

Mobile Global Health Supercourse

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www.pitt.edu/~super1/

Appi-demiology

Appi-demic

We were very pleased with all the responses we received concerning Appi-demiology in last weeks newsletter. Many feel that Epidemiology and Mobile technology may be the next great move forward. There is no other area of global health where we can reach almost everyone across the world.

We have discovered a major Appi-demic that has occurred in the past few months that has been unnoticed by those in global health and prevention. We did a Google Trends search on “apps” and found clear evidence for growing interest in apps: <http://www.google.com/trends?q=apps> . It is fantastic as to how “apps” are infecting the world.

However, use of “Apps” by those of us in Appi-damia is not well developed. Eric Marler searched out apps for Global Health (67), Epidemiology (10) and public health (17). Our field is not very well represented among the 300,000 apps currently available with less than 100 apps. Clearly we need to push apps forward for Global Health, epidemiology and prevention. There is an app for bed bug surveillance, if bed bugs can have apps, then so can CA, AIDs, and smoking.

Thought is an infection. In the case of certain thoughts, it becomes an Appi-demic (Stevens)

When we do a Google search on Mobile Global Health, there are 62 million sites. Supercourse Mobile Health Lecture site was #1, having a higher ranking than 61,999,999 sites. Come visit the Mobile Global Health site at: <http://www.pitt.edu/~super1/globalhealth/mobileGHS.htm>

In the previous newsletter I asked to people to send to us their favorite and most appealing apps. It was most interesting that we there were about 20 people who made suggestions, however, there was only one public health app of the 20. Once again demonstrating that we are just in the beginning stages of Mobile Global Health.

The apps recommended for appi-demiologists are

Bacteria

Bed Bugs: Designed to map major outbreaks of bed bugs

Biowar

Board Review Series Microbiology

Currency Convertor: For those who have given a \$60.00 tip, instead of \$00.60

Dragon Dictation
Flixter
Facebook and Twitter
Fluent news: I just downloaded this, and it is very nice
GO Request - you can alert your city to problems that need fixing – graffiti, broken sprinklers, code enforcement, traffic signs, potholes, broken lights, etc.
Google
Kindle
Medscape
Lange Microbiology
Micro Wiz
Navidation (very nice, but a bit pricy GPS system)
Netflix
Pandora
Pimple Popper, a game for the epidemiology of pimples
Rescue Me –A GPS system should you drive off a cliff
Roadside attractions – provide a history and sites for driving
Skype
Sleep cycle – uses biorhythms & wakes you when your body is in light sleep mode.
Surveillance: There are now several projects using cell phone based surveillance system
TuneIn Radio app
Viber and Whatsapp - for free phoning and texting
WebMD
Arin Basu suggested that epidemiology develop apps for power, sample size, odds ratios, relative risk, research design as well as other methodologic issues in Global Mobile Health.

Clearly Mobile Global Health needs suggestions from you, the appy leaders!! Your apps can help save the world.

We will be updating our Mobile Page with educational materials concerning Mobile devices so that we in global health can learn about aping, and we will also teach those in Mobile technologies about global health.

Appi-holics: Maxine Ingham was a little concerned that we will turn epidemiologists into “Appi-holics” There is something addicting to these Iphones and I pads!!

Appi-tunities: Steve Blair suggested that we do a global randomized trial of physical activity of a million people in each group. This many in fact be possible and very cost effective. Mobiles with accelerometers, and GPS systems could provide a global assessment of physical activity. Linking radiation and chemical sensors to smart phones could provide a very powerful tool for environmental epidemiology. Skype can provide coordination for very large scale studies. Please send to me any ideas that you might have. Please think big! (ronalddlaporte@gmail.com)

“Luck is what happens when preparation meets appi-tunity (Seneca)

App-reciation: We very much want to say appreciation to the many of your who have supported the supercourse in our ongoing fund drive. It has been very difficult to find funding, as we are on the bleeding edge. Last year our budget was very limited, but we taught over 6 million for less than a penny each. Your wonderful support has been most app-reciated. I will be writing and thanking each of you, and you will be included in our donor page. If you have any thoughts about foundations, grants, or rich widows we would very much like to know. Also, for universities, federal agencies, and corporations well funded programs in global health, we are happy to partner with you to bring your messages to millions of students, all medical, public health, agriculture, nursing and pharmacy schools, as well as all national medical and public health societies and all Ministers of health. We thus have the largest network in the world, and we are happy to work with our rich brothers and sisters. For those of you who have given, thanks so very much Thanks again, from our hearts.

The deepest principle in human nature is the craving to be app-reciated (James)

Faina's pick of the week. Lecture of the week: Another JIT?

In the past few months we were quite focused on chronic disease, but now it is time to treat the Supercourse audience to one of the newest and latest Supercourse Just in Time (or JIT lectures). These are the lectures on recent natural or man made events that have tremendous implications for public health. Dr. Walter Hays recently completed the newest update on the lecture RAIN-TRIGGERED LANDSLIDES IN BRAZIL available at

<http://www.pitt.edu/~super1/lecture/lec41201/index.htm>

This lecture gives wonderful details about landslides, as well as their economic and societal implications. Once we receive a lecture from Walter, Eugene immediately puts it on the web, and we notify the people in the country that is being affected. We did this for Brazil, and just today for Pakistan. Please contact us if you are interested in donating other JITS to the Supercourse!

Ron, Eugene, Faina, Meredith, Francois, Eric, Ali, Vint, Ismail, Gil, Jesse, Mita, Kawkab, Nabil