When Facts Fail: Communicating with Skeptics (Difficult People)

And there certainly is a lot out there to be concerned about!!





Consider National Geographic's "The War on Science" highlighting public's concerns about the role science plays in thinking about... > Climate Change \succ Evolution > Vaccinations > Moon Landing > Genetically Modified Foods, GMO's

A lot of Americans don't know a single scientist. We need to fix that

By SARA WHITLOCK / FEBRUARY 7, 2017



MIKE REDDY FOR STAT

've recently been thinking about this: There are a lot of Americans who don't know a single scientist.

This is one of our biggest failures as a community. When we <u>March for Science</u> in April, we'll be fighting for our right to freely communicate with the people whose taxes fund our work and the legislators who we hope will use our work to inform policymaking. But we haven't done a good job of actually communicating with people about what we do. And some people don't even know who scientists are? Or what a scientist does. Scientists need to communicate with people about what they do!



"Talk to me I'm a Scientist"

But scientists often don't view things the way the public does!

Agree to disagree? Percent of U.S. adults and AAAS scientists who say the following		
	U.S. ADULTS	SCIENTISTS
GMO foods are OK to eat.	37%	88%
Humans have evolved.	65%	98%
Require childhood vaccines.	68%	86%
Humans worsen climate change.	50%	87%
Increase fracking.	39%	31%
Drill more offshore.	52%	32%

I often find myself in the middle of these discussions

So, how do you communicate with such people on these issues?

SOURCE: Pew Research Center, January 29, 2015, "Public and Scientists' Views on Science and Society" http://www.pewinternet.org/2015/01/29/public-and-scientists-views-on-science-and-society/

When Facts Fail: Tips to Communicate Science with Difficult People

Let's look at some specific advice

Modified from CLEAR members: V. Markham; T. Simmons

Sometimes we talk too much!



Keep it simple Use analogies to improve understanding

Why not ask questions to find out about them? Find common interests



What's their view on the topic?

Why do they have those views?



Try to understand why.

Avoid taking a strong position



Dig in to try understanding other viewpoints

Start by touching on things they care about – while weaving in the facts



Listen to what they have to say before launching into your points

Difficult audience members can be <u>your</u> teacher, too



Listen to what they ask and have to say You <u>can</u> learn from them too!

Everyone needs to be part of the discussion – tools like "polleverywhere" help you learn more about your audience



https://www.polleverywhere.com/

Provide additional resources when possible



Make sure they are factual and balanced



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ANR Factsheet:

https://ucanr.edu/sites/Professional_Development/files/356058.pdf