Welcome to the Thunder Dome.

Social Media Stuff!

- Facebook: https://www.facebook.com/groups/uvicess/
- Twitter @UVicESS
- Snapchat “fishwrap”

Praise be glorious nation of engineering! Welcome comrades to a new semester, and a new fishwrap! We are comrades Evan and Ryan, and we will be your Ministers of Publicity and Censorship for this term. If you have any articles, events, news, or rants that will bring prosperity to our great nation and should be included in this terms fishwrap, feel free to message us at essacom@uvic.ca.

Any complaints can also be sent to this address, but will be ignored and will result in immediate re-education. May the great leader live for a thousand-thousand years!

← Scan to meet hot singles in your area!

CALLING ALL NEW BRIDGE STUDENTS AND THIRD YEARS:

Do you like BEvERages? Do you like friends? DisOrientation is for you!

Hey bridgies! Want to get to know your fellow classmates at UVic? Come to the disorientation party to meet a whole wack of UVic engineering students that can make your transition here much easier, or at least come to enjoy a few (like 10) BEvERageS. Tickets can be purchased for $2 in the ESS office. Be sure to join the event on facebook, where a location will be later released! For more information, drop by the ESS office or check out the UVic ESS facebook page!
WEC 2014—It’s Going Down, I’m yelling TIMBERRR

40 talented UVic engineering students recently ventured through water, snow and wind to the 2014 Western Engineering Competition, held this year in Deadmonton (errm I mean Edmonton). The Western Engineering Competition is an annual event where over 300 students from British Columbia, Alberta, Saskatchewan and Manitoba gather to challenge their design, teamwork, communication and presentation skills by competing against other engineering faculties.

This year, the University of Alberta did a fantastic job hosting the competition. The venue was held primarily at the Edmonton Delta Hotel, however the delegates made their way to various technical tours of local facilities (such as JV Driver’s modular fabrication plant and the Labatt brewery), restaurants and after parties.

Delegates from UVic competed in various categories such as Senior Design, Junior Design, Innovative Design, Consulting Engineering, Engineering Communications, Impromptu Debate, and Re-engineering.

We would like to extend congratulations to all of UVic’s competitors, in particular the following teams:

Communications: Stream A won 1st place for their presentation on cancer detection

Innovative Design: Stream A won 2nd place for West Coast Nova

Junior Design: Our first years (stream A) won 2nd place, with stream B coming in a very close 3rd
Interested in competing at a future WEC? Here’s a list of categories you can take part in:

**Senior Design:** Senior design teams consist of 4 3rd or 4th year students (any discipline). The teams are presented with an engineering problem the morning of the competition, (in this case, pick up a paper bag, move it under a silo that fills the bag with rice, then deposit the bag in a specified area), and are given 8 hours to complete an autonomous robot using VEX kits that can achieve the task. In addition to designing the robot, a mock budget, concept evaluation, and a formal presentation must be done.

**Innovative Design:** Innovative design is a highly technical category that requires groups of one to four students to prepare in advance a solution to a problem of their choosing. These are typically applicable to the real world, with overall design being judged on market research, feasibility studies, and design prototyping.

**Consulting Engineering:** The Consulting Engineering competition gives participants a taste of the fast-paced, innovative approaches that consulting is all about. The competition requires teams of four to generate a comprehensive solution to a real problem being addressed in the world today. These solutions must be economically, environmentally, and socially appropriate, considering the specific context of the problem statement. Students have one day to prepare a technical report and presentation for submission followed by a public address on the second day of competitions.

**Engineering Communications:** Engineering Communications focuses on the ability of students to explain technologies and technical subjects to the general public. Students research their topic and prepare 30-minute presentations before the competition begins, giving their presentations to a panel of technical and non-technical judges. Winners are selected on the basis of their content, analysis, and presentation skills.

**Impromptu Debate:** The Impromptu Debate competition highlights the public speaking skills of teams of two. Partners compete in a series of debates whose topics are disclosed only minutes before the beginning of each round. The goal is to persuade a panel of judges to favour a given side of the prescribed topic.

**Junior Design:** The Junior Design competition requires teams of 4 to build a simple device to achieve an objective revealed the morning of the competition. With limited resources, the teams have 4 hours to complete the design and build phases, following which the teams present and test their constructions before a panel of judges.

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**Quotes**

“The hotel bible is drying out in the coat rack.”
- Anonymous WEC competitor

“Hey, you! Pee faster!”
- Crazy WEC bus driver that almost killed everyone

“You didn’t spell Ph.D right.”
- Evan Bates

“Can you smoke a monkey?”
- Dr. Stephanie Willerth

“Mechanical systems are always a last resort”
- Dr. Kwok

“You didn’t spell Ph.D right.”
- Evan Bates

“Timber really is a monumental pop opera”
- Angus Hudson
Co-op and Career Fair

When: Tues and Wed Feb 4th and 5th
Where: ELW Lobby
What? A variety of employers will be on campus for this event to connect with students and alumni to showcase their organizations. This is a great networking event—come prepared to make connections!

Looking for co-op jobs? Got a resume and LinkedIn account? Time to polish them up, put on some half decent clothes and shake some hands. This event is a great opportunity for students to both explore some potential co-op employing companies, as well as impress some companies.

Available shifts:
1. 8:15 a.m.-10:30 a.m. (Tues., Feb. 5)
2. 8:15 a.m.-10:30 a.m. (Wed., Feb. 6)
3. 10:30 a.m.-1:00 p.m. (Tues., Feb. 5)
4. 10:30 a.m.-1:00 p.m. (Wed., Feb. 6)
5. 1:00 p.m. - 3:45 p.m. (Tues., Feb. 5)
6. 1:00 p.m. - 3:45 p.m. (Wed., Feb. 6)

Possibly the best (worst) idea ever? - FishWrap SnapChat.

Fishwrap has an official (not really) snapchat account! Add us and send your snaps to “fishwrap.” Snaps will be screenshotted and reviewed by the ESS at our weekly meetings—the best (ie the 2% of them that are appropriate) will be featured in the following issue of FishWrap.

There may be some prizes involved. No promises though.

Scratch that, impress me enough and I will personally buy you an ESS shotglass.

Thinking of sending some raunchy snaps? We can’t condone this of course… but it’s up to you. Will we laugh? Probably. Will we post it? Possibly.

Stay tuned for some upcoming snapchat related challenges.

- Ry

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Formal Fridays and Free Slushies!

Come to the ESS office (ELW 228) every Friday and receive a free slushie! Come dressed baller as and we’ll even throw in a few cup.

For those of you that are too lazy to dress cup, cups are 50 cents otherwise.

Reader Input

Got a story? Want to be heard? Let us know! We are always looking for new material to publish, whether it be a badass project you’re working on, a rant, an event, or a drunk and disorderly weekend adventure!

Send us things! essacom@uvic.ca

Grad Photos

Are you going to get a grad portrait?…better question: Do your parents want you to get a grad portrait? (the answer is probably yes)

You have two options. You can be a chump and just book a normal sitting for $27. OR, you could sign up for one of the time slots allocated for engineering students and only pay $20. That's a whole $7(~ two beer at fels)!!

Also, by getting your picture taken during these times you guarantee that you won't look like the beautiful guy/gal to the left in the engineering yearbook. The yearbook is free to every grad and will be ready for pickup around convocation in June. Don't forget.

Sign-up sheets are located on the bulletin outside the ESS office (ELW 206). *DONT FORGET* - Anyone graduating in April or August should get their grad portrait taken this term so they will get in the yearbook. If you have any questions, I can be found at essaprz@uvic.ca.

-D Fresh
ESS Executive Bios

Through the process of democracy, we present to you this term’s stream A ESS executive. Coming from a wide variety of backgrounds, the executive exists to serve you, the people. Feel free to seek out any member of the ESS at any time to discuss concerns, questions, or general metaphysical inquires about life. Also make sure to drop by the ESS office to see what’s fresh and happening (we have a stapler).

Doug “The Thug” Thomson – President

Doug “the Spud” Thomson, our continuing president, grew up as a russet potato on a small farm in Prince Edward Island. He spent his childhood burrowed in rich soil playing tuber twist with his spud brothers. Then one summer, his family was harvested and he experienced sunlight for the first time. Most of his family was shipped to the Prince Edward Distillery, but Doug was transported to a small grocery store in Vancouver where an elementary school teacher purchased him. This teacher was planning to show her first grade students a potato-run clock. The children were very excited for this experiment, however when the teacher connected the jumper wires to him, there was an electrical explosion and Doug unexpectedly transformed into a human boy. Doug is grateful for this occurrence and aspires to uncover the secrets of biotransformation in order to experience life as other specimens, most notably the pink fairy armadillo.

Sarah Shepherd – Vice President Academic

Sarah Shepherd, otherwise known as "Little Shep," is once again returning to the esteemed VPA role this term. Contrary to popular belief, Sarah did not earn her nickname by being the littler of the two Sheps at UVic, but from her brief stint performing spoken word poetry under the pseudonym “Lil’ Shep.” Her most successful compositions were titled “Little Bo-me” and “Follow Me My Sheeple.” Though she maintains her day job, it is rumored that on some nights if you listen very carefully, you can hear her practicing deep within the ELW.
James Parry – Vice President Finance

Born at the age of two on Baffin Island, James was quickly accepted into the polar bear community as the "Alpha Cub". As ferocious as he is cuddly, James now uses his polar bear skills to produce a divine ESS budget and to ward off other male polar bears. His silver-white fur provides warmth and love for any student needing consoling when they fail their midterms or finals. He is also proficient in the art of crocheting, making lovely hats and mittens for all the orphan children of Canada.

Steve Lyon – Vice President External

A man of mystery, Steve Lyon is known to all but truly known to few. As a 3rd year mechanical engineering student and the VP of external relations, Steve is all about the numbers and being by the books. Steve has no problem speaking his mind and is a leader above all else. When Steve isn't slaying memos or rewriting the constitutions, he, like all engineers, enjoys having a beer with anyone who will lend an ear.

Colton Hyland – Director of Events

Ever since he left his family homestead at the ripe old age of 4, Colton has been yearning to return to the wheat fields of his forefathers. Nevertheless, he has made the pilgrimage to UVic and found himself a nice seat in our ESS as our Director of Events. Throughout the term, Colton will be your man for anything and everything to do with events (EEEs, DisOrientation etc.)
Evan Bates – Co-director of Communications

Evan “Gainz” Bates was raised in the African jungle by a pride of lions. It did not take him long to assume his position as their rightful king. At the ripe age of 13, Evan left on a quest he hoped would redefine him, not as a lion king, but a lion princess. His quest led him to the western shores of the continent where he threatened to tickle the captain of the “Iron Floater” if he did not allow him aboard. The years Evan spent as a fisherman shaped him into a cold, hard man with the strength of 16 apes. He travelled the world, wrestling krakens and sea snakes, and even taking a ride on Moby Dick. Evan’s love of the sea pushed him to join mechanical engineering where he could learn to “build boats and stuff”. You can find him violently marching the halls of the ELW, scowling at all the “soft little people” and laughing as they run away in fear.

Ryan Johnston – Co-director of Communications

In the spring of 1993, Ryan emerged from his mother's womb at a spry, young age of 20. Now approaching 40, Ryan can be identified in a crowd by his failing vision, obscene amount of body hair, and soft hands. As his memory degrades with his rapid aging, he is prone to recounting familiar tales time and time again. Ryan enjoys being in the company of older woman, eating easily digestible snacks, and daytime talk television. Together with the overtly-manly, omni-powerful, and tri-sexual Evan, Ryan will be commandeering this term's fishwrap. He is the man to contact If you wish to contribute to the bi-weekly newsletter.

Alex Wadey – Director of Sport

Alex is a master of a variety of skills. These include, but are not limited to: identifying types of trees, nature poops, and most of all anything train related. Alex’s dreams and aspirations are to become a train engineer, so he can drive trains all day, every day. Alex enjoys a nice IPA, soft/gentle sounds, and spotting wildlife on the side of the highway (dead and alive). He is frequently referred to as "that douche with the guitar" at house parties, and loves when his chinstrap beard is stroked.
Chris Greig – Director of Services

If you feel a slight tremor under your feet, odds are I'm walking around. My favorite sport is sumo quiditch and I do not promise to not embezzle your student fees to finance my severe addiction to slushies. I prefer kittens and I kiss babies, and I enjoy a nice quiet sunset with my pet gerbil, Ralph. But super cereal now, I love you for loving me loving you. Engrish is my favorite color.

Brenden Earl – Director of Corporate Relations

Brenden is a stand up guy that believes he's a wolf and has a thirst for that which can only be described as stale pickle brine. His interests include himself and people that look like him. Brenden is single? but should note that he is a strong independent engineer who don't need no (wo?)man. He is just handsome enough to woo the permanently blind but not cunning enough to go through with his plan to begin a cult surrounding Rob Ford. But actually.

Lisette Lockhart – Director of Student Relations

Some say that she isn't machine washable, and that all of her plants are named Steve. The rumours don't end there, however, it is also thought that she knows two facts about ducks, and both of them are wrong. Some claim that she invented the month of November, and that she blinks horizontally, and even that she sleeps inside-out. All we know is, she's called The Stig Lisette.
His story began when he was a young boy. He spent his evenings and weekends playing with the animals on his parents farm. As he grew up he began to take care of the animals more and more. Thanks to Jake, many of the animals grew up happy; the ducks, rabbits, cows, horses all became happier than ever. However, despite his best efforts, the chickens could never be pleased.

One day while watching a show on animal planet, he discovered that some plants grow stronger and faster when they are subject to music, so he though “maybe if I play music for the chickens, they’d be happier!”.

The next day he got out his parents sound system and moved it over the chicken coop, and later that night began to play music. He played the classics, then indie, and even country! Surprisingly, the chickens loved it! He began playing electronic music every night for the chickens, and over months they began sleeping longer and being more irritable, but on their own, they were as happy as could be. He called this quite a success.

Little is known about the mysterious Angus "Grade-A Beef" Hudson, and less so about his origins. The third of twelve sons to a humble engineer and a sentient supercomputer, Angus left his home and family at a very young age, leaving behind the only woman he ever truly loved: his horse, Tyrone. Through chance encounters with characters like Grigori Rasputin and John F. Kennedy, he discovered he had a knack for getting people to give money to a good cause under a silly guise. And over the following years his talents led him to the University of Victoria, where he will be running the Order of Pi for the UVic engineers.
# YoloSwag4Jesus

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## Events Calendar

**February 2014**

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**READING BREAK— DRINK UNTIL EYES BLEED**
Storm the Vikes! ESS UVic Vikes Basketball Event

Do you love sports? Do you love heckling random people? Combine these loves with us as a bunch of rowdy engineers storm the Vikes basketball game on February 7th at 8:00pm and cheer on our team. Tickets will be sold for a **pre-game social** to ensure we are in the proper mood for the game. Be on the lookout for further information!

ESS Soccer Team- Callout for Players!

Want to prove your skill on the pitch with a bunch of other engineers who are probably just as bad as you are? Come join the Rigid Members every Friday night as they struggle valiantly against overwhelming odds. Newcomers are always welcome and girls are highly encouraged to join as we are surprisingly short of female players. Good times will be had by all and we might even grab a couple wins this semester!

Games Night

It's time to kick off with an engineering games night!

Cost: FREE
Free Snacks! (And maybe cake??)
Bring your consoles, video games, and board/card games!
Get Stoked!
Where: ECS Building
When: Tuesday March 4th, 7pm – 10pm

(I also promise there will be Cards Against Humanity)

P.S. If (WHEN) you're bringing games, consoles, or boxes of board/card games, I'd recommend just putting some tape on it with your name, so no-one’s stuff gets mixed up.
#YoloSwag4Jesus

TOP SNAPCHATS OF THE WEEK

Want to see your snaps up here?

Add us on snapchat: fishwrap
(We’ll post almost anything)

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What is the WEST COAST NOVA?

Two UVic Students recently took 2nd place in Innovative Design at WEC and will be taking their innovation to the Canadian Engineering Competition in February! Austin Warren and Adrian MacRae will be reppin’ Victoria, nationally, with their innovative reheat vaporizer design on the “West Coast Nova.” Check out the project summary below.

PROJECT DESCRIPTION

The project being presented consists of the design and prototyping phases of a handheld portable vaporizer with docking capabilities. The project entails aspects from several disciplines of engineering: Electrical, Mechanical, and Software Design. As the project stands, a functioning prototype has been constructed and further design iterations are in progress.

Over the period of 4 months, this product was designed, machined, and constructed by two second year engineering students with little to no technical experience. This left the project with many possible optimizations. The team is still working together, and as 4th years, have the ability to re-design critical aspects of the device. The heating system is to be further optimized, an alternate microcontroller is to be used, and device size will be greatly reduced; the goal is to create a product which is much more innovative, efficient, and cost effective.

PROJECT MOTIVATION

The choice to design a portable battery powered vaporizer stemmed from Austin’s sibling Spencer’s current health condition. Spencer was diagnosed with Crohn’s disease and has been prescribed many different medications, all of which produced many unwanted side-effects. Recently, he received a prescription for medical marijuana from the Government of Canada. The primary physical negative side effect is bronchitis, which results from the production of tar after burning the plant matter. A vaporizer removes this negative side effect by heating material to the vaporization point of the active chemicals without allowing the harmful combustion of any plant matter. Vaporization provides the user with a much healthier alternative to smoking.

EMERGING MARKET

Recently, there have been dramatic changes with the legislative environment surrounding cannabis in the United States, Canada, and the World. Most notably, recreational marijuana was legalized in Colorado and Washington during a 2012 election. Furthermore, close to half of the United States have either medical marijuana programs or decriminalization laws in affect. Given the emerging state of this billion dollar market, there is a significant interest to grow a brand in the industry.

Pictured: West Coast Nova

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Want to go to UBC E-Week?

Our friends just over the straight at UBC host an Engineering Week every year at the beginning of February. This is a week long competition between all of their engineering departments. The teams get points by showing up and winning at various events throughout the week.

The events vary from chariot racing to beer drinking to foosball to trivia to beer drinking. Last year's schedule is here: http://www.ubcengineers.ca/eweek2013/schedule/

We have been invited to form a UVic team to compete at E-Week. If anyone is interested in going over there for a couple days or even the whole week, shoot me an email: essaprz@uvic.ca

Just to be clear, the ESS will not be funding this. But I'm sure some UBC folk will donate some BEvERages to the weary travelers that brave the treacherous Georgia straight.

**What:** Crashing UBC's E-Week  
**Why:** Inter-school relations

**When:** Feb. 2 - 8  
**Where:** UBC! (that should have been obvious)

Editor’s Notes and Ramblings

Ryan: Well this was my first time so don’t crap on my heart. We’re hoping to maintain the content volume for future issues so if anyone wants to contribute anything at all, we’d really appreciate it. I’d love to get some exposure for some of our engineering clubs in some upcoming issues—anything neat going down in eco-car, formula, ecosat etc? We’re still looking for a hand with distribution so if you didn’t get this issue in a class, shoot me an email and volunteer yourself for distribution (just hand it out or throw a pile of them on a table near the door).

Evan: Heads up to all you that take the 26 bus and get at or before university heights: I hate everything about you. Some of us need to get to Esquimalt and when I get turned down from my ride home because someone can’t wait 2 minutes for a 16, it rustles my jimmies.

Well this is it, our first fishwrap. I hope you enjoyed the first of many. The grind is finally upon us, and I’m feeling pretty saucy about it. We hope that everyone tries their very best to get involved and stay active with the ESS. Let the drink flow and keep the homework coming. Stay strong comrades, and we’ll see you in two weeks.

We’re all gonna make it.

Love,

Your DirComs — Us
FAQ

I just found out there’s a FAQ section on our website and suddenly everything makes sense. Now I know how to dougie.

Check it out! http://ess.uvic.ca/faq

But seriously, all kind of useful info up there regarding lockers, WEC and what the ESS does in general. Worth a read.

Follow Us if You Want to Live

Be sure to follow UVIC ESS on facebook and twitter for up to date posts on the what’s what.

Got questions? Thoughts? Feel free to post or tweet them!

At the very minimum, expect some updates on the next pubcrawl.. Errr I mean “evening excursion”

Check out our website at ess.uvic.ca as well for all kinds of goodness like an old exam database, and contact information for important things.

Lord’s Prayer For Beer

Our lager,
Which art in barrels,
Hollowed be thy drink.
Thy will be drunk, I will be drunk
At home as it is in the pub.
Give us this day our foamy head,
And forgive us our spillages,
As we forgive those who spill against us.
And lead us not to incarceration,
But deliver us from hangovers.
For thine is the beer, The bitter, The lager.
Barmen.