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Physica Junior!: The Newsletter of UTEP's Department of Physics

UTEP Department of Physics

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Physica Junior!



The Newsletter of UTEP's Department of Physics

Volume I

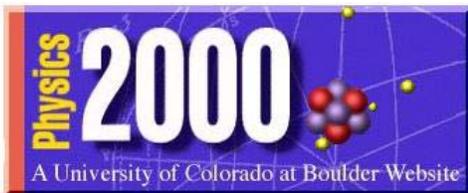
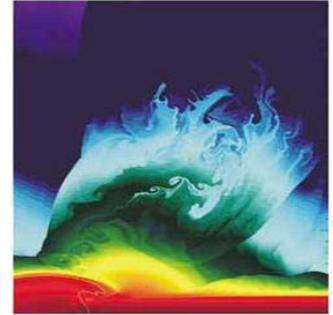
Fall 2002

Howdy again!

Physica Junior!

Hello again y'all. In this issue of *Physica Junior!* we are inviting you to learn physics by internet, we again have a free gift for your high school, have a mystery photograph, and our usual invitation to visit our famous Physics Circus, This -guys- is the world of **The Physics Department** at . Please do not make us miss you!

The photo shows a physics simulation produced by *Grid Computing*.



Learn Physics by internet!

Physics 2000, is an interactive journey through modern physics!

Have fun learning visually and conceptually about 20th Century science and high-tech devices. Using interactive demos, Physics 2000 relies heavily on the use of interactive "applets". These are different from the typical animations you see on the Internet because you can actually interact with them. It also uses cartoons to advance physics explanations.

Learn about Einstein's Legacy, The Atomic Lab, and Science Trek!

Use it! It is free! Find it at <http://www.colorado.edu/phvsics/2000/index.pl>

It pays to be a Physicist!

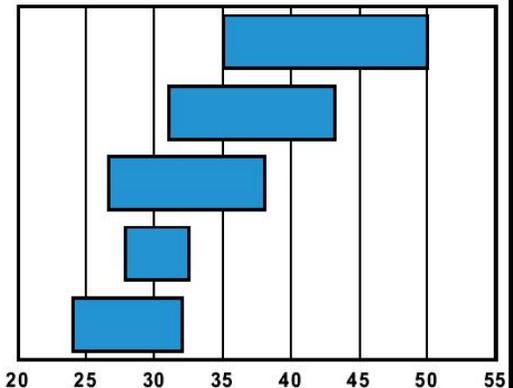
The chart show the typical starting salaries of physics bachelors in 1999 and 2000. These salaries compare favorably to those of engineers!

What are you waiting for?

Study Physics at  !

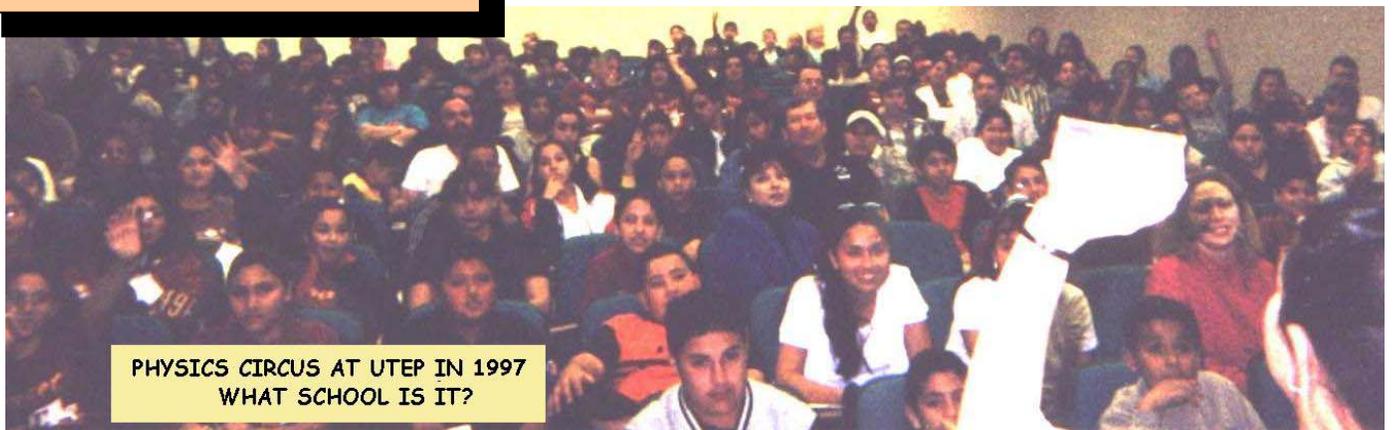
Employer

- Industry
- Civilian Government
- College or University
- High School
- Active Military



Salary in Thousands of Dollars

Remember when ?



PHYSICS CIRCUS AT UTEP IN 1997
WHAT SCHOOL IS IT?

The Physics Circus

In 1997 many high schools and middle schools came to UTEP for presentations. Can you recognize this particular group?

UTEP's Society of Physics Students (SPS) maintains a world-famous circus (here world means El Paso and neighboring counties). The presentation includes amazing demonstrations with all the fizz and bangs and without the math. If you want to invite the Circus to your high school please contact SPS president: **Mario Borunda** at (915)-747-5715 or by e-mail mborunda@utep.edu.



Free gift for your high school!

To see the past hundred years in the history of physics in a dramatic timeline wallchart "A Century of Physics", created by the American Physical Society, please ask your physics teacher to

Physica
Junior!

request a free copy from the editor of
by phone (915-747-5715) or e-mail (physics@utep.edu).

Physica

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Questions Wanted!

HOW LIKELY IS IT TO GET KILLED BY THE SNIPER?

Do You Take The Stairs Instead Of The Elevator?

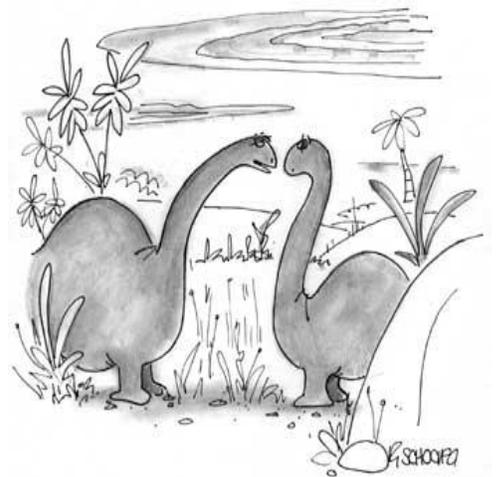
After all, people get killed when elevators fall. Oops, people also get killed tripping on the stairs.

In Washington, a local TV station offered advice on how to bob and weave while filling your gas tank, and some people drove miles out of town to fill up. Do they have any idea what the fatality rate is on our roads? Others just stayed home.

Maybe we should explain to people that you were as unlikely to be the sniper's target as you are to be struck by a falling tree.

From the American Physical Society Bob Park's "What's New"

Learn how to calculate, be a physicist!



There is a small hole in the ozone layer, nothing to worry about