



MOVEMBER

Check out these 'staches!!

Page 2

A Fiver with Stiver

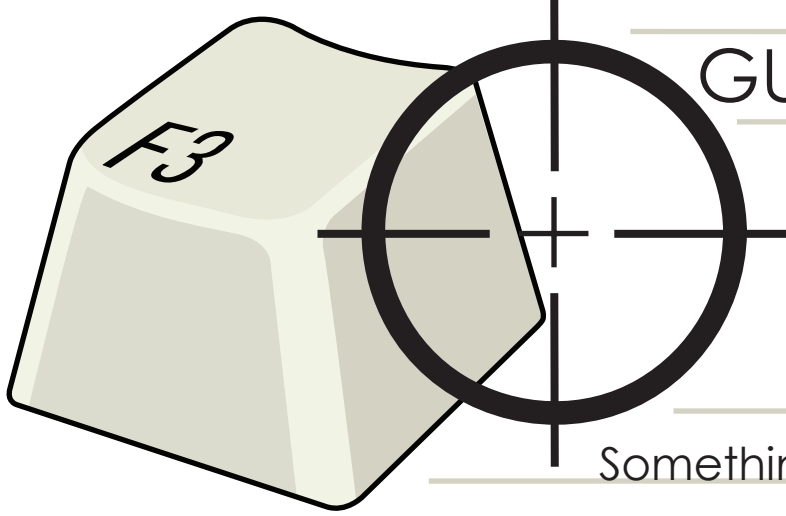
We ask him some questions, and he returns the favour.

Page 5

The Platypus:

A Misunderstood fish, or mammal, or ... whatever.

Page 6



GUELPH ENGINEERING PUBLICATION

OSNAP

Something's Different ... Did you get a Haircut? DEC '10

The opinions of this paper do not represent the views of its the engineering society, its advertisers, the school of engineering, or the University of Guelph. ...now that you mention it, the opinions of this paper don't represent anything at all. This is purely a break in your busy engineering lives and an alternative to the Ontario. Please enjoy responsibly.

We're Expanding!



We are getting bigger everyday. Aren't you concerned about losing our identity?

**Owen Miles
& Ryan Vadori**

Construction ... We see it all over Guelph, campus and Thornborough. The previous engineering building is getting an upgrade. Yes, like a giant molting snake, or mother mosquito, the engineering program at Guelph it's shedding its skin, busting out of its cocoon, and devouring its own parents. But enough stupid metaphors, the engineering building is getting an awesome make-over, and hopefully alleviate some of the congestion created from increased enrolment. New labs in the south wing are already up and running with new ones opening at

a rate of one each hour. The first phase of the engineering building is already open, with the rumored 4th phase supposed to be complete in mid to late 2025 (show picture of shuttle).

Ask any Guelph engineering student or grad what the best part of their Guelph engineering experience was, and they will tell you that it was that small size feel and comradery that exists between students. With all this expansion going on its easy to lose sight of our humble beginnings, but we senior level students would really like for that small program to feel small. How will the dynamic change over time? Who knows? All we know is that it would be really kickass if ten years from now the gazillion peo-

ple in the SOE still share all their homework, stresses and laughs.

With this new big building and addition of programs comes the expansion of our faculty as well. As mentioned in the 'faculty interviews' article in this edition of OSNAP, the School of Engineering is currently hiring. Let's hope that these hiring's bring more professors along the lines of the teaching behemoths known as Warren Stiver, Bill Van Heyst, and John Runciman. These are just three of the exemplary professors at Guelph who set the bar great teaching. Unfortunately, there is no real quantification of what makes a teacher stand out as being a 'good one'. Every semester, we write the course evaluations telling how we feel about

the professor and the course itself. These evaluations are an important way for professors to receive feedback for their teaching. That being said, we as students rarely see the results of these evaluations, usually we wont have to take the course again (lets hope), and its unlikely that you have the same professor for 2 different courses. So as students we don't really get to see the professors making changes to the course if they even chose to listen to these evaluations. With all the expansion, we now have an avenue to really take an active roll in new professor hiring and have a voice directly in your own education.

See "Expansion," page 4.

Wait a Minute, What's This Newspaper?

No Its Not the ONTARION.

Ryan Vadori

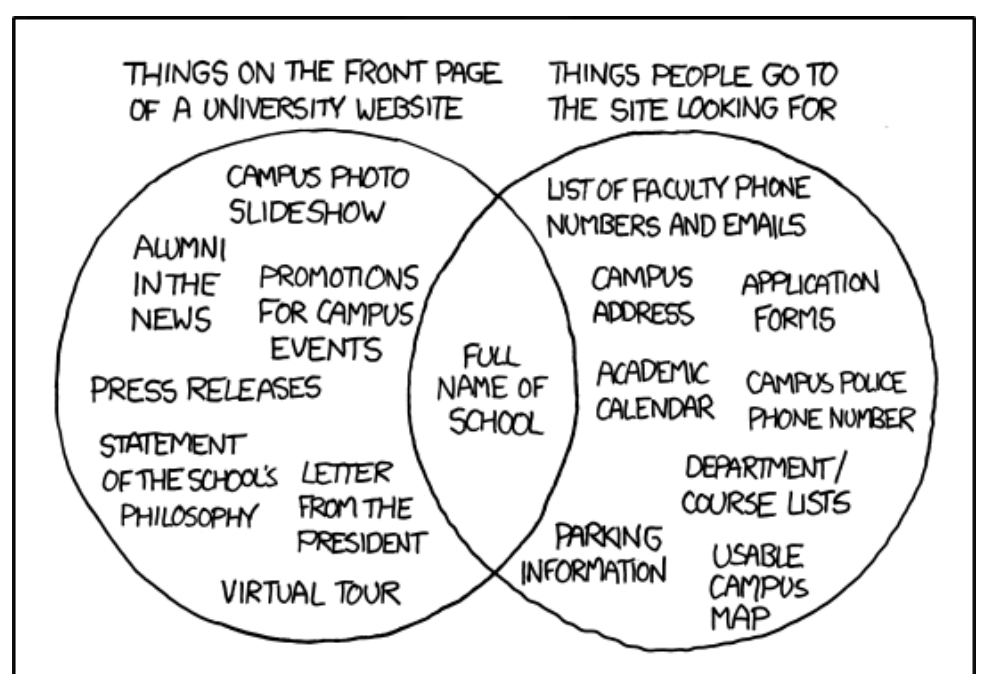
When I was in first year, our graphics lab had about fifteen people in it. Now, the entire room is booked out for first years in that lab. We have seen the first year population more than double in just the last four years. Our student body is rapidly growing and our society needs to grow with it. That is why you are currently reading our first newspaper style OSNAP, rather than a single sheet of 11"x17" paper. We see that our newspaper will need to grow to keep up with the student expansion, to avoid being "a piece of paper that two idiots write offensive inside jokes about each other and

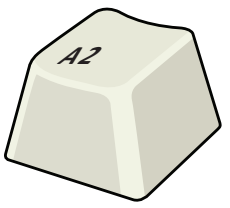
their friends." To do this, we need your help! We have set up a committee of sorts, with the main idea of being low commitment.

Every month, we set up a meeting and order some food. With a full stomach and some ideas, we take the next hour or so and set up the next OSNAP issue. There is no need to come to every meeting, and coming late/leaving early is cool too. We are just searching for a wide range of views from which we can draw ideas and be as inclusive as possible. Unlike the Engineering papers of Western, UofT, and Queens, we want to be representative of as many Engineering students as possible, so find some time to come out and write an article.

Don't Ask Gryph!

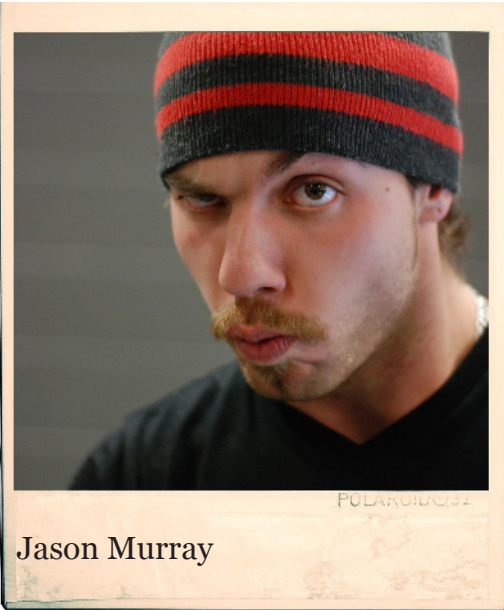
Pointing out the Integral Flaws of University Life





MOVEMBER

Since the dawn of man, facial hairstyles have been both a personal statement about one's self and a style keystone. For the month of November, many males and females from across the globe partook in the awareness event 'Movember' where they would promote prostate cancer awareness by word of mouth ... or upper lip in many cases. Many generous charitable donations were made. Here's what some of our students had to say about the mous-travaganza month of Movember. ~Chris Onishi



Jason Murray

How do you feel about your 'stache wacker?

It's like I've got a Caterpillar on my upper lip. Kinda soft and fuzzy, and creepy

How do the ladies/gents like it??

Mixed review, some like it some don't, it does however attract a lot of attention.

What can you recommend to people who want to get a moustache but are unsure where to start?

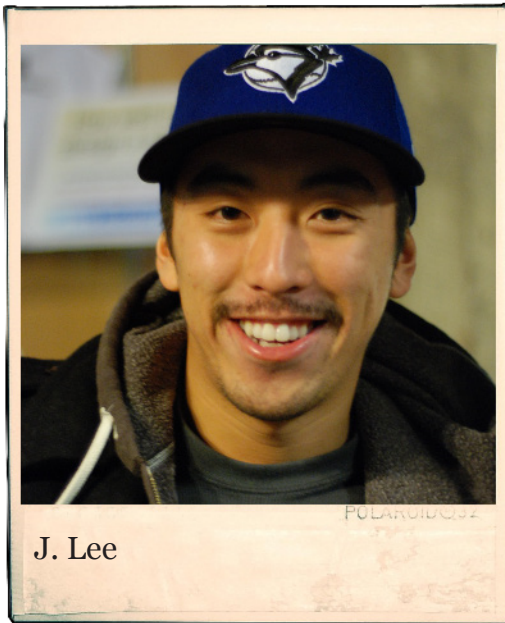
Just do it and eventually you forget about it. Kinda like jumping in a pool, you know you hate it at first then you get used to it.

Fu-man chu (thoughts)?

Excellent for those who can grow it.

How do you feel about moustache rides?

I'm just going to answer the question with another question, how do you think i feel about moustache rides?



J. Lee

How do you feel about your 'stache wacker?

I don't even recognize myself any more when I look in the mirror. I can probably get other jobs that I couldn't before without a stache... however when the time comes when I need to shave it, I'm really going to miss the look. I think that moustaches are really going to make a comeback, so go and hide your kids, hide your wife, and hide your husbands because everyone's growing moustaches out errr.

How do the ladies/gents like it??

Well, I've been getting a lot of compliments and lots of wierd looks. Don't know if they're disgusted or turned on but probably turned on (they just don't know it). Generally, the girls dig it but the guys go crazy over it (just because they're jealous).

What can you recommend to people who want to get a moustache but are unsure where to start?

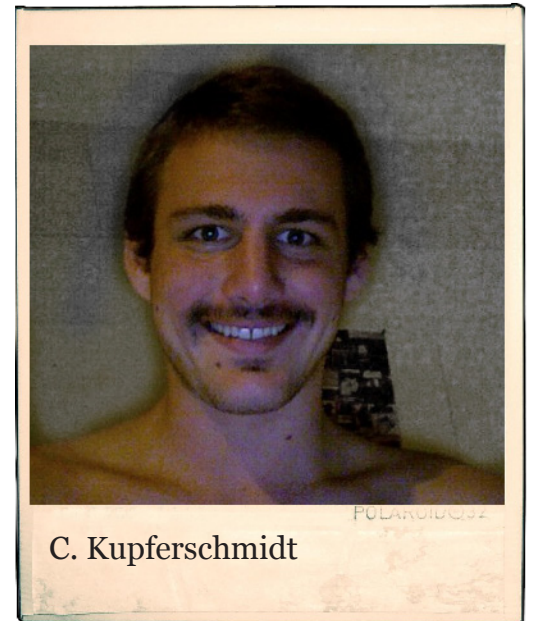
You know, a moustache isn't easy at all. It's not like if you want to get stronger you can just go to the gym everyday. A moustache is totally different and you can't really do anything. Be patient and it'll come. You just gotta believe in yourself and not care about what other people think, because in the end its for a great cause. Plus, it's 100% true that moustaches release pheromones which make you irresistible to the opposite sex.

Fu-man chu (thoughts)?

What, my grandfather? Ya he's pretty dope sauce and he always picks up chicks. I want to be like him some day. Next year, I will grow a stache just like his.

How do you feel about moustache rides?

I don't know, ask all my girlfriends. It's just too bad it's only a limited time offer.



C. Kupferschmidt

How do you feel about your 'stache wacker?

I'm really enjoying having a little fuzz on my upper lip. I think it's good for men to let loose every once in a while and let their facial hair grow. Guys were doing it when they lived in caves twenty thousand years ago, and I'm doing it now.

How do the ladies/gents like it??

I've gotten some mixed responses. Sometimes the ladies like the moustache, sometimes they get creeped out. Occasionally, they REALLY like the moustache ... wink wink

What can you recommend to people who want to get a moustache but are unsure where to start?

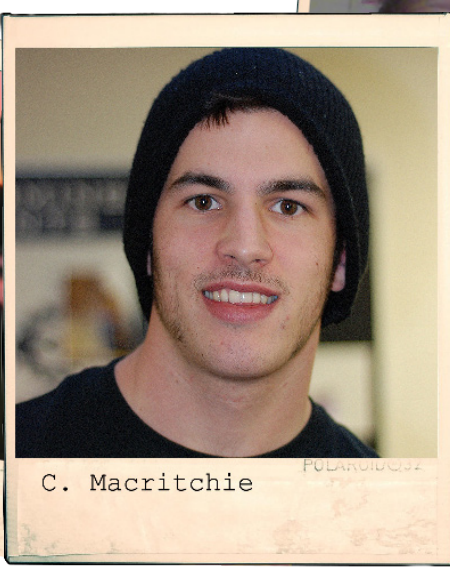
Just for men is always a good place to begin. If that doesn't work, check your junk mail folder. Any of those supplements claiming to increase your manhood will probably also increase your moustache.

Fu-man chu (thoughts)?

It's not a bad 'stache, but I'm more of a Dirty Sanchez kind of guy. That's the look I've been going for at least.

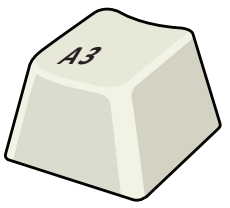
How do you feel about moustache rides?

That would depend on the circumstances at hand. Let's just say that they're not totally out of the question.



C. Macritchie



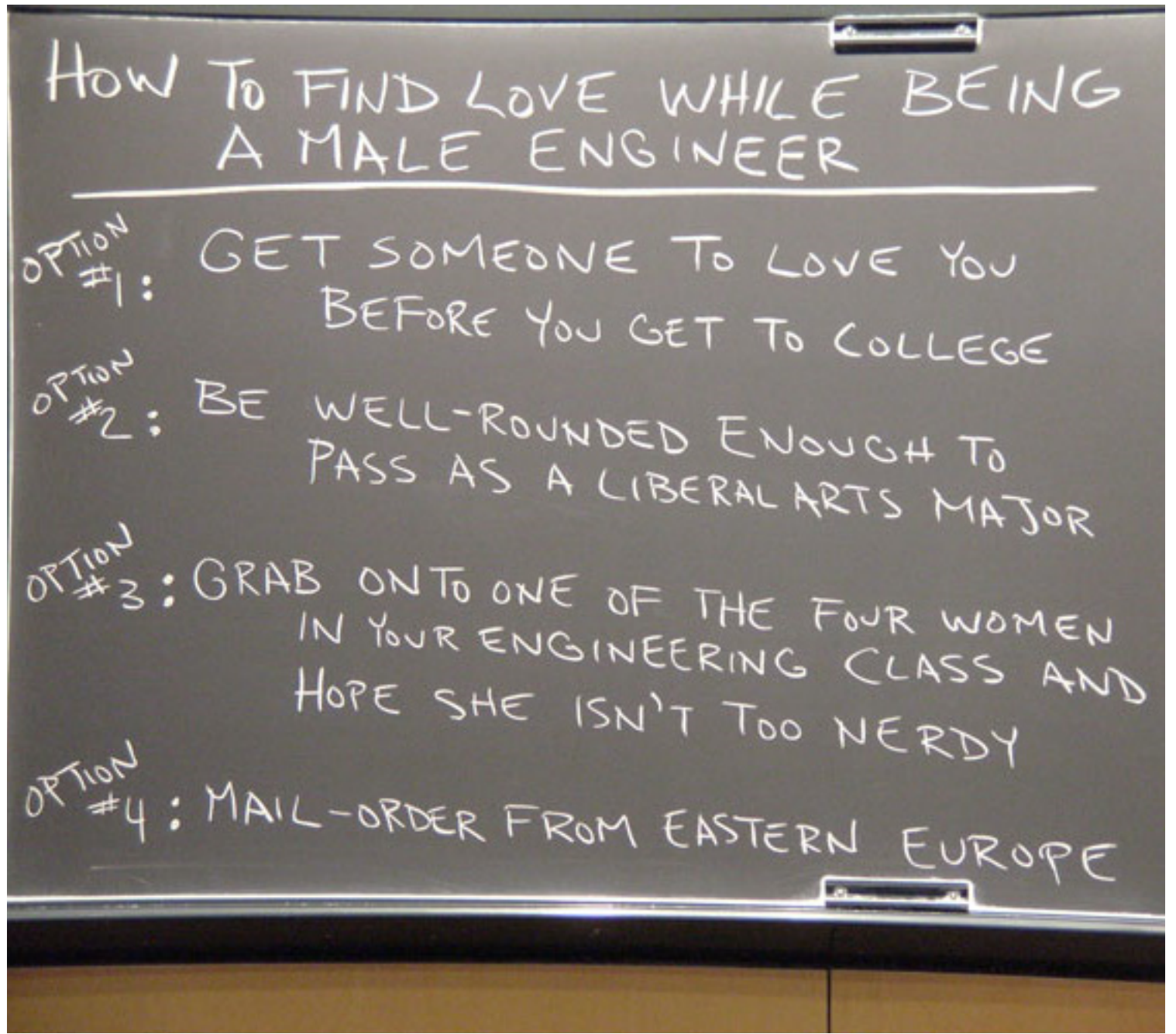


Brunny

Every year the engineering society runs a trip to the debauchery and deuche-bag-gery at the Brunswick house located in Toronto. Every year we find more and more ways to piss-off the managers. It seems only yesterday that I remember Matt "The earth savvy Samurai" Deluca getting kicked out for innocently taking the wrong set of stairs trying to find the bathroom. This year it was no different.

I wont get into details, but it was definitely an awesome time had by all (except for the aforementioned prick management). The trip back was the usual gong show that all engineering trips become on the long, and bladder challenging bus ride home. According to witness Craig Macritchie, "one guy totally puked his pants man."

Further investigation into whatever the hell that means is being carried out by Osnap's SVU (Special Vomit Unit).



Three Reasons not to Mess with Statues



Drink of the Month

Samuel Adams Octoberfest Special Brew

Steve Merrick & Cody Kupferschmidt

This smooth seasonal beer was first brewed in 1989, and has now become a staple of the Oktoberfest celebrations in Munich, Germany and around the world. We found the beer to be reddish in colour with a smooth taste. The aftertaste is smooth as well, but with a light fruity tinge.

The main body of the beer is slightly peaty in nature, and the fact that it was brewed with five different varieties of malts becomes apparent during drinking. As Samuel Ad-

ams advertises, this beer, "... provides a wonderful transition from the lighter beers of summer to the heartier brews of winter."

Basically: This beer is great for hanging out with friends and procrastinating from doing work in hydrology, economics, or any other class. It's the perfect beer to warm you up on a cool fall day. At 5.3%, consumption of more than a few pints will lead to good times with great friends.

Overall Rating: 8.5 pints out of 10

-Cheers!

The Perfect Fall Beer
Location: Brass Taps
Beer Type: Seasonal Lager
Sampled As: Draught

Disclaimer: Cody has no idea what he is talking about, and steve doesnt drink beer (the bubbles hurt).



Student Senate

Anna Barford

The University of Guelph Senate was established through the University of Guelph Act and is responsible for academic programs, regulations and policies. Basically, anything that happens academically happens because of, through, or at Senate. Curriculum changes, new classes, re-arrangement of the calendar, entrance requirements and lots more fall under the jurisdiction of the University Senate. It's a hugely important governing body, has 220

members representing everyone from students, to admins to librarians and in between, and only meets 5 times a school year.

So what's going on with Senate right now that might be of interest to you?

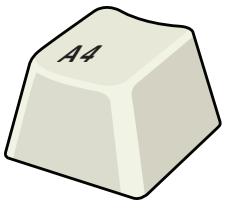
The University is undergoing several program reviews, student consultation is a part of the process so keep an eye out for surveys and focus groups. Internationalism is a big priority this year, there is a (very long) strategic document about how the University plans to incorporate internationalism into curriculum and student

life. They've recognized that a big barrier to people participating in semesters abroad is the inflexibility of program schedules and prerequisite requirements. It's being identified to try and figure out how to give equivalent academic work loads, curriculum and credit to people going abroad. International student enrollment is also looking to be increased as well as straight international content in curriculum.

Student Senate Caucus is looking to do a massive project to compile a 5-10 year plan for the University based solely on student opinion and input.

Is there a hole in the programs offered that you'd like to see filled? Do you think that the University would benefit from a second library? How about a Guelph Law School? Keep your eyes peeled for surveys, focus groups and senators looking to ask about what direction you think the University should be heading in.

If you have any questions about Senate, being a senator, or more of the nitty gritty things that are going on ask either of your friendly neighbourhood senators (Anna Barford and Alex Osbourne) for answers or a more in depth update.



Engineers Without Borders

Do You Know What They are About?

Danny And Emily



engineers without borders
ingénieurs sans frontières
Canada

Engineers have not always been recognized as social change leaders, but Engineers Without Borders (EWB) Canada is working make this phenomenon a reality. In the area of International Aid, the Canadian government needs to be held accountable and engineers are a promising link between politicians and the public. With intuitive skills to create connections, foster communication and tackle problems from unconventional angles, engineers have the knowledge and abilities to be leaders on behalf of Canadian citizens.

Nationwide, EWB is asking the government to ACT on aid effectiveness, making our aid more accountable, creative and transparent. This campaign is not about what we fund but how we fund it. Currently, \$4 billion is spent annually on foreign aid by the Canadian International Development Agency (CIDA). With limited knowledge about the im-

access, use and understand. pact of our dollars, we are asking the Canadian government to take action and reconstruct the guiding principles of how we do aid. EWB outlines clear benchmarks for the Canadian Government so that our spending will see fundamental improvements by means of the following changes:

1. Create a standard for tracking and reporting on major international aid commitments which monitors the progress through the lifecycle of all promises.
2. Establish an expert, independent, arms-length development evaluation agency to assess the results from Canadian aid. These results should be shared with a) Canada's Parliament; b) the Canadian public (published online); c) our partner country's government; and d) local civil society in the country's where we provide aid.
3. Create a \$150 million venture-focused Implementation Innovation Fund to fund the expansion of promising initiatives which complements the Development Innovation Fund and provides later stage financing to take ideas to scale.
4. Sign the International Aid Transparency Initiative, a new initiative that aims to make information about aid spending easier to

access, use and understand.

5. Publish comprehensive, openly available data about all CIDA projects and programs – including the results of all evaluations – on its website in a searchable format. This information should allow the user to track any project from the initial proposal through all stages to project implementation.

By refocusing on effective aid, reconnecting the feedback loop, tackling poverty reduction in a new light and providing suffi-

cient information on Canadian aid spending, our nation will become a role model for international development.

EWB is asking Canadians to sign the ACT petition. One signature at a time, engineers at the University of Guelph are defending democracy and becoming social change leaders. You can be a part of this movement too by signing the University of Guelph's petition or sending a letter to your MP.

Learn more at
<http://www.ewb.act.ca>

Expansion, Continued From Page 1

To go along with our fantastic new building, the School of Engineering will be hiring fantastic new faculty to teach us very important and fantastic things! The school is looking to hire Environmental, Mechanical, Bioinstrumentation and Design faculty. YOU, the student, have the wonderful opportunity to meet the candidates

The Environmental Hiring Committee will be interviewing 2 candidates, Dr. Alexandra Pehlken and Dr. Abigail Steel on December 6 & 7. Students will have a chance to meet the candidates, Dr. Alexandra Pehlken at 3:45pm on December 6th in room 1360 and Dr. Abigail Steel at 3:45pm on December 7th in Room 1360.

The Mechanical Hiring Committee has extended interview invitations to 2 candidates for December 9 & 10. Once confirmed, Engsoc will make an announcement.

This is a great opportunity to meet potential new professors, ask questions, and to get involved in the decisions that directly affect your education.

Sports

Boy, We Aren't Very Coordinated, are We?

Waterpolo

Cody Kupferschmidt
"Engineers just too good at the sport."

Engineering sports teams are regularly called many things, but "too good for the league" is not often one of them. During halftime of ERTW's last game of the season, however, this is what the referee told the team.

From the start of the season, the waterpolo team seemed destined to fail. Although the roster contained over a dozen names, regular attendance for the games was a serious issue and a number of games resulted in defaults. When enough players did show up, however, the results were magical.

Working together as a unit, the four to six players who showed up dominated their opponents. While courteous enough not to run up the score too high, the team was clearly the wrecking force of the fun B league.

Apparently, when scoring regular goals became too easy and ERTW took to kicking the ball at the net using their feet (see illustration by Matt Dicicco) and setting up for various other trick shots, the referee took notice. Finally, during halftime of the final game, the referee had had

enough.

Walking over to the team, she started her angry soliloquy. "Why are you guys in this league," she asked. According to team member Craig MacRichie, the fire in her eyes was so hot it evaporated some of the pool water. "You guys are too good for the fun league. Don't pretend you don't know what I'm talking about [sic]." She went on to tell the team, "Next semester you should join the competitive league. You would do well."

The score of the final game was 18 - 11 for ERTW. The engineers played the entire game shorthanded; ERTW had only five players, versus the opponent's six.

Nice work to the regular attendants: Adam "The Legend" Kristofferson, Lindsay "Torpedo Fish" Smyth, Lindia "Top Corner" Stacey, Craig "From the Future" Fischer, Craig "Top Cheddar" MacRitchie and yours truly – Cody "The Muskoka Sensation" Kupferschmidt.

Soccer

Maddie Craig
Does it without hands for 40 Minutes

The engineering intramural soccer team just completed a successful season in

the Co-ed fun league. Under the brilliant leadership of their captain, Cody Kupferschmidt, the team played hard at every game. Solid offensive plays were made by Cody, Carly Friesen, Rebecca Swabey, Steph Gurr, Jason Lee and Josh Collyer which were supported by a strong midfield line formed of Owen Miles, Michelle Teepest, Lindsay Smyth and Cynthia Mason. Laura Doyle, Matt Zaverl, Ovi Bleadea and Maddie Craig played solid defence with Adam Kristoferson, Jason and Matt all playing goalie throughout the season.

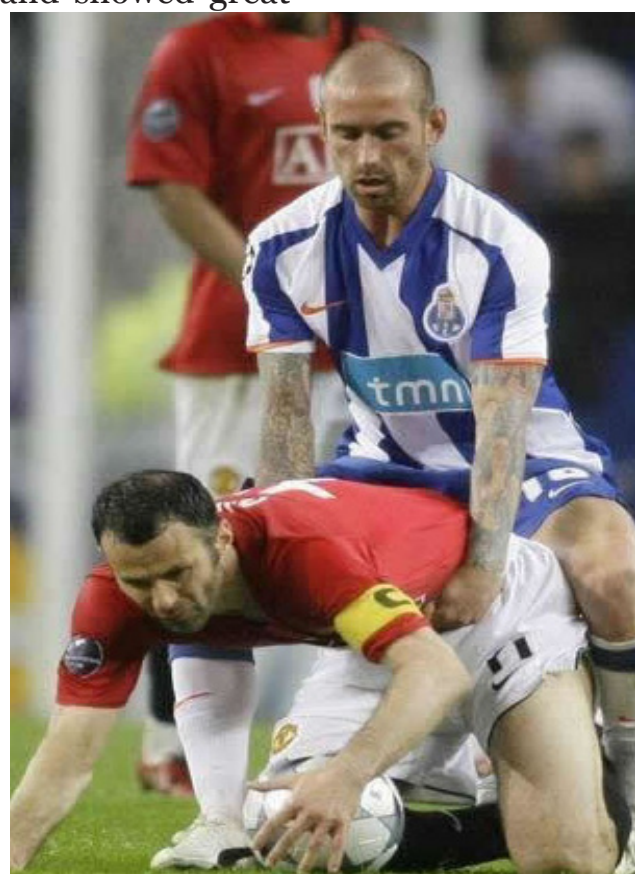
Special mention to rookie players Michelle and Cynthia who made unprecedented improvements throughout the season and showed great

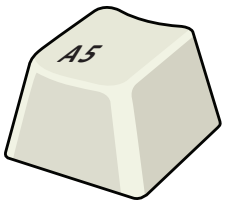
persistence. Enthusiasm and enjoyment was prevalent at every game, and it's been said that this team was one of the best to come out of Guelph Engineering. Congrats on a great season!

Dodgeball

Owen Miles
"This was my Vietnam - and I went to Vietnam."

Unfortunately the DodgeBall scores this semester could not be reported. The engineering team never returned from their last game, all members are assumed missing in action.

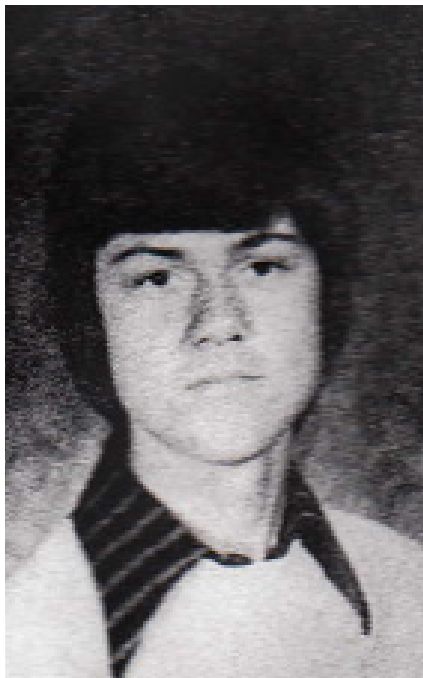




A Fiver with Stiver

The man, the moustache.

Cody Kupferschmidt, Ryan Vadori, & Warren Stiver



Our editors Ryan and Cody spent an afternoon flirting with Dr Stiver, the following is an excerpt from that date.

How long have you been teaching at Guelph for?

19 and a half years.

What are some of the major changes you've seen in your time here?

There have been a number of substantial changes. Certainly growth is part of it. The decision as part of my arrival to launch food, environmental and systems and computing engineering. Those decisions predate me, but they're part of the reason that I'm here ... but there are still lots of things that haven't changed, which is good. We're still without departments. We still see engineering as a multidisciplinary world across all of our disciplines, which I think still serves us very well.

With the new expansion, what are some of the things that you're most excited about?

You're meaning the expansion in both numbers and facilities?

That's correct.

I think historically we've struggled with a building that re-

ally didn't quite meet our needs. When we were small we could get away with it. When the entire facility is done, which includes phase two that hasn't started yet, we will have facilities that support our undergrad at levels that compete with anything in the country. I think we'll end up being a size that will put us as one of the middle-sized schools in the country, and that's big enough for us to be more readily recognized, right across the country. I think we have a reasonable situation to be recognized as the best school in the country. When you're small it's pretty easy to be ignored. If we can keep the best of what we have, we'll be doing well.

When you kick back on the weekend, what do you like to do?

(Laughs) Probably my best kick-back weekends are the times I get to spend with my family. Certainly for the last number of years my kids have both been in rep soccer and rep volleyball, so the times we spend at those events we enjoy the most.

I hear you're a pretty good golfer. What's your handicap?

About ten.

We have a little quiz question for you. What does ERTW stand for?

You mean ESTW? Engineers serve the world. The engineers rule the world will hopefully be the one that will fade.

Do you like the band The Eagles?

I've heard of them ... (Laughs) ... yes, there was a time in my life when I liked the band The Eagles.

What band did you like when you were a teenager?

Hmmm. Probably Supertramp would have been my favourite.

Did you ever get to see them?

No.

What do you think ladies think of all the moustaches

this November?

You should probably ask the ladies.

What's your favourite faculty of staff member's moustache?

(Pauses) I have not looked at them from that perspective before. I'll say they're all equal.

Some students think that you use the word "nominally" a lot. Any comments?

I guess the frequency with which you use nominally depends on your nominal references.

What's your favourite holiday?

Probably, the day I enjoy most would be Christmas day.

Which do you prefer? Star Wars or Indiana Jones?

As a collection, Star Wars.

If you identified as a cartoon character, who would it be?

Probably Yosemite Sam.

If you could go on a vacation anywhere in the world, where would it be?

Anywhere in the world, without fiscal problems associated with that, I would probably choose to go back to Africa.

Any specific part?

We've been to Kenya, and we loved it, but Kenya's not nearly the same country it was 20 years ago. I suspect we'd take a long look at South Africa.

Briefly, what are your thoughts on global warming and/or climate change?

Briefly? (Laughs) It is one of the top few issues the world faces and needs to find broad and genuine and an incredible mix of solutions to. It couples with sustainable energy, and independent of climate change, we have a real energy crisis coming. The two of them can be solved in tandem. Hopefully sooner rather than later.

Cody: Am I your favourite student?

(Laughs) Ummmm ... How do I answer this politically because it's taped? My favourite student is the student I'm talking with at the moment.

In combination with that question, are you glad I'm not an enviro so you didn't have to teach me so much?

I certainly benefit from teaching the enviros three times in that I get to know them fairly well. I do enjoy teaching the second year course in that I get to see everybody, and for a reasonable number I still remember their names, which is not bad. Just teaching students once is hard really. You don't get to see the transition from first and second year students who are often quite shy still, sometimes quite naive. You get to see them in fourth year and you're like, wow. Somewhere along the line they've learned a fair bit. They've grown up a fair bit.

If you had one bit of advice for students, what would it be?

I wish that we could forget about grades and remember that they're here to learn.

If you could ask a question to the student body, what would it be?

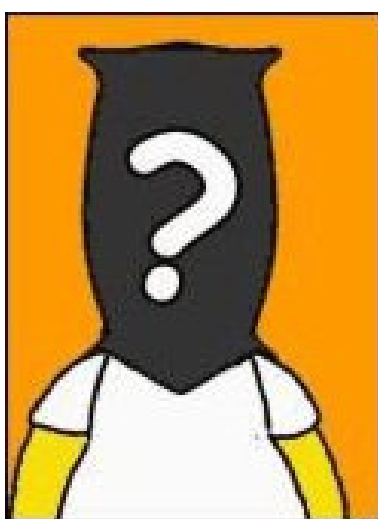
Stiver's Question:

What would be the one thing that students would like to change most about the school or the program? What do they really wish that we would get around to doing?

Do you have an answer to this question? Submit your answer to publications@guelphengsoc.com to be published in the next issue!

Slide Rule Confessional - The Dirty Conscience of an Engineering Graduate

Mr. X



I'm a poor excuse for an engineer. Yes, I think it's time that I admit it... Did they realize who they were giving this prestigious degree to? A real engineer is my father. He can fix and solve any problem. I thought by graduating from this program I would

be just like him, but that hasn't happened... Not even close.

I have somehow come to this point with poor math skills. I know, engineer with poor math skills, a real oxymoron. If I hadn't cheated on my differential equations assignments (oops did that slip?) I would never have graduated. I was that kid, the one who brought down the average to make the bright students feel even better about themselves. So to all the students who were happy they were so much higher than the class average - you're welcome.

I would also like to take this opportunity to come clean about the incident in second year...the materials science final exam. I did glance over at the student next to me for answers multiple times - until I locked eyes with the professor. He knew what I was doing. I saw in his eyes the amount of cursed paper work required to prosecute

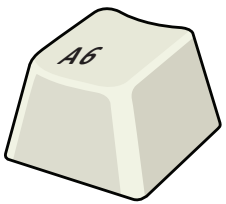
me under academic law. That being said, I never knew why at that moment he still pretended like our eye to eye moment never happened... That was until after the final, in the hallway outside. All the chatter was about what version of the final exam everyone had written. My professor's lack of action made sense all of a sudden. It is clear now that I failed myself from copying someone else's exam. Awesome!

I would also now like to publicly apologize to every group work project I've been in. You probably had a strong distaste for my guts while you carried me through my undergrad. Thank you for helping me along. I seriously wouldn't have graduated without you.

So now the question is who knows my secret? Who knows I'm a poor excuse for an engineer? I recently had a job interview. I noted under my skills section the long list of programs

and models I've used in my undergrad. But did my employer know that I forgot how to run these programs faster than I learned them? Did he realize I was just filling my skills section to make it look like I had skills? Is this why I didn't get the job?

If you think you'll never be the engineer you wanted to be, think of me. If you've even consider that you are not good enough, you're gonna make it through. It might not be a legit pass, but a passing grade, thanks to the bell-curve, is still a pass. Even in the darkest moments, when you considered quitting and moving away to Mexico, think of me. If Alastair gave me an engineering degree, he'll likely give you one too. In closing, let's just hope I never designed any storm pond, sewer system or drinking water in your neighbourhood... because anything can happen as can be witnessed in my life.



Out of Context Quotes:

It was the biggest thing I've ever felt. -Emily to Caitlin

Yeah, I even felt it from my house. -Caitlin to Emily

Can I see your part? Is it up? -Anonymous

I was just happy it was up. -Matthew DiCicco

It's easier to show you how to put it in after you get it up. -Lindsay to Dave

We need to lay out what you need to do to be under us. -Mark Walker

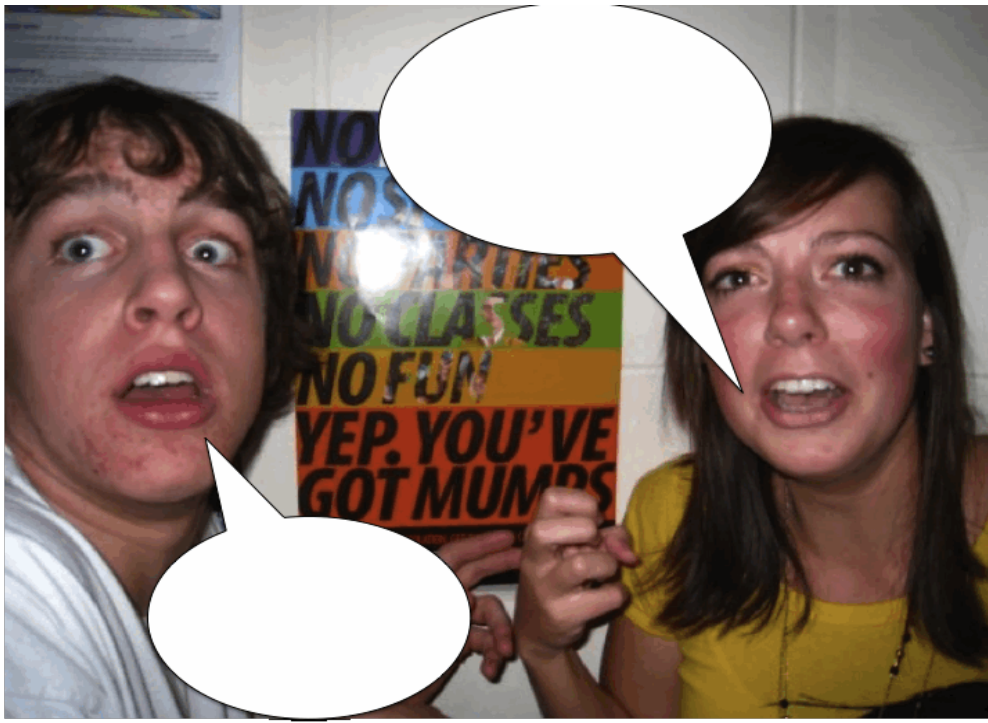
I wouldn't be suprised if your three inch floppy doesnt work in the drive. -Bill Van Heyst

In Context Quotes:

Mark's Mom's buns were the best. -Anonymous

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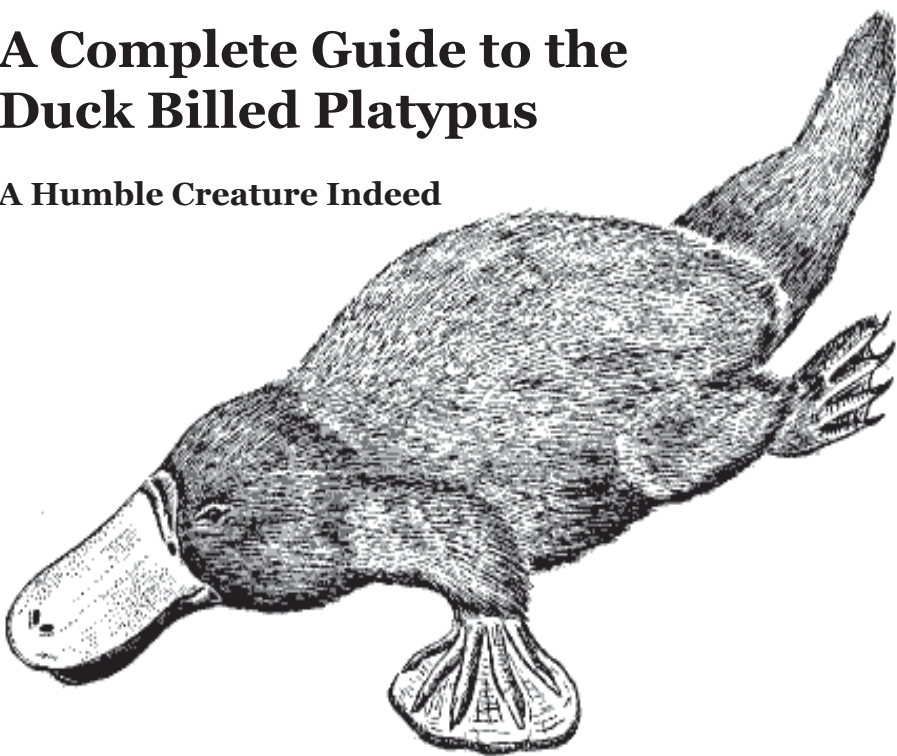


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A Complete Guide to the Duck Billed Platypus

A Humble Creature Indeed



Steve Merrick

Majestic, courageous, and misunderstood, the platypus roams the earth linking us mammals to our reptilian ancestors. The platypus is species of montreme that is native to Eastern Australia and Tasmania - a montreme being a mammal that still lay eggs. The platypus is one of only two mammals on the planet that still holds this title, the other being the long-beaked echidna.

est opinion it should be platypi but Microsoft Word is telling me different) began to play an important role in linking mammals to reptiles in the evolutionary chain. The beak and the fact that platypuses lay eggs in a water repellent shell show that they are closely related to reptiles. The fact that mam- mals are descendent from rep- tiles had been theorized before and the platypus is a ancestral species of the mammals that gave proof to this theory.

This misunderstood species was actually considered an elaborate hoax when first introduced to the European nations in the 1797. The animal was so strange, with its duck-bill, beaver-tail, otter-foot and the venomous spine on their hind legs, that the people of Europe did not believe the animal even existed. Not until 1802 when an actual specimen was dissected in Europe did the belief of the hoax vanish.

You may be wondering why I suggested that the platypus are a majestic creature. Let's face it, these furry little creatures are cute and cuddly, but majestic? In Australia these animals appear as the animal emblem of the state of New South Wales as well as have found their way onto the back of the Australian 20 cent coin. As for the platypus being courageous, the species was hunted extensively for its fur the in 19th and early 20th century. Conservations efforts started in 1905 in Australia allowed platypuses to regain their previous dominance in their swampy homeland.

