

Derek Muller

Passionate science educator, communicator, filmmaker, MC

Dr Derek Muller is a presenter on ABC TV's *Catalyst* program and the creator and director of Veritasium, a science-based YouTube channel with over 200 million views and three million subscribers.

Canadian-Australian Derek joined *Catalyst* in 2008 and since then has reported scientific stories from around the globe. Meanwhile, Veritasium is a channel of science and engineering videos featuring experiments, expert interviews, cool demos and discussions with the public about everything science. Its goal is to make scientific ideas clear, accessible, and interesting. Issues include global warming, seasons, the scale of the universe and much, much more.

In 2015 Derek hosted the television documentary *Uranium: Twisting the Dragon's Tail* for PBS, which aired internationally. He has been featured on the Discovery Channel, History Channel and the BBC.

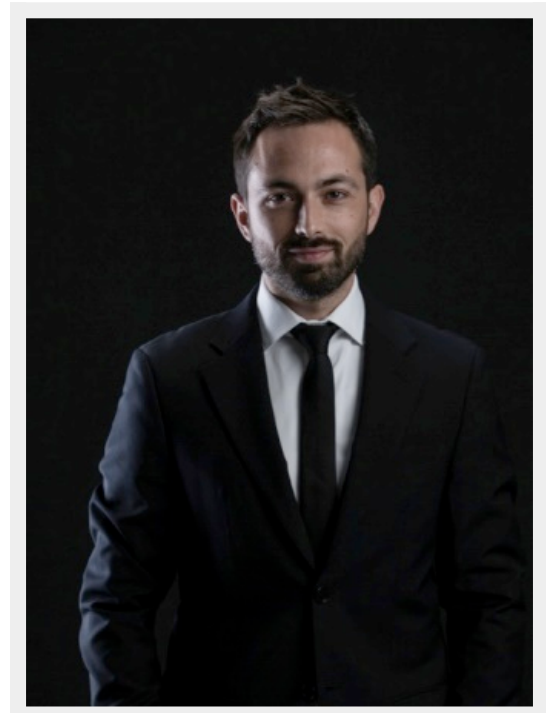
In September 2015, Derek was the host of the Google Science Fair 2015 Awards Celebration. The Google Science Fair is an online science competition sponsored by Google, Lego, Virgin Galactic, National Geographic and Scientific American.

A passionate science educator, communicator and filmmaker, Derek Muller has a natural gift for being on camera and on stage. His unique science-themed films and presentations are both entertaining and educational.

Also in September 2015, the American Association of Physics Teachers (AAPT) announced that Derek Muller had been selected to receive the 2016 Richtmyer Memorial Lecture Award in recognition of his outstanding contributions to physics and effectively communicating those contributions to physics educators.

In 2016, Derek will host a new show on Discovery International called Question Everything.

Derek holds a B.Sc. in Engineering Physics from Queen's University in Kingston, Canada, and a PhD in Physics Education Research from the University of Sydney. Derek studied how to design multimedia to teach physics effectively. One of his major findings is that addressing



misconceptions first is often essential to engage the audience and promote conceptual change.

Derek Muller has published in several international science education journals and presented at numerous education conferences worldwide. He also teaches physics at high school and university level.

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