

WebSights features announcements and reviews of select sites of interest to physics teachers. All sites are copyrighted by their authors. This column is available as a web page at *PhysicsEd.BuffaloState.Edu/pubs/WebSights/*. If you have successfully used a physics website that you feel is outstanding and appropriate for WebSights, please email me the URL and describe how you use it to teach or learn physics—macisadl@buffalostate.edu.

• **207 mph rocket powered bicyclist**

<http://www.bbc.com/autos/story/20141110-watch-207mph-on-a-bicycle>
<http://www.topgear.com/car-news/video/watch-man-do-207mph-bicycle>

In a very cool introductory kinematics example, daredevil François Gissy's iron grip on his rocket-propelled bicycle enables him to out-accelerate pretty much every stock automobile in existence at 1.9 g (compare the mass of a man + bicycle to a car). Nice video, but be careful in classrooms of some accompanying crude comments on the website admiring the riders' courage.

• **AAPT celebrates the New Horizons Pluto probe with resource collection (membership required, so join already)**

<http://aapt.org/Resources/Pluto-Articles-Resource.cfm>
https://www.nasa.gov/mission_pages/newhorizons/main/
https://en.wikipedia.org/wiki/New_Horizons
https://www.youtube.com/v/gFo4u_ADiw4

The AAPT has assembled a new collection of articles about Pluto, previously published in our journals, *The Physics Teacher (TPT)*, and *American Journal of Physics (AJP)*. The NASA mission page discusses the exciting new (dwarf) planetary and Kuiper belt object science discoveries made by *New Horizons*, and the Wikipedia article describes both the mission and some of the interesting politics behind its origin. The A Capella Science final link video delivers a pop music video enumerating the instruments (of course).

• **IoP publication Physics Education (think UK's AAPT and The Physics Teacher) unveils new education hub**

<http://iopscience.iop.org/page/education>

Be the first to learn about special issues, noteworthy research, news, reviews and other exclusive content from *Physics Education* and *European Journal of Physics*. See especially Editor's Choice, Teaching Resources and News and Events, as free articles selected from the for-pay set of all.

• **Op-TEC offers no-charge online self-paced optics and photonics course for teachers**

<http://www.op-tec.org/faculty>

The currently open through May 2016 course covers the NSF-sponsored OP-TEC text *Fundamentals of Light and Lasers*, 2nd ed. (2013). Specific course topics include: Nature and Properties of Light, Optical Handling and Positioning, Light Sources and Laser Safety, Basic Geometrical Optics, Basic Physical Optics, and Principles of Lasers. Supplementary videos and tutorials are available for enrolled instructors. Finish online modules for laboratory follow-up opportunities, possible CEU or graduate credit. This is a very nice model for teacher and faculty professional development.

• **More popularized physics shorts: Physics Girl, Quarks and Candy plus Veritasium does a Coriolis experiment**

https://www.youtube.com/v/LraNu_78sCw
<http://www.smartereveryday.com/toiletswirl/>

Physics Girl does her thing using candy to describe Quark physics associated with a proton in her interesting video "What are Quarks? Sugar Edition. Smarter Every Day and Veritasium present a "synchronized" video experiment using kiddie pools to (probably) re-create Coriolis effect physics. Great videos to stimulate discourse by new physics students and professional physicists both.