



GLOBE Mission Mosquito Challenge August. 2021

I just started a connection to the educational program Global Learning and Observations to Benefit the Environment (GLOBE)

International science and education program globe.gov/about


False:

Dark clothing has been shown to attract some species of mosquitoes more than light clothing. Wearing lighter colored clothing can provide some added protection from mosquito bites.



Dr. Rusty Low

zoom





True!

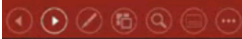
Smelly feet attract some species of mosquitoes. Why? Maybe because dirty socks smell of carbon dioxide, sweat and lactic acid, but we are not sure.



False:

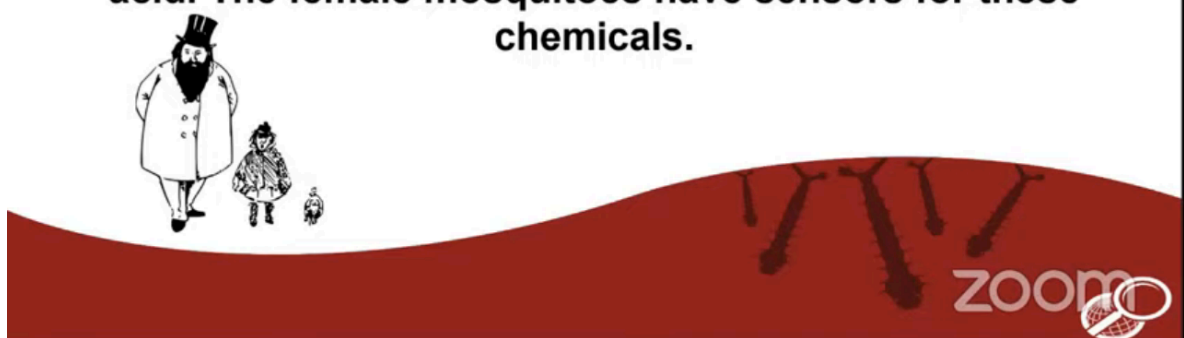
Mosquitoes locate their hosts by sound and radar, like bats

Mosquitoes find hosts by sight (detect movement), by detecting infrared radiation emitted by warm bodies, and by chemical signals (carbon dioxide and lactic acid)- from a distance of 25-35 meters! They do not use radar like bats.



False

Female mosquitoes tend to bite bigger people because they produce more carbon dioxide and lactic acid. The female mosquitoes have sensors for these chemicals.



Dr. Rusty Low

It was asked tips to protect ourselves from mosquitoes: my own experience in this area by recommending to use salt everywhere in your shower-routine (on your skin, shampoo, mouth rinse water...) + add lemon-essence + water in a spray bottle and use it on you as everywhere else around (when you remove dust for example)

Note: I loved diving in this workshop, and especially a great slide back since during my childhood I saw larvae every summer. It's crazy since I had never seen them since!



THE GLOBE PROGRAM

www.globe.gov

www.globe.gov/web/mission-mosquito