

**Not Rocket Science (NRS)**  
**Saturdays & Wednesdays\* 1:00-1:30 PM**  
**CHLY 101.7 FM**  
**[notrocketscience@viu.ca](mailto:notrocketscience@viu.ca)**  
**\*repeat**

Not Rocket Science (NRS) is a thirty minute weekly radio show about the science of everything and everything science. It won the National Association of Campus and Community Radio's 2009 award for Outstanding Achievement in Current Affairs. NRS is produced and hosted by a collective of five Vancouver Island University scientists, Todd Barsby (a chemist), Liz Gillis (a wildlife biologist), Greg Arkos (a physicist), Gara Pruesse (a computer scientist), and Stefanie Duff (an evolutionary biologist), and it airs segments generated by those producers and by a growing cadre of contributing scientists (chemists, earth scientists, biologists, mathematicians, and physicists). It also serves as a platform for contributions by VIU science students. The topics vary weekly and are wide ranging: from interviews of visiting and local scientists who are giving guest lectures on the VIU campus, to monologues on the night sky, and round table discussions about science and society.

The following is a list with brief descriptions of our regular monthly segments, around which interviews are scheduled.

**SkyVIU:** Dr Greg Arkos delves into the world of astronomy, and keeps us informed as to what is happening in the central island's night sky. As well as informing us on what is going on in the world of astronomy. Segments have included looking at the Large Hadron Collider debacle, debunking astrology, and the Star of Bethlehem.

**Atoms to Apples:** Drs Todd Barsby and Alexandra Weissfloch dig into the chemistry behind your favourite foods and the cooking process. What makes a chilli pepper hot, or cheese taste the way it does, and what's going on in that food label. It's all answered on A2A.

**Magnificent Microbes:** Drs Mercedes Hernandez and John Amaral talk big about the world of the small. Antibiotic-resistance! Disease! Beer, Wine & Cheese! The microbes do it all.

**I've Got Problems:** Dr Dave Bigelow is a mathematician with problems, lots of problems, and he's willing to share. Monthly brain benders are presented – be the first to email in an answer and win a prize, because, while Dave's got problems, Not Rocket Science has the answers.

**Science of Climate Change:** Drs Erik Krogh, Steve Earle, and Jeff Lewis bring their knowledge and passion to bear on one of the greatest yet misunderstood challenges facing Planet Earth. What's really going on with the planet, and how can we help?

**Designer Genes:** Dr Allan Gibson takes us on a tour of the world of genetics, building up from three letter codes into the DNA molecule and replication. Tune in so you can answer the age old question "how mutant are you?"

**Critter Chemistry:** Dr Todd Barsby and VIU students in BioOrganic Chemistry examine the remarkable ways that organisms use chemistry to communicate (sex!) and to fight (Zap! Ka-Pow!)

**RECENT MEDIA FEATURING "NOT ROCKET SCIENCE"**

VIU News. "VIU Science Show Heats UP Radio". January 2009. Available at <http://www.viu.ca/mainly/page.asp?ID=1561>.

Shaw TV – The Daily. TV interview with Not Rocket Science Producers. April 2009.