees away from you (a contact of a contact of a contact). Instead of contacting them directly, however, the methodology is to request that your contact forward a letter of introduction along the chain. Effectively what this means is that you are being introduced to the person you wish to contact through someone they know. Many recruiters for both large and small companies have accounts on this website, and what you find is that many recruiters know recruiters in other companies as well. Assuming you've left on good terms, this can allow you to contact a recruiter or someone on the inside of a company directly and begin negotiating an interview for an internship yourself, without depending on the vicissitudes of JobMine.

All of this, of course, depends on your ability to sell yourself in person. If you're completely introverted and hate talking to people, not only will none of this work for you, but your ability to succeed in an interview will be severely jeopardized as well. Stay tuned for my next installment: Advice for those who interview often, but never get the offer.

If Brown is the New Black, Volunteerism is the New Sloth

Changing Our Attitudes Towards Self-Sacrifice and Inaction



**ANDREA
MURPHY**
2B ARCHITECTURE

To those of you who are the joiners in the world - the people who volunteer for whatever they can, who have the inability to deny someone who asks for your help, this one's for you. See, there are so many opportunities in the University to get involved that it strikes me as odd that so often it's the same group of people volunteering at every event, and the same crowd of people who sit at home and complain that things should be done a different way. It's

like the person who whines about the government but didn't vote: if you want to see things change, you have to get involved. It was Gandhi who said "Be the change you want to see in the world", and he couldn't have been more right.

Everyone is busy, and we all know that. I mean, students in the Faculty of Engineering generally have an exorbitant number of hours of class and labs, and then there are the hours of studying or homework or studio. Yet how is it that some people are able to make the time to volunteer and others are "too busy"? Let us think about this in numbers: hypothetically, there are one hundred units of work to be done and twenty-five people to do it. What's more, all

Engineering Society Holds Student Forum on PDEng



DAVID MORRIS
1B ELECTRICAL

with the conditions set by the Senate when the program was passed and the overall professionalism of the administration and their consistency of student evaluation were other important points that were suggested.

Finally, the much anticipated gong section of the forum arrived, where students could discuss problems they felt PDEng has, and what could be done to fix them. The binary pass/fail system was avidly discussed: "The problem with the course is that it's not subjective," said one student. Another problem brought up was that some felt the assignments don't allow you to think outside the box. "The marking system defaults to fail," suggested another student, with the alternative being proposed to mark individual assignments on a regular percentage scale while keeping the course's Credit/No Credit grading system.

The entire paradox of teaching soft-skills over the Internet along with the effectiveness of UW Angel Course Environment (UW ACE) as a learning tool were criticized, as some believed that students taking PDEng must have reliable, consistent, access to the Internet to interact with the course, not only to hand in assignments and read modules, but also to do things like request extensions. Some students at the forum even talked about how they felt restricted in their job choices due to the lack of Internet in remote areas of the world.

Also, the fact that UW ACE only favours one type of learner, lacking any audio or video components, as well as the obvious lack of any direct peer-to-peer interaction was criticized, with some even calling for PDEng to change to a fully-fledged course that would be taken during an academic term.

After a gruelling three hours, the gong cried out for the final time. A lot was discussed during that time - far more than was covered here. The Engineering Society is preparing a set of documents regarding the discussions to be forwarded to the Faculty administration, including the Office of the Dean, who may find the information useful.



Students at the PDEng forum repeatedly filled the four available blackboards as Gale took notes.

twenty-five people have similar amounts of mandatory obligations to classes. It would make sense to say that everyone can do four units and we'll be done with it - but that isn't the case. It seems to be typical that about five people do twenty units of work each so that the other twenty people can enjoy it. No matter how you phrase it, this pattern of attitudes towards volunteering is a phenomenon that happens when student apathy kicks in.

In our own little worlds, we all want to do things which better ourselves at the end of the day. Volunteering will, in the end, help you too. For example, joining a student club or volunteering for the engineering society will help you meet more

people, improve the quality of the University experience for everyone (including yourself), and maybe just help you practice your time-management skills. Don't be the person who goes home after an EngSoc event and tells his housemate that the music selection was terrible - be the person who talks to his class rep and gets involved in the next EngSoc social. I urge you to try something new and get involved this summer term with the good weather and multitude of opportunities.

It all boils down to one thing: Can you realistically spare a few hours a week to make someone's life better? A few hours a term?

CFES CONGRESS COVERAGE

"Letting Go," "Transition," and "Newspapers"

SESSIONS

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(Association of Consulting Engineers of Canada), the CAE (Canadian Academy of Engineering), EIC (Engineering Institute of Canada), and NCDEAS (National Council of Deans of Engineering and Applied Sciences). The idea for this forum is to pool our resources together to work on issues that are important to the engineering profession. It will look at the leadership of engineers in Canada. CELF plans to hold a summit to tackle the issue of what the profession will look like in 30 years (which is why they've asked the CFES, a student organization, to be involved). If you're interested in finding out more information about this you can contact the CFES President, Martha Eggenberger, at president@cfes.ca.

The CFES runs a national student magazine called Project Magazine (or ProMag). ProMag is currently being hosted at the University of Western Ontario and is sent out to every Engineering Society in Canada a couple of times a year. Western is looking for students to write articles about the environment for the next issue of ProMag. If you are interested in submitting an article to ProMag, you can send it to them by e-mail at gm@promag.cfes.ca.

About a year ago, a Social Issues Commissioner position was created by the CFES. This position was filled by Kate Kelly (UW Elec 07). Kate decided to take this position again and will continue being the Social Issues Commissioner over the next year. Her big project is creating a national mentorship program that will help high school students connect with current undergraduate students to learn more about the engineering profession. If you are interested in getting involved with that you can e-mail Kate at social.issues@cfes.ca.

Three of the sessions that I went to during Congress were "Letting Go," "Transition," and "Newspapers."

The "Letting Go" session was geared towards fourth-year students who have been very involved with their engineering society and are about to graduate. Most of the discussion was around what fourth-year students can do after they graduate to "fill the void" that would be created after not being involved with EngSoc after graduation. Some of the options we discussed included getting involved with a social committee at work, creating a sports team at work, running for a government position (on the municipal, provincial, or federal level), becoming active in an alumni association, or starting a new business. Although the oldest students here still have a year to go before we graduate, having some kind of idea of things to do after graduation can help one to move on after graduation.

The "Transition" session was a discussion about how different engineering societies transition their executives and directors. This session was particularly informative. Some schools have full formal transition guides while other schools have no system in place to ease transition between incoming and outgoing executive. From this session, our Engineering Society was able to learn what other schools do and we're now in the process of putting together a wiki that will contain all the information one would need



EVAN MURPHY
4A COMPUTER

I will begin this article with some background. In the Fall 2005 term, there was an election to choose the new Engineering Society 'B' executive members. All but one of the positions were acclaimed. For those slightly less versed in political jargon, acclamation refers to only one candidate being nominated for a position, meaning the only thing standing between them being elected to the position is a ratification vote by the Engineering Society Council. In said election, the President, Vice-President Internal, Vice-President Education, and Vice-President Finance positions had only one candidate each, even though the nomination period was open for two weeks. This caused uneasiness amongst some students and for the first time in my short memory of the Engineering Society, a secret ballot vote was invoked to ratify the positions (as opposed to voting by raising placards). After some heated debate on the democracy of ratifying a candidate who faced no opposition, the position-elects were all ratified without further controversy.

As controversial as that sounds, it pales in comparison to what went down at the Canadian Federation of Engineering Students (CFES) 2007 executive elections. The CFES is an organization that represents the interests of all Canadian Engineering students. The process of electing CFES executive members consists of three main parts: the nomination, the confirmation, and the vote. The nomination process is pretty self-explanatory, the confirmation

to know about any directorship or executive position. This is in hopes of easing the transition between outgoing and incoming directors and executives.

The "Newspapers" session was a discussion about how various schools run their EngSoc newspapers. We discussed ways that various EngSocs in Canada deal with touchy issues such as inappropriate content. It was interesting to hear how other schools run their newspapers. The systems that we have in place for The Iron Warrior are practical approaches to dealing with this issue. Some schools have been put in a position that requires them to go through a very cumbersome process. Other schools do not have much of a process in place. The main recommendations from this session were for EngSoc newspapers to have a plan if something bad happens and take steps to prevent this from happening. Through some of the changes that The Iron Warrior has made over the past eight months in its administrative process, we've been able to do this.

Overall, Congress was full of a lot of information and opportunities to get involved. I encourage anyone who is interested in participating in EngSoc in a different way to get in contact with the CFES to learn more about some of these exciting initiatives and opportunities.



After almost six hours, the tension was palpable as the final vote was tallied.

CFES Election Mayhem

And You Thought our Politics were Complicated

process is each candidate's chance to either accept or decline the nomination, and the vote is also self-explanatory.

The vote for the CFES executive occurred at CFES Congress on January 6, 2007 in Montreal, Quebec. Over a dozen people were nominated for the President position but only two accepted the nomination: University of Western Ontario student Goutom Datta, the presumed favourite, and Université de Sherbrooke student Frédéric Gagné, who reluctantly accepted

né off the ballot and have a re-vote. This meant that a vote of confidence would now occur for Datta, with a majority (18 votes) needed to ratify him as president. The result of the vote was: Yes 14, No 18, Abstain 2. This meant that nominations were now to re-open, with new candidates having the chance to be considered.

Once again, over a dozen candidates were nominated, but this time, two new candidates accepted nominations, while Gagné respectfully declined his re-nomination.

After over an hour of speeches and questions from the delegations, the second round of voting occurred with three candidates on the ballot: Datta, University of New Brunswick student Martha Eggenberger, and Concordia University student Ayaz Kassam, who was also the outgoing CFES Quebec Ambassador. This ballot

did not indicate a clear majority decision, so the candidate with the lowest number of votes, Datta, was removed from the ballot. Another vote was then taken, and this time, Eggenberger narrowly beat out Kassam. She was then ratified overwhelmingly, which resulted in a standing ovation from the over 200 delegates who had anxiously awaited the results.

With that, Martha Eggenberger, a fourth-year Electrical Engineering student from the University of New Brunswick, was elected the new president of the CFES. The election process that was expected to take 30 minutes lasted almost six hours. This experience showed everyone in the Waterloo delegation that there are a large number of people in this country who are extremely passionate about the CFES and has encouraged all of us to be more involved.

Robert's Rules: Help or Hindrance?



EVAN MURPHY
4A COMPUTER

As the Speaker of both Engineering Society 'B' last term and Engineering Society 'A' this term, I am expected to be well-versed in Robert's Rules (rules designed to help run a meeting effectively). Well, Waterloo, I have a confession to make. Not only could my knowledge of Robert's Rules not fill a book (and trust me, the actual Rules do), but they couldn't fill a single page in the book. I have always had a general idea of how a meeting should work. Everyone speaks in an order, people don't get out of hand, and motions are made, voted on, and passed. Not too complicated, right?

Being a Waterloo delegate at CFES Congress this past January really opened my eyes to the complexities of Robert's Rules. Friendly and non-friendly amendments, hand signals, and complicated rules on

elections were all new to me. Sitting back and watching the 30 or so voting members discuss (only sometimes civilly) the 54 motions that were on the table for this Congress evoked a range of emotions in the audience from pure frustration to pure elation. And since the meeting was run in "le français" (the Speaker can choose either French or English as it is a national conference), some of the translations came across in a pretty humorous way.

So, are Robert's Rules useful? In some cases. Are they useful to our Engineering Society Council Meetings? Not really.

Officially, our EngSoc meetings follow the Rules. However, we use a very, very loose adaptation of them. In situations where there are a lot of contentious motions that are hotly debated, supported by some and loathed by others, then the Rules work to keep everyone in line and the meeting moving. But since, unlike at CFES Congress, situations where motions are contended at all rarely occur in our meetings, I feel that the Rules would be attempting to fix something that isn't broken.

Staying Organized Doesn't Have to Be High-Tech



KEVIN CEDRONE
4A MECHANICAL

I'm in my fourth and final year of Mechanical Engineering. At this time next year I'm hoping to be a UW alumnus with grad school lined up. I am a little ahead of the game, having already started the sentimental process of reminiscing about the good old days at UW and taking inventory of what I've learned. I've found that my organizational skills keep helping me out at school, on co-op, and in my personal life.

That sounds like a bullet point from a frosh CV, but as engineers at one of the best schools in Canada, we all know a thing or two about a heavy workload. Everyone has their own way to stay organized. Optimized procrastination means knowing when the deadline is so you can leave everything to the last minute, right?

I'm definitely on the other end of the spectrum. I'm a bit obsessive compulsive about being organized. Actually I'm obsessive compulsive about a lot of things, but I know that I get stressed out if things aren't organized and it's not new either. When I was in high school, I needed a way to stay on top of classes, my jobs, flight school, and the kind of extracurriculars that get you into Waterloo; I bought a Palm m105 PDA.

I've always been an early adopter of technology, so one gadget that could manage appointments, contacts and even flight planning software was perfect. I had colour faceplates and even a foldup keyboard. It helped keep me on top of things, and announced my nerdiness in a way no pocket protector could. A few years of using that and eBay helped me upgrade on the cheap to a Hewlett-Packard iPaq with a colour-screen, WiFi, Bluetooth and a fingerprint scanner.

That was a few years ago, right up until my pre-3B co-op at our fine neighbours Research in Motion where I worked in manufacturing engineering. When everyone has a BlackBerry, everyone needs to have a BlackBerry. It's completely necessary to fit into a company like RIM. Like all of the co-ops and full time employees who work at RIM I was issued a BlackBerry with free service. Staying on top of meetings and issues in a deadline-conscious environment like manufacturing is very important. I decided to use the BlackBerry as my full-time organizer instead of sporting my BlackBerry and iPaq.

The BlackBerry system push-syncs e-mails, contacts and appointments using some proprietary technology and things were great. I would say I was at my most produc-

tive during that time. The amount of service I was using would cost a small fortune if I had to pay for it. When I reluctantly surrendered my BlackBerry at the end of my term, I cut off my BlackBerry addiction cold turkey and briefly revisited my iPaq, but I quickly switched over to a decidedly simpler system. A pen and paper.

Why would I go from the cutting edge electronic solution to an offline-only hard-copy system? Well the same things I like about my spiral bound notebook and pen are pretty universal ideas when it comes to staying organized: flexibility.

I admit that my notebook is not searchable, and I don't have portable access to e-mail, documents or Tetris. Switching from a PDA has cost me some pocket space too, now that I have to carry around a cell phone and MP3 player formerly met by my BlackBerry. My mobile document needs are solved by a USB key and a computer lab, or a friend's laptop. I'm not really important enough to need to be accessible 24/7 by e-mail either when text messages cost 10¢.

My notebook has never crashed, is not really at risk of being stolen and I don't have to carry a charger around for it. I can tear out a strip of paper and leave it on your door, or car. There's no special written language for my notebook, but I can do big bubble letters if I need something to jump off the page at me. There are no compatibility issues other than someone trying to read my chicken scratch.

I have a code for writing things down so that I know what I should be doing the next time I'm at home, in a lab at school, I can make a call or send an e-mail. I even have a few store-specific lists.

I use Google Calendar with e-mail and SMS reminders to track the long term stuff, and my day-to-day stuff gets handled with lots of to-do lists. A paper agenda is just more appropriate to the day-to-day tasks I need to stay on top of, and that's what it boils down to. This system works for me. The time I spend writing things down and crossing them off pays dividends.

I use GMail's address book for my contacts, because being able to search and export that data electronically just makes sense, but instant availability at the cost of the headaches of a PDA does not. Before GMail and Google Calendar, I was using a white-erase board and print-outs from the CSV exports of my old PDAs.

I have less stress because I don't miss deadlines, I spend time working on things that advance my goals and I know my system catches everything. I can write anything down, and I don't have to call it a task, to-do, contact or an appointment. It is the most appropriate solution to the problem of keep-

ing it together, and I don't see myself going back to the PDA crowd. I'm not tied to my home desktop like I was with my iPaq, I'm not broke like I would be with a BlackBerry. To be fair to RIM, using a BlackBerry as a simple personal organizer is a bit like lighting a cigarette with a cruise missile.

Aside from the satisfaction of crossing something off the list, every time I start tomorrow's list I review the things I did today,

and the stuff I'm still in the middle of doing gets reviewed for relevance. This is another big theme – relevance. Sometimes you catch yourself asking, usually after a tough final, "Why am I doing this?"

I find it helps drive me if I make a connection, if I make everything I'm doing move me in some measurable way towards crossing off a big important goal in my life.

Some other tips and resources for staying ahead:

- Having less on your mind allows you to focus on what you're doing. Clear your mind - write it down.
- Start your lists with a few easy things to get yourself rolling.
- If you can do something in less than five minutes, do it right away. Right now.
- Break things into projects and projects into things you can do in 15-30 minutes.
- Cross things off your list when you're done. This will give you a sense of progress.
- www.pocketmod.com shows how to fold a single sheet of paper into an 8-page mini-agenda.

Enginuity #3

THE

CIRCLE

OF PONG

Monday, June 18, 2007

12:30 to 1:30

CPH Foyer (In front of POETS)

Teams can still sign up on the Orifice Door!

Upcoming Events Calendar

Monday June 4	Tuesday June 5	Wednesday June 6	Thursday June 7	Friday June 8	Saturday June 9	Sunday June 10	
5:30 : IW Meeting (POETS)		GradComm Pizza	Boggan Burgers				
Monday June 11	Tuesday June 12	Wednesday June 13	Thursday June 14	Friday June 15	Saturday June 16	Sunday June 17	
5:30 : IW Meeting (POETS) Donation Proposals Due (CPH 1327)		GradComm Pizza 5:30 : EngSoc Meeting #3	Boggan Burgers	9:00 : MOT (POETS)	2007 Convocation	Wheelchair Basketball	
Monday June 18	Tuesday June 19	Wednesday June 20	Thursday June 21	Friday June 22	Saturday June 23	Sunday June 24	
Enginuity #3 5:30 : IW Meeting (POETS) Last day for 50% tuition refund		GradComm Pizza	Boggan Burgers ESSCO AGM Begins	IW Issue 3 Deadline (6pm) GradComm Pub Crawl #3	Stratford Trip City Chase	Beach Volleyball	

ENGINEERING SOCIETY EXECUTIVE REPORTS

Presidential Report

Constitutional Amendments



**RUTH-ANNE
VANDERWATER**
PRESIDENT

At the last Engineering Society meeting I presented some motions to amend the Constitution. The method by which the Constitution can be changed is such that the amendment must be presented and discussed to both A-Soc and B-Soc Councils twice. Then, the amendment can be voted on at Joint Council. The Constitutional Amendments in the motions presented at the last EngSoc meeting will be voted on at Joint Council on July 14. (Joint Council is an opportunity for A-Soc and B-Soc to come together and discuss issues that are relevant to both societies.)

There was a lot of discussion on the proposed amendments, so I would like to use this report to review the motions. At the next EngSoc meeting (June 13 at 5:30 in CPH 3385) I will again be presenting the Constitutional Amendments that were discussed at the last EngSoc meeting. This time, I ask that only new questions and points be discussed to keep the meeting efficient. There are two Constitutional Amendments on the table. The motivation behind the first amendment is to make it easier to change the Constitution while keeping the same safeguards that currently protect the Constitution. The amendment reads as follows:

Change the constitution so we can change the constitution

WHEREAS: Article XI: The Constitution & the Bylaws, Section A: Amending the Constitution, currently reads:

"1. The Constitution may be amended in one of the following manners:

a) by a two-thirds majority vote of each Society at the Joint Council, providing that the full text of the proposed amendment is presented to the Councils of both Societies no less than two council meetings before the meeting of the Joint Council in which the amendment is to be moved; or;

b) by a Joint Referendum.

2. The Constitution may not be amended in any way that will render it self-contradictory."

BE IT RESOLVED THAT: Article XI: The Constitution & the Bylaws, Section A: Amending the Constitution, be amended to read:

"1. The Constitution may be amended in

one of the following manners:

a) by a two-thirds majority vote of each Society. The full text of proposed amendments must be presented to the Council of the on-term Society no less than two council meetings prior to voting. When an amendment is passed by the on-term Society it must be passed in the following term by the other Society in the same manner in order to take effect; or;

b) by a Joint Referendum.

2. The Constitution may not be amended in any way that will render it self-contradictory."

The motivation behind the second amendment is to define our relationship with Waterloo Architecture Students' Association and Engineers Without Borders. For this motion, there are also two counter motions. This means that effectively, at most one of these three options will pass when they are voted on at Joint Council. We will first vote on the second counter motion. If this passes, it will come into effect and the first counter motion and the original motion will not be voted on. If it fails, the first counter motion will be voted on. If this passes, it will come into effect and the original motion will not be voted on. If this fails, the original motion will be voted on. If this fails then none of the three proposed cases for this issue will go into effect.

The motivating reasons behind defining an affiliation between WASA and EngSoc are because Architecture students are a part of the Faculty of Engineering but are not members of the Engineering Society (since they do not pay EngSoc fees). Therefore a relationship between the two Societies within the Faculty would bridge some of the gap between Architecture and Engineering students.

The motivating reasons behind defining an affiliation between EWB and EngSoc comes from an attempt over past Joint Councils to ratify a motion presented at the second EngSoc meeting of the Spring 2005 term to "officially recognize a partnership in sharing resources between the Engineering Society and the Waterloo Chapter of Engineers Without Borders" (see minutes from Spring 2005, Meeting 2 for more information). This motion passed for A-Soc but was vague and did not explicitly explain what the partnership meant. This information was also not transitioned to the current executives and therefore it is being discussed again to determine the opinion of both A-Soc and B-Soc on such a

motion.

2. The Constitution may not be amended in any way that will render it self-contradictory."



VPed Report

PDEng Forum and Midterm Study Tools

thank all those who came out to the forum to get informed. I would also like to thank those who represented their class in formulating an accurate student opinion with regards to an independent review of the program.

Looking for midterm study tools? EngSoc runs an online exam bank populated with past exams from pretty much every class. The online exam bank only works for students as long as students work for it. When your midterms come back this will be a prime opportunity to give back! Contact me! Asoc_vpedu@engmail.uwaterloo.ca.

Counter-Motion b: Making friends with EWB and WASA

WHEREAS: The Engineering Society values the relationships it currently has with EWB and WASA;

AND WHEREAS: Article V: Membership describes the roles of members of the Society;

BIRT: Article V: Membership, Section E: Affiliations of the Society be added to read:

"Section E: Affiliations of the Society

1. The Waterloo Architecture Student Association (WASA) shall be officially affiliated with the Society. This partnership shall entitle WASA executive to give executive reports at Engineering Society meetings. WASA members shall also be welcome at Engineering Society events."

Counter-Motion a: Making friends with EWB and WASA

WHEREAS: The Engineering Society values the relationships it currently has with EWB and WASA;

AND WHEREAS: Article V: Membership describes the roles of members of the Society;

BIRT: Article V: Membership, Section E: Affiliations of the Society be added to read:

"Section E: Affiliations of the Society

1. The Waterloo chapter of Engineers Without Borders (EWB) shall be officially affiliated with the Society. This partnership shall entitle the Waterloo Chapter of EWB to apply for an Engineering Society budget for the purposes of photocopying and printing posters. The Engineering Society will strive to inform its members of EWB events/services and vice-versa.

2. The Waterloo Architecture Student Association (WASA) shall be officially affiliated with the Society. This partnership shall entitle WASA executive to give executive reports at Engineering Society meetings. WASA members shall also be welcome at Engineering Society events."

Both of these motions will be voted on at Joint Council on Saturday, July 14. It is the responsibility of every class rep to be present at Joint Council or have set up someone to proxy their vote (i.e. vote for them). I will be speaking about how Joint Council will work at the next EngSoc meeting.

If you have any questions, comments, or concerns about the proposed Constitutional amendments or anything else about the way things are running in EngSoc, please feel free to e-mail me at asoc_pres@engmail.uwaterloo.ca. I am here to make sure EngSoc is what you want it to be, so please let me know how you feel about things.

TORONTO CITY CHASE



6 Hour Adventure Race In Toronto June 23

Could be anything from running and paddle boating to eating worms!

It will be an awesome time!

Sign up and more info online at www.mitsubishicitychase.com

Need help to get there? EngSoc X-treme Sports is organizing carpooling. Write your name and e-mail on the sheet on the Office door (CPH 1327) before June 15 to be contacted.

ENGINEERING SOCIETY EXECUTIVE REPORTS

VPI Report

Awesome Upcoming Events



KIRI NEUFERGLISE
VP INTERNAL

So far a bunch of awesome events have gone awesomely and a special awesome thanks goes out to all of the awesome people who came out to the events and the awesome directors that have run them awesomely!

So for the next couple weeks things are settling down due to midterms, but after those things are going to get even more awesome.

Here's the awesome list of awesome upcoming events:

- Awesome MOT – The TOOL's Birthday Party (June 15)
- Awesome Wheelchair Basketball (June 17)
- Awesome Enginuity #3 (June 18)
- Awesome Trip to Stratford to See Awesome Othello (June 23)
- Awesome Extreme Sports City Chase (June 23)
- Awesome Beach Volleyball (June 24)
- Awesome SCAVENGER HUNT (June 29-30)

And these are just some of the awesome events in June! July is even more awesome! But you'll need to wait for my next awesome report to hear about all of these awesomely awesome events.



ANGUS MCQUARRIE
VP EXTERNAL

Exciting things happening in the near future: ESSCO AGM... Yeah, that's not until June 22nd...

VPX Report

Hmm... Canada Day is in July (sign up sheets are on the Orifice door)... Student Life 101 is in July... OEC Qualifiers are in July... PEO only has one more meeting before they go on summer hiatus...

If I were Todd, this is the point in the article where I would start talking about an astronaut named Elmo, or about how giant super pies should be a main topic of

concern for society at large. I could even start relating drunken stories with surprising punch lines about somnolent crustaceans. As amusing as that might be, I think your time is better spent reading one of the many fine columns in this paper, and I'll bog down your brain with facts when we get closer to July.

VPF Report

Budget to be Approved at Future Engineering Society Council Meeting



TODD RADIGAN
VP FINANCE

To start, just like Calvin and Hobbes once did, I would like to welcome all of you people from the future. By the time you read this, you will have seen and heard things that I could have no idea about. If you happen to see the future me, say hi to him for me. You future dwellers are so very lucky. It may not seem like it to you, being in your own present time, but consider that I have no idea what advances civilization has made in this time. What a time to be alive!

Now, before it fades away from memory, I'd like to remind you all about a few items from the past. At the last Engineering Society Council Meeting, a policy

was presented pertaining to donations procedures. This will be voted on at the upcoming EngSoc meeting on June 13th. Also related to this, I would like to remind everyone that donations proposals are due on June 25th, and will be voted on at the EngSoc meeting on June 27th.

To the right of this article, there is a copy of the budget that was presented at the last EngSoc meeting. It will also be voted on at the next EngSoc meeting. Make sure to look over it, since you've got it here in The Iron Warrior. Till next time, keep enjoying that fresh clean future air.

	Requested	Allocated
Expenses		
Tool	\$1,000.00	\$600.00
President	\$750.00	\$500.00
VP Education	\$250.00	\$175.00
VP External	\$250.00	\$175.00
VP Finance	\$250.00	\$175.00
VP Internal	\$250.00	\$250.00
Total	\$2,750.00	\$1,875.00
Directorships		
Academic Rep Advisor	\$20.00	\$10.00
Arts	\$600.00	\$500.00
Athletics	\$500.00	\$500.00
Canada Day	\$384.00	\$384.00
Charities	\$325.00	\$300.00
Class Rep	\$50.00	\$50.00
Competitions	\$100.00	\$100.00
Course Critiques	\$25.00	\$10.00
Dark Room	\$68.25	\$68.25
Enginuity	\$425.00	\$390.00
Engplay	\$1,635.00	\$1,500.00
Environmental Exchange	\$435.00	\$335.00
Frontrunners	\$150.00	\$150.00
Frosh Mentoring	\$45.00	\$45.00
Genius Bowl	\$175.00	\$125.00
IW Advertising	\$435.00	\$435.00
Jazz Band	\$700.00	\$700.00
Music	\$1,300.00	\$800.00
P**5	\$5.00	\$5.00
POETS Manager	\$650.00	\$625.00
POETS Programmer	\$250.00	\$250.00
Resume Critiques	\$200.00	\$200.00
Scunt	\$225.00	\$175.00
Semi Formal	\$100.00	\$100.00
Speaker	\$700.00	\$700.00
Student Life 101	\$1,850.00	\$1,850.00
TalEng	\$450.00	\$425.00
Task Team	\$150.00	\$150.00
TSN	\$375.00	\$100.00
Wheelchair Basketball	\$218.00	\$218.00
Whiteboard	\$100.00	\$100.00
WIE	\$60.00	\$60.00
Work Term Reports	\$100.00	\$100.00
Year Spirit	\$5.00	\$5.00
Total	\$12,910.25	\$11,575.25
Donations	\$2,000.00	\$2,000.00
Net	-\$6,660.25	-\$4,450.25



Sandford Fleming Foundation

Debates

Register for the debates by sending an email to Prof. Jeffrey at sajeffre@engmail.uwaterloo.ca. Include your name, department and contact information. The winning team will receive \$300.00 each and the runners-up receive \$150.00 each.

DATE July 9, 10 and 11
TIME 11:30 - 1:00
PLACE E2 - 3324

FINALS: CPH Foyer, July 13 at noon

Refreshments will be served at the finals
Everyone is welcome

Student Travel Grants

Available to students participating in technical conferences. Please check our web site for further information.

Emergency Loan Funds

SFF has made available funds for short-term emergency loans, interest free for 90 days. These loans are available to engineering undergraduates, on either an academic or work term. Contact the Student Awards office for further information.

Searching for a great career in Software Development?

Please join us for a casual information session about careers and internship opportunities at Lime Wire, makers of the famous peer-to-peer file sharing program. This short, informal information session will provide insights into the work we do and daily life at Lime Wire.

INFO SESSION

Wednesday, June 13th

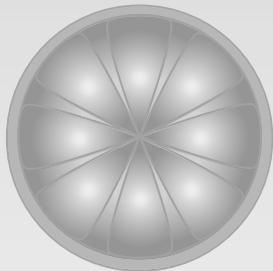
7:00 pm

Tatham Centre - TC 2218 A

You'll have direct access to fellow Waterloo alum, Greg Bildson, Chief Technology Officer and Chief of Operations at Lime Wire. Sam Berlin, Senior Software Developer, will also be on-hand to answer your questions.

Oh yeah, and...

FREE FOOD!



LIME WIRE LLC

For more information about us, please visit our web sites:

www.limewire.com and www.limewire.org

Lime Wire LLC was founded in 2000 and is located in the trendy Tribeca area in downtown New York City. Lime Wire designs and develops advanced file-sharing software for use on the decentralized Gnutella network.

We have many projects on the horizon and continue to search for talented people to join our team.



Point

Counterpoint

Should the University of Waterloo Recognize Greek Organizations?



JEFFREY AHO
3A MECHATRONICS

Did you know that we have three fraternities and three sororities at the University of Waterloo? If you didn't, it's most likely due to the greatly unfair fact that our university does not recognize Greek organizations (fraternities and sororities) on the premise that they claim of being "exclusive by nature and practice and promote exactly the opposite of an open and welcoming community campus". The problem with this official position is that it is absolutely incorrect. The University of Waterloo should recognize Greek organizations on campus and give them the same rights of any other group.

Greek organizations at the University of Waterloo and their diverse membership make significant contributions to student life, leadership, and philanthropy at the University of Waterloo and in the community-at-large. Members of our current Greek organizations have diverse ethnicities, religious beliefs, sexual orientations, and backgrounds. They are extremely open and welcoming of anyone who is interested; you can go to their events without any expectation to join. Along with philanthropy events for local charities, their members frequently are volunteers for on-campus events; in this way they contribute significantly to student life on our campus. Take for example last term's Out in the Cold, organized by the members of Sigma Chi to raise awareness and funds for the homeless people in the Kitchener Waterloo Region. These organizations are nothing like the stereotypical Greek organizations you see in pop culture, such as Animal House.

Some of the most active students on our campus have joined a Greek organization, including members of the Feds executive, council, and board members, UW senators and governors, executives in student societies and clubs, orientation leaders, and Dons. There are hundreds of students in UW's Greek organizations, but despite their contributions, the University treats them differently from other students when they choose to associate with their particular organization. The University is a public institution, and should above all treat its customers with respect and tolerance, respecting their rights of association.

In fact, the University's stance is hypocritical. The University of Waterloo's own Policy 33 in its General Principles states that "the University aims to ensure an environment of tolerance and respect and that the right of individuals to advance their views openly must be upheld throughout the University," and cites the Ontario Human Rights Code as support. Non-recognition of Greek organizations at the University of Waterloo inhibits Greek organization members' rights at the University of Waterloo to advance their views openly throughout the University because, currently, they are restricted only to the SLC. Despite the Ontario Human Rights Code, Part II, Section 18 allowing Greek organizations to have selective membership, the University ignores that section. Even more hypocritical, the University recognizes Varsity sports teams that are themselves selective membership groups!

Leading universities throughout the continent recognize Greek organizations. Some examples in Canada are the University of British Columbia and our close neighbour, Wilfrid Laurier University. Laurier even goes as far as having a Dean of Greek Life. Unfortunately, a senior UW administrator dismisses this by saying that universities who recognize Greek organizations "are the antithesis of a modern university". Can hundreds of North American Universities be so off base on the topic? Since the first Greek organization at Waterloo began over 20 years ago, there has been opposition. What happened to the "Spirit of Why Not?" Where have student freedoms on campus gone? It's horrible when one of the Fraternities couldn't throw an event called Wax for Kids in the Great Hall to raised money for a children's charity called KidsAbility. Our Charter of Rights and Freedoms guarantees our rights of expression and association, and I would hope that a public institution would respect such rights.

It is quite clear that the only course of action for the University is to ameliorate their unjust and hypocritical stance on Greek organizations by unequivocal recognition of Greek organizations. Until that time, our university is not only violating their own policies, but it is treading in the waters of rights violations for Greek organization members. If you yourself think that Greek organizations have no place, I plea for you first to research them, meet the members, and learn the facts of the University's discrimination. Only then can you make an informed decision on this issue.



YUVRAJ GOEL
3A MECHANICAL

Fraternities and sororities are founded with noble purposes in mind – to provide a positive social environment for their members, help develop leadership abilities, and to make positive contributions to the immediate community. Several Greek organizations were created more than a century ago and have chapters across the United States and Canada. Some have helped create world leaders. However, as institutions, they are fundamentally separate from universities, in that they have their own constitutions and sets of ideals, which in some cases may be at odds with what universities stand for. They are founded on different principles, and with varying objectives in mind. I believe that if the University of Waterloo perceives the differences in values to be significant, it is justified in refusing to recognize Greek organizations as being a part of the university. The University has a right to safeguard the academic environment and quality of student life that it has worked hard to build.

To help see the situation from the University's perspective, I would like to use the residence communities as an example. After living in the on-campus residences for three terms and going through the Don interview process, I have come to believe that when it comes to student life, the University of Waterloo stands for diversity, respect and creating an atmosphere that is favourable to academics and extracurricular activities. These ideals are realized through the University's policies which are enforced in the residences by the Dons and Residence Life Coordinators. The residences are meant to be a safe environment in which students can learn and experience university life. The Dons help ensure that no form of discrimination or harassment takes place on the floors. They help keep the noise levels down so that students can study. By keeping these and other guidelines fairly uniform across the residences, the University helps realize its vision of what student life should be like.

Greek organizations are respectable in their objectives, in particular the service they provide to local communities, but they have their own perspective of what student life should be. Their views have been shaped by their founders and their own history. The University must carefully consider the impact that recognizing these organizations will have on its abilities to meet its own goals of creating an environment that supports research, innovation, intellectual growth, and leadership. Differences in values are only part of the reason the University may be reluctant to recognize Greek organizations. A more evident reason would be the difficulty in determining how well these organizations implement their own policies.

It would be unfair to assert that Greek organizations promote an environment that is not conducive to education, and may include activities like hazing, binge drinking, and discrimination. However, it cannot definitively be said that none of this goes on in any of the chapters that make up these organizations. If the University starts supporting fraternities and sororities, it becomes, to an extent, responsible for ensuring that the policies implemented elsewhere on campus also extend to these organizations. It is likely that a greater number of students will join fraternities and sororities if the University recognizes and supports them. If these organizations are poorly managed, the quality of life for these students would be compromised. There may be an increase in incidents involving racism and alcohol poisoning. Students may dislike the selective admittance process and strongly disagree with the views promoted by certain Greek organizations. There exists the possibility that the overall atmosphere of the campus, as well as the reputation of being one of Canada's leading universities, may be negatively affected.

It may be argued that since other universities have officially recognized fraternities and sororities around them, UW should follow suit. However, UW has historically distinguished itself from other universities by demonstrating leadership and innovation. A good example that comes to mind is the extensive co-op program, which is widely recognized as the best in the world. The co-op program was started back in 1957, and was different from what any other university in Canada was doing. However, it quickly grew to become an example for other universities to follow.

The whole idea behind leadership, in this writer's humble opinion, is figuring out an organization or institute's values and then taking a stand and acting upon them. The University believes that Greek organizations differ in their value-set, in particular due to their selective admittance process. The University administration has the courage to act upon this belief as part of the commitment to ensure a positive environment for student life, irrespective of what other universities have been conventionally doing. I think that in doing so, our institution is ahead of its time, and worthy of its reputation for leadership and innovation.

Editor's Note:

Point - Counterpoint is a feature meant to stimulate discussion on thought-provoking topics. The views and opinions expressed here do not necessarily reflect those of the authors, The Iron Warrior, or the Engineering Society.

SCAVENGER HUNT



JUNE 29 TO JUNE 30

RAISE THE COLOURS HIGH, YE SCURVY DOGS
MORE DETAILS COMING SOON

Video Game Heroes

Then and Now

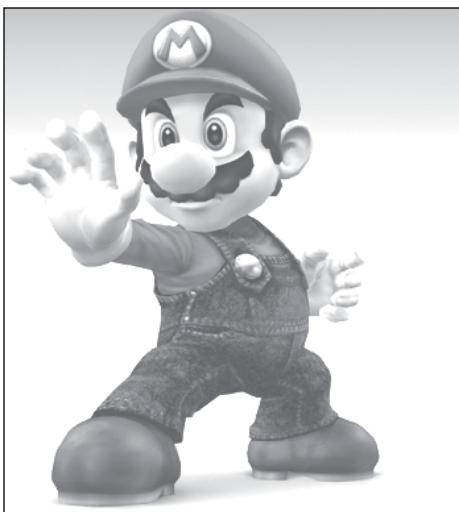


COLIN OLIVER
4A COMPUTER

The proud. The few. The pixelized sprites that survived long enough to get their 3-D wings. Back in the days of classic gaming, someone decided they liked these guys and they have travelled through the ages (with varying success). Here, I will explore the lives of some of these "video game heroes" and see just how they've changed over the years, as well as whether or not it's for the better. When you see the characters I've chosen (in this issue and future issues), you might think I'm a Nintendo "fanboy," but I'm focusing on them because they've been around the longest (and are still going). So go suck a lemon.

Mario:

Ah, Mario - everyone's favourite video game plumber. Seriously though... why?! The man is an Italian plumber who travels through tubes, eats "special" mushrooms to grow bigger, and jumps on giant mutant turtles to save a princess. How did this come to be? How could this crazy mustachioed (yes, that is a word) high-voiced dude in red overalls become the most recognized video game icon of all time?



Mario now.

And what kind of drugs were the original creators on? He had such simplistic beginnings, which set the standard for hundreds of other games. Fast-forward to the present day. Mario has been extremely busy. The guy's made dozens of just-as-well recog-

nized friends who have all had their own games, he's participated in God knows how many sports (and parties), and even has numerous different versions of himself such as Dr. Mario, Baby Mario, and Paper Mario.

Personally, I think that this guy has done all right for himself. I think, actually, that he is *the* video game hero, and there was never any doubt of his ability to survive. He may not be everyone's cup of tea, but his success cannot be denied. Bravo, Mario.



Sonic then.

Sonic:

If you were gaming fifteen years ago, there's probably only one other name you'd be able to think of. Mario's direct competition at the time: that blue hedgehog, Sonic. The premise isn't quite as crazy as Mario, though hedgehogs are not exactly fast creatures any more than they are blue, the concept doesn't seem like near as much of a leap. And the Sonic classic games were awesome. You always felt like you were doing amazing things - crazy jumps, loops, surviving traps, and most of the time, all you were doing was holding down right on the Direction-pad. Genius. But unlike Mario, Sonic has had a far more rocky and uncertain journey from then to now.

When Sega got out of the hardware business in 2001, many thought that was the end for Sonic. But Sega went and did the only thing they could do, and focused on software. And as a software company, they have been very successful. But what about Sonic? Well, when I consider all of his 3-D endeavours, he hasn't really had a good game in years - nothing on par with the originals anyway. There's something about the premise of the classic games that just couldn't make the jump to 3-D. Don't get me wrong, they're not all horrible, but something gets lost in the translation to modern graphics. But you have to give Sega props for trying. This sort of proves

my point: the beautiful part about Sonic, and other video game heroes, is that no matter how many bad games might be released, people will keep giving them the same amount of attention in the hopes that they'll eventually get it right. They won't let him die. There's a loyalty there.

On another note, classic gamers are going to see something they never thought possible fifteen years ago, because a game is being released with both Sonic and Mario in it for the Wii in the near future. Messed up. Now there are obviously more video game heroes to explore, but there's only so much I can pack into one article. I hope to explore others in future issues. Until then, game on!

MORE THAN JUST COFFEE & DONUTS

The EngSoc C&D has more than just Coffee and Donuts. Stop by for a variety of freshly prepared sandwiches, baked goods, soups, and more! It is run by students for students, so the prices can't be beat!

There are a variety of specialty coffees available - including fair trade. Bring your own mug to help the environment too!

ENGINEERING
SOCIETY



HOURS OF OPERATION
MONDAY-TUESDAY 7:30AM - 7:00 PM
FRIDAY 7:30 AM - 5:00 PM

Better Know a Beer: Sleeman Honey Brown



RORY ARNOLD
3A MECHANICAL

As a young man who is just coming to my own in this world, I am faced with almost daily tough decisions that could have a profound effect on my life. Thankfully, sometimes these decisions are made for me. For example, it was a wonderful Saturday afternoon, so I took a stroll to The Beer Store. I was planning on picking up a cheap honey lager to satisfy my sweet tooth; however, I was hit with a brightly-coloured sign above the cashier: "\$4 off Sleeman 24s". Now, even though this only brought it down to a still pocket-burning \$35.95, I decided to pamper myself with a case. I left the store a very happy man.

Sleeman brews their beer just down the highway in Guelph and has seen a very rich and troubled history. The Sleeman Brewing and Malting Company was founded in 1851 by John H. Sleeman who had established himself as a world class brewer, operating numerous breweries since 1834. He chose Guelph as the location so he would have access to the local water, known for its purity and hardness which has helped define the Sleeman taste. By the end of the nineteenth century, his son George Sleeman operated a sister brewery next door to the original. George would go on to be Guelph's mayor in 1880.

The Sleeman legacy hit a brick wall when, in 1933, George A. Sleeman, John's grandson, was caught smuggling beer across the border into Detroit and was forced to sell off the brewery and its assets. He did, however, manage to keep hold of his grandfather's recipe book.

This book was tucked away for a couple of generations until it was discovered in an attic by John's great-great grandson, John W. Sleeman, who in 1988 rebuilt the Sleeman brewery just down the road from the original location and began brewing his ancestor's prized cream ale, allowing Canadians and the world to once again enjoy a Sleeman's beer, something that they had been deprived of for half a century.

Since its rebirth, Sleeman has grown into Canada's third largest brewer and owns the marketing and distributing rights to such famous brews as Guinness and Samuel Adams for the Canadian market. It also has control of regional brands such as Upper Canada. It was known as Canada's largest independent brewer until it was sold to Japanese brewer Sapporo for \$400 million last year.

In 1997 Sleeman launched its honey brown lager, which quickly became incredibly popular and won a gold medal at the Monde Selection Awards in Brussels

in 2004. Since then it has become a premium choice for fans of honey lager. Honey is added to beer for two reasons. The first and oldest reason is because honey ferments so easily; it increases the alcoholic content while lightening the body. For this reason, it was used heavily by the Vikings to make their honey wine, or mead. However, for most modern honey lagers, the honey is added later in the brewing process because it ferments less and adds sweetness to the taste. The honey added is usually left in its unprocessed state as it is easier to work with and mixes better with the brew.

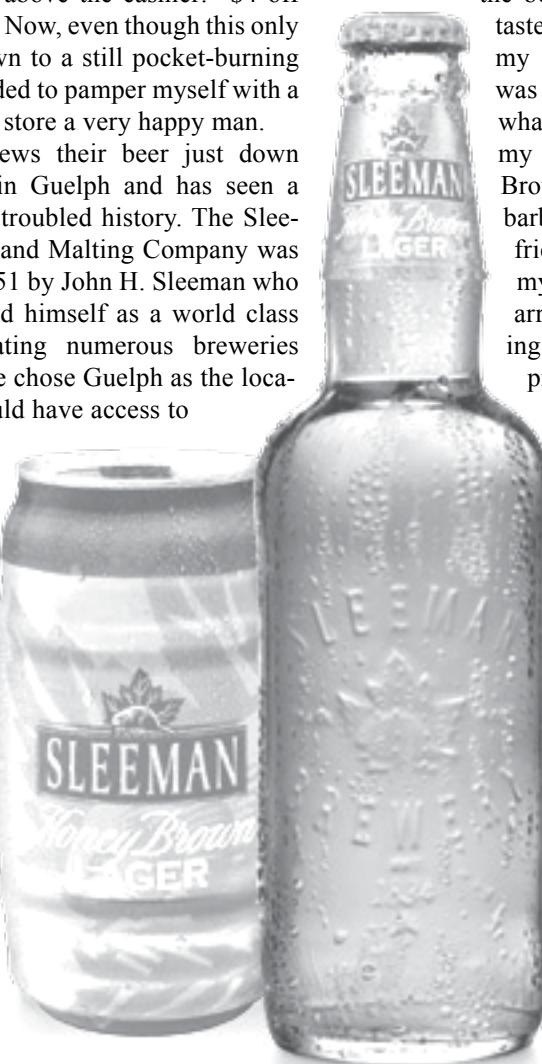
Sleeman Honey Brown is not only the best honey beer I have tasted, but easily one of my favourite beers. If I was rich, this is probably what I would drink. I had my first taste of Honey Brown when I went to a barbecue at a friend of a friend's. My friend and myself were the first to arrive and were standing in the kitchen as she prepared some chip dip for the barbecue.

We talked for a little while until her dad walked in. He looked at her, then he looked at us and said, "I see a woman in the kitchen, and I see two guys watching, but I do not see the guys drinking beer." He then left and returned moments later with a bottle of Sleeman Honey Brown for each of us.

It is hard to give Sleeman Honey Brown a score of anything less than perfect because even though it is not cheap, its excellent taste justifies the added cost. Therefore I give Honey Brown a perfect 10/10. It has a taste which is hard to beat, with its pleasing flavour and smooth finish. It is slightly thicker than most lagers and the sweet honey blocks out the taste from the bitter hops. Just as the name suggests, it is brown in colour and shows an off-white head which will quickly disappear. The sugar in the honey does add slightly to the fermentation giving it a 5.2% alcoholic content, but since most of it does not ferment it remains sweeter than most lagers.

As with all Sleeman beers, Honey Brown is sold in clear bottles with the Sleeman name and logo molded in. For this reason, it is best to keep the lid on your cooler so the UV rays do not skunk up the lager. I enjoyed drinking Honey Brown while sitting on my porch during the afternoon and listening to Brad Paisley and found his comedic easy-going songs such as The Fishing Song, a perfect complement for this beer.

It doesn't matter if you prefer dark European ales or light Canadian pilsners; Sleeman Honey Brown is a beer that we can all enjoy.



HUMOUR AND SATIRE

Four Blades of Freedom

CHRIS BENETEAU
4A MECHANICAL

I'm sort of old-fashioned. Up until now, I've been shaving with a mere *three* blades. That's right - what is this, 1999? Get with the times, Beneteau, get with the times.

So I've upgraded. I've purchased the next step up - the four-blade model. Now I know it's not top of the line, but to be quite frank I'm not sure I'd be ready for the jump from three to five blades. Baby steps. While I'd like to claim that the motivation behind my purchase was forward-thinking or a sense of discovery, it may in fact have been fueled by my previous razor going mysteriously missing and the delightful fact that the four-blade razor was on sale for less than half of my old model. Furthermore, I think the people at work were beginning to wonder if GM's cost-cutting measures included hiring hobos to manage maintenance. So, I decided to see what all the fuss was about.

Aside: I'm quite aware that there's no fuss whatsoever. Any fuss there might have been dissipated about three months after the razor was introduced about three years ago - but even then I think "fuss" is a bit too strong. In fact, I've never had anyone make a fuss over a razor, let alone even bother mentioning it in conversation. And I've had some pretty pointless conversations. All the same, the expression is "What the fuss is about" and not "What the total indifference and malaise is about," so cut me some slack.

So, yes - the fuss. Well for starters, it shaves. In fact, if I'd remembered to buy shaving cream and didn't have to use regu-

lar soap and water I might even go as far as say it shaved well - but I can't say that for sure just yet. The razor, much like my old one, comes with a pedestal of sorts. A resting place of honour for the hallowed weapon between glorious excursions to my face. The four-blade model doesn't "clickin'" like my old one, but is instead held in place with an insert that passes through a curvaceous speed-hole. The weapon itself is a mix of lustrous silver metal and soft white rubber, a fitting mix of strength and comfort for a man's face.

Do I care one bit? No - not really. What then, you may ask, inspired me to write this tale of a man and his shaving tool? One word: packaging.

Bare with me. It's Christmas time. You've just received a super-neato action figure - just the one you'd asked the Santas for. Oh joy, oh rapture... *but wait!* Separating you from karate-chop action is an impenetrable layer of bulbous plastic. Hermetically-sealed, not even air escapes its iron-grip. Not even Jack Bauer could defeat this malicious foe. Dejected, you cast the toy aside and weep as you put on your new white gym socks. Why do they create packaging for six-year-olds that requires a welding torch to open? God forbid they sell welding torches in the same packaging - we'd be screwed.

So imagine my sarcastic delight when I found my new razor stored in this same packaging, and imagine my genuine delight when I found it *perforated* at the back!

Whoever came up with that idea - you're a genius and the world is a better place because of you. For packaging alone, I give my new toy four blades out of four.

Dear LowRider...



LOWRIDER
3A SYSTEMS DESIGN

Dear LowRider,

I was in this professionalism seminar thing last week because I failed a course on professionalism. There was one highlight though - the proctor stopped in the middle of talking for like five seconds. We asked what was going on and apparently the proctor was just reading something in the dust on the lights. So of course everyone looks, and lo and behold there reads 'suck my balls'. My question is, what kind of degenerate person would write this?

Confused, Seriously...

Dear CS,

Are you honestly telling me that you didn't find that hilarious? Someone stops to read 'suck my balls' in the dust while running a seminar on professionalism! How ironic is that? Clearly your moniker (CS) matches your attitude, both are that of a weenie. And to answer your question; whoever had the foresight to see the potential benefits of that dust-writing is an absolute genius that is far ahead of his/her time. I applaud and congratulate them for their efforts to increase hilarity on campus.

\LR/

Dear LowRider,

The other day, I was sitting in class and I looked over at this girl and suddenly I was thinking to myself, "Hey, she's not so bad looking." But this was the same girl that in 1A, I was all like "No way." What's wrong with me?

Awkwardly Aroused

Dear AA,

My friend, you are experiencing a well-known phenomenon that spreads fast once an engineer gets into third year. It is known as 'Waterloo Goggles'. You see, what happens is that you have been deprived of action for so long that everyone starts looking good. I myself have never experienced this (being the stallion that I am) but fortunately I do know of a solution. The first solution is to get a little action... but based on the fact you just came back from a work term in a city most likely full of girls, that's probably not an option for you. There is one final solution, just keep a cyanide capsule in your cheek, so that when you get that first accidental boner, you just bite down on the capsule and it'll all be over soon - either that or maybe join a twelve step program.

\LR/

Dear LowRider,

I love to play music, but I don't have any musical instruments around anymore. I used to play the trombone in high school but I sold it... for beer money. I looked in the classified ads and found someone who said they have a 'rusty trombone' that they're willing to give away and for free! My question is, should I take it? Is there a catch?

Misses the Music in Him

Dear ...Music in Him

Wow... just wow. I personally am not a fan of a rusty trombone, but hey maybe you'll enjoy it, you never know till you try right?

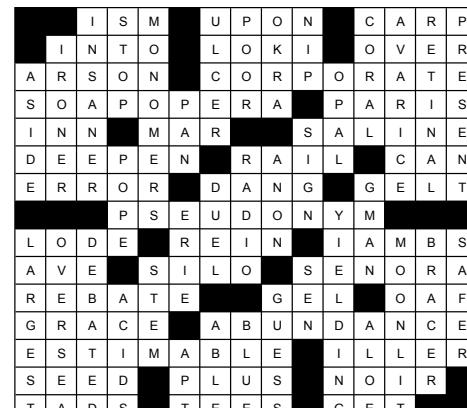
\LR/

PS: Make sure that he empties the spit valve.

Send your pithy comments and questions to LowRider.Alwaysridgid@gmail.com.

For more Dear LowRider, visit <http://iwarrior.uwaterloo.ca>.

Last Issue's Crossword Solution



Giggidy Giggidy

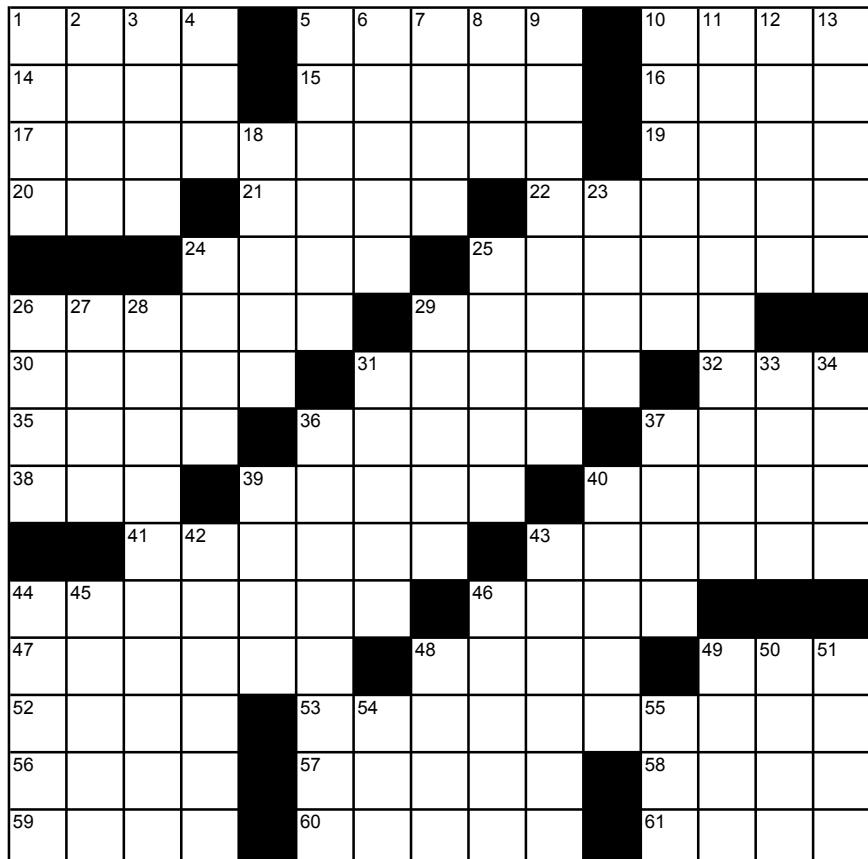
**JUST PLAY BALL!
WHEELCHAIR BASKETBALL!**

Time: 10am - 12:00 noon
When: Sunday, June 24th
Where: CIF gym
Why: Prizes! P**5 Points! Bragging Rights!
\$20 entry fee per team goes to CHARITY
Sign-Up @ Orifice

Poets		Wednesday June 6	Thursday June 7	Friday June 8
MOVIE SCHEDULE SHOWINGS BEGIN AT NOON		Snakes on a Plane Fifth Element Flight Plan	Batman Begins Batman Batman Returns	Mallrats Chasing Amy Dogma
Monday June 11	Tuesday June 12	Wednesday June 13	Thursday June 14	Friday June 15
The Illusionist The Italian Job American History X	Walk the Line Ray Dreamgirls	Lost	Guess the Link Day! Three movies. One connection. Can you solve the puzzle?	Kiss Kiss Bang Bang Get Shorty Be Cool
Monday June 18	Tuesday June 19	Wednesday June 20	Thursday June 21	Friday June 22
300 Troy Gladiator	Samurai Champloo	Dawn of the Dead (2004) Evil Dead 2 Night of the Living Dead	The Rock Lord of War Matchstick Men	The Sum of All Fears Bruce Almighty High Crimes

CROSSWORD

MICHAEL SUE-KAM-LING
3A CHEMICAL



Across

- 1. Poker bet
- 5. Frighten
- 10. Shrubbery
- 14. Rendez-vous
- 15. College partying garbs
- 16. Esoteric preposition
- 17. Controversial new program
- 19. Drunken speech
- 20. Tenth month
- 21. Consumes
- 22. Endeavour
- 24. Valley
- 25. Mimic

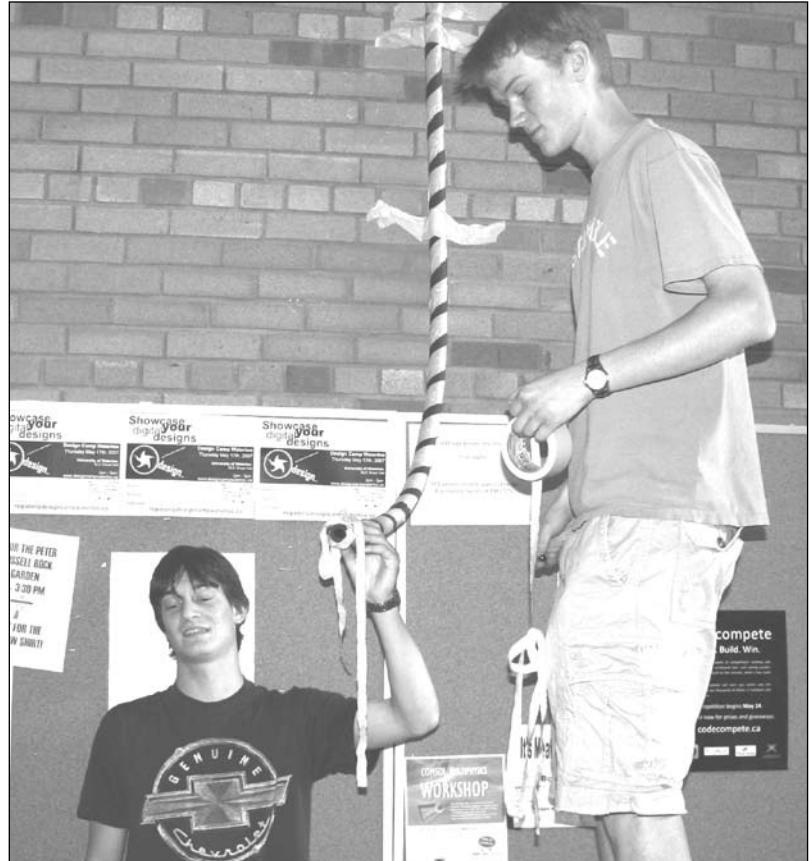
Down

- 1. First-person shooter resource
- 2. Secretive engineering committee
- 3. Camping necessity
- 4. Seventh Greek letter
- 5. Pilfers
- 6. French nobility
- 7. Grows older
- 8. Jogged briskly
- 9. Approximate
- 10. Similar to 57 across
- 11. Releasing from binds
- 12. Daredevil's feat
- 13. Orcs, trolls, et al.
- 18. We can fix anything with them
- 23. Party snack
- 24. They secured our freedom
- 25. German surrealist
- 26. Heston visited their planet
- 27. Dunce
- 28. Rate of change
- 29. Devout
- 31. Salmon relative
- 33. Imperial distance
- 34. Shakespeare's profession
- 36. La fée verte
- 37. Cover or conceal
- 39. British buttocks
- 40. Flautist's instrument
- 42. Main course
- 43. Adjustable weight
- 44. Follow secretly
- 45. Caesar's empire
- 46. Saline
- 48. Raptors star
- 49. Nudge
- 50. Tear violently
- 51. Metal bearing minerals
- 54. Grain
- 55. Fuss

- 26. European vipers
- 29. Babbles
- 30. Engineering hangout
- 31. Hues
- 32. Trendy
- 35. Makes a mistake
- 36. Ascended
- 37. Italian wine
- 38. Downhill sport
- 39. Pertaining to
- 40. Stolen goods dealer
- 41. Against
- 43. Pestilence
- 44. Civil's instrument of choice
- 46. Ancient Israeli king
- 47. Tainted
- 48. Cartoon prankster
- 49. In favour
- 52. Arab chieftain
- 53. Protects our mascot
- 56. Give in
- 57. Hustle
- 58. Finished
- 59. Leg joint
- 60. Two carbon group
- 61. Probability



Photo of the
Every-Other-Week



The Writer

DANIEL ZWART
3A MECHANICAL

I never was a writer,
And fancy never will I be.

Loved my math, though't
made me cry,
Now for engineering I will try.

Through work reports I struggle,
Try to build some soft
skills (like PDEng).

Lab reports are my practice,
Achilles heel my write up is.



"An analysis of procrastination"

Congratulations to Doug Fournier in 1B Mechatronics, who submitted the winning caption for last issue's photo, seen above. Doug was the happy recipient of a vintage Apple Microphone extricated earlier this term from the depths of the IW office.

Send your submissions for this issue's photo (at the top of this page) to IWcapcon@gmail.com. The best submission will be printed in the next issue and the winner will be awarded with a super random prize.

THE IRON INQUISITION

Mike Seliske, 1B Computer

"Why do you read
The Iron Warrior?"



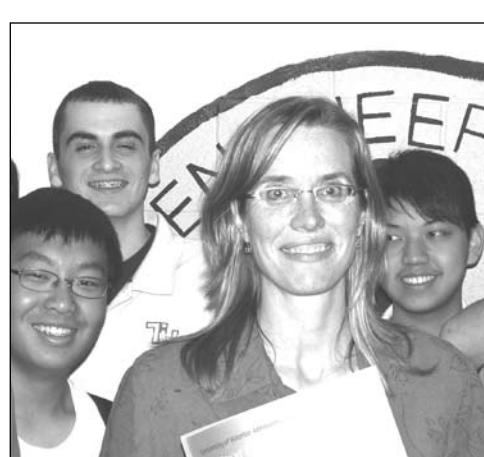
Andrew Clark
1B Mechatronics

"Because it's
there."



Jonathan
Fishbein
'06 Software

"Because I
used to be the
Editor."



Kim Boucher
Associate Director of Admissions

"Because I want to know what's
really happening on campus - like
the construction at CPH."



Yusuf Bismilla
2B Nanotechnology

"It's entertaining
during boring
lectures."



Tyler Gale
3A Geological

"For its
intellectual
stimulation."