



## TEACHER WORKSHOP For Science Teachers in Grades 6 – 12

### The Science Behind the Spin

*Help students understand how magnetically stored information on hard disc drives runs the digital world.*

When you send an email, log on to your favorite web site, get cash from an ATM machine, buy something online, record TV programs, store digital photos, or play a game on your X-Box, you create and use information. This information is stored on a hard disc drive. Drives are not just for computers any more! Soon they will be in cars and TVs.

Teachers can evaluate and help establish an interesting curriculum that will help students understand recording technology and how it applies to everyday life. This diverse field of data storage is grounded in math and science—with engineering, chemistry, physics, fluid mechanics, microelectronics, mechanics, aero dynamics, communications, circuit design and software representing a portion of the disciplines involved. In addition, you will be able to help students see the career possibilities in just one industry.



**Where:** Carnegie Science Center, Pittsburgh, PA

**When:** Friday, April 2, 2004

**Time:** 9:30 a.m. to 11 a.m.

**Contact:**

If you are interested, please RSVP by March 22, 2004. Either call the Science Fair office at 412-237-1534, or email [kosickl@csc.clpgh.org](mailto:kosickl@csc.clpgh.org).

**Sponsored by:** Seagate Research

**Continuing Education:** The workshop qualifies for 1.5 Act 48 credit hours.

