

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.

• **An Adventure in Motorcycle Physics on iTunes University**

<https://itunes.apple.com/us/course/adventure-in-motorcycle-physics/id631413403>

This set of 24 items—short videos, worksheets, free-body diagrams, and real videos and animations annotated with diagrams—was originally developed by the *German Institut fur Zweiradsicherheit e. V. as The Complete Motorcyclist*. The course focuses on motorcycle riding basics from a technical point of view, and is a nice source of material for us motorcycle physics aficionados.

• **Frank McCulley's Simulated Environments at The Physics Aviary**

<http://www.thephysicsaviary.com>

Weisenfeld reports, "I've used Frank McCulley's simulated environments at the Physics Aviary in my AP Physics 1 classes. He has a growing assortment of great problems that can be used as homework or quizzes. He even has an assortment that can be used for AP Physics 1 Review. I also even tried using them to help train students to use Excel to set up their calculations in an organized way!"

Submitted by John Weisenfeld, Physics Teacher, Pasco High School

• **Chinese classroom physics teaching videos online**

<http://www.56.com/w46/album-aid-9130812.html>
<http://tinyurl.com/W5-Chinese2>

Forty-five-minute physics lesson videos (with critiques / commentary) from the "Eighth National High School Physics Teachers Youth Contest," and from the integrated high school physics teaching video collection, with links to many

other similar videos. These videos are in Chinese from start to end, but Google Chrome will translate the text annotations, the demos and figures are usually quite self-evident, and once the lesson hits the whiteboard, standard notation and mathematics make the physics quite clear. It is a lot of fun to see what is happening in (award-pursuing demonstration) Chinese physics classrooms.

Submitted by Weining Wu, Hubei University Physics

• **LEIFiPhysik by Ernst Leitner and Ulrich Finckh (The Google Chrome browser will translate for you)**

<http://www.leifiphysik.de/>

Two German physics teachers created a collection of curriculum resources (materials, tests, assignments, and reading material; 8,000+ pages and 18,000+ images and animation) for grade school (5-13) physics that has been recognized by the German Physical Society (DPG) amongst others. The collection is currently supported by the Joachim Herz Foundation. I particularly enjoyed the historical animated .gif collection.

Submitted by Florian Genz, Uni-Koeln

• **How U.S. Students Get a University Degree for Free in Germany Earning a university degree in Germany.**

<http://www.bbc.com/news/magazine-32821678>

This BBC news report expands upon a number of conversations I have been having with German university physics colleagues, describing the phenomenon of U.S. college students traveling to Germany to engage in tuition-free college degree study, including in technical programs taught in English. These students can finance their student lives much more cheaply than in the United States. Why can't we do this in the United States again? Something to consider when voting.