

# DAILY BULL



The Daily Bull is probably not suitable for those under age 18 and should not be taken seriously... like forensic DNA evidence!

Thursday, September 10, 2009

Life is a moderately good play with a badly written third act. ~Truman Capote

## Low Voltage Necromancy and You

By John Pastore ~ Daily Bull

What is heat? Friction? Motion? Magnetoelctroism? All that we feel and all that we are? Those of you in chemistry should be able to answer that one. You and everything around you are made of atoms. Around these atoms, there are - da da dam dam - electrons. And all that you are, and by extension, all that you feel - that must come from the electrons.

Trippy, huh? But we know it's there; you stick a negatively charged thing near a falling oil drop and you can measure the charge of an electron by how much voltage you have to subject it to to levitate it. You can rip apart just about anything by subjecting it to electrical attack long enough (especially in water). And

...see Photon Phacts? on back



## Top Ten Things Your RA Won't Tell You

By Jeremy 'Mr. Sunshine' Loucks ~ Daily Bull

For those of you living in the dorms, life can be tough. Weird-ass roommates, group bathrooms, and those odd people who run the place. RAs. Resident "Assistants." Now, as many of you know or are finding out, these people are more like dictators than assistants. "Turn your music down," "No airsoft wars in the hallways!" and of course, "Don't masturbate with the door open!" are all things you might hear from these ruthless rulers. Well, even while making your life hell, they have hidden lives and agendas as well. Here are some of the things your RA will never tell you about dorm life.

1. Much to popular disbelief, your RA was once a student such as yourself. They also drank underage, gambled, had random sex buddies, and had dreams of creating robotic armies to conquer Sweden. They of course lost these silly notions and dreams when they signed their contract.
2. Just like TAs, RAs have sold their souls. Only to a slightly different power, the supreme ruler of the campus, Tarvis Ecreip. They sell their souls to him in order to get free room and board. Cheeky bastards!

3. Your RA gets extensive training in how to be PC. No, not computer literate. Politically Correct. The same Tarvis Ecreip that they sold their souls to is so anal about political correctness that if they even think about using a term such as cafeteria, freshman, or dorm, he comes in their sleep and steals their dreams, much like a Gengar.

4. RAs want you out of the dorms by any means necessary, especially if you're the kind that brings home ladies and sexiles your roommates. Therefore, the condoms they give you at the beginning of the year are either expired or have holes poked into them. I hear a good site for folks that use them is [www.babynames.com](http://www.babynames.com).

5. RAs don't mind you watching porn with the door open. However, they usually get concerned when they see over 5 guys in the same room watching porn. The reason they don't mind? What do you think they're doing in their room when the door is closed? Making strudel?

6. RAs are kind of hypocrites. They

...see RAmpage on back

Did you write in the newly poured concrete between Rehki and Dow? I wish I did.



## MTU EcoCAR Team Models to Make Debut

Brought to you by Seth Taylor

"Modeling" is the word chosen to describe EcoCAR, year 1. Modeling is, as Dr. John Beard puts it, the best way to "avoid Monster Garaging the Saturn Vue Hybrid in year 2." Parasolid representations, component characteristics, and control strategies are the models most important to successful simulations.

Although the team did not receive any calls from Vogue or Glamour magazines, it nevertheless feels as though its models are attractive.

The past year has been quite a journey, challenging the team with real world engineering problems and calculations. The outcome is looking promising for the team, whose chosen architecture is a 2.4L E85

engine, 100kW electric motor, and a 22.3 kWhr lithium-ion battery pack. Year 2 will take the entourage to the Arizona desert where they will strut their stuff in front of the judges and 16 other teams from across North America.

This year the designers will work with the models to produce a prototype product scheduled for release to a department store near you in year 3.

As always, the team is looking to build their entourage and they want **you** to be part of the big deal.

Be sure to check out their booth at **K-Day**. There will be **FREE candy** that was confiscated from the models! 🍬

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...RAmpage from front

come down on you for underage drinking in the dorms, but then they go out and party their asses off (legal or not) and sometimes come back wasted. The best way to get back is to steal their booze when they're not in the room.

7. RAs love when you pull pranks on them. One time I "borrowed" my RA's special keys. He thought it was a great prank. He even considered a counter prank, something called a "write-up." Unfortunately, he got his keys back before I found out what the "write-up" thingy really was. If any of you pull a prank and get one, let me know what it is!

8. Blackmailing your RA is a great way to get out of trouble. About to be reported for something stupid? Show him/her that recording of them singing in the shower, or pictures of the exotic sex toys you found in their room while snooping. It's a surefire

way to get off scott-free!

9. Another sure-fire way to get out of trouble is to date/be romantically linked with an RA. Use your body to your advantage to cause havoc upon your fellow dormmates.

10. Your RA will never tell you the true way to settle disputes with your roommates. They might go on about talking it over, compromise, and other bull. The true way is to listen to death metal very loudly at 3am (through bad earphones that leak sound) and mouth the lyrics about stabbing and killing. Also, brag about "the bodies they'll never find." Eventually, you'll scare them into submission or moving out. Either way you win!

Hopefully this has been an enlightening trip about your RA and dorm life. I hope you all are able to use it to your advantage and create mayhem in the dorms.

...Photon Phacts? from front

you can even be measured electrically. Once you're dead, you stop being so electrical. Are friends electric, too? Yes, young Gary Numan, even they are.

So what exactly do these electrons \*do\*? What set of simple operations does it take to make you do all the things you do when you add them up a few trillions of trillions of times (your body has like a few trillion cells, and each of those has a few trillion electrons). It's really surprising how simple it can be made. Four things and four things alone make up all that you do and are.

Move an electron from A to B.  
Move a photon from A to B.

Electron: absorb a photon. (note: add its energy as momentum!)

Electron: emit a photon.

Now, one of you majors - sodomize me if I know which one - knows that an electron is pretty likely to emit a photon and absorb a photon at any given moment. It's measured about .1, this probability. Granted, this measurement also includes the option of an electron, in its moving, of emitting and absorbing its own photon, but hey - that's .1 times .1, or .01.

While you do have to take pretty much an infinite number of these photon-cup-games into mind, they get really small so fast you don't have to worry that much. And that's it! 95% of what electricity does, explained right there. Don't believe me? Time for some examples, you heretics.

Electric repulsion: Shoot a photon away from Electron A, and have that momentum get absorbed and added into Electron B.

Friction: Loss of momentum of your electrons cause your causing them to interact bunches with what your pressing them against - and those photons are gonna randomize that motion, turning it to...

Heat: Electrons around things that

are vibrating back and forth emit a photon that itself can cause more vibration, thereby spreading the waste-heat-love about.

Conduction: Lots of weakly held/free electrons; they are easy to accelerate by transferring a photon from a much higher energy electric charge. (RECALL: Voltage is the energy per charge! And energy is just work - or force applied over a distance!)

Nerves: Electric repulsion and attraction causes proteins to change their shape and pull sodium and potassium inside, polarizing the nerves. Conduction along similar lines will depolarize them, sending a signal.

Your soul: That fuzzy feeling that tells you you're you? The feeling of having a body, of being in your own skin, of motion? All that is being transmitted along your nerves and processed in your brain as per the general idea of neurons. Easy enough to copy, if we tear you apart - but where to stick all the data?

Lasers: A photon goes by an electron all set to release a photon. It's more probable that as there is a photon in that space already with these parameters that another photon be emitted with those parameters.

Sound: Electron moves at another

electron, shoots out a photon which is absorbed by another electron; the momentum of the wave moves forward and all the matter pretty much stays where it started.

So that's it! Everything you move through and around experience and are is explained with those four simple rules. You also have quarks inside of you, but those are mostly just serving as things to wrap your electricity around. And gravity? If it weren't for the ridiculously huge planet you're on massing in at a six thousandgigagiga tonnes, you'd wouldn't even have your electro-feet being pressed against a surface enough to feel your own mass being attracted gravitically. Granted, all these things behave with probabilities of happening here or there and at such and such speeds - we can play with that later. Isn't electrolore fun?

People still making fun of you for your funny shaped head?



We probably would too.

But that's ok! At least we won't push you in the mud for it. Show off your creative genius at the Daily Bull. Meetings every Wednesday at 9:15 PM in Walker 144. You better be there football head.

# Daily Bull

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