

FOR RELEASE:

IMMEDIATE

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YOUNGSTOWN, Ohio - Some perplexing new problems have been added to this year's ninth annual "Physics Olympics" at Youngstown State University.

On March 21, teams from 20 area high schools will be participating in the fun-and-learning contests, vying for some \$1,000 in prizes. Trophies will be awarded to the three teams who best the others in the nine events. In addition, individual event winners will receive medals or certificates.

Parents as well as teachers are welcome to attend, observe and cheer their student teams.

"Physics Olympics" is sponsored by the Department of Physics and Astronomy of YSU's College of Arts and Sciences for high school physics and science teams to promote interest in the sciences. Last year 200 students from 19 schools participated.

Dr. Stephen Hanzely of Poland, professor of physics and astronomy and coordinator of the "Olympics," said this year's "Quantum Leap-Frog" event, replacing the "House of Cards," requires teams to construct leaping "frogs" from paper and race them, all within a time limit.

In the revised "Egg Drop," teams will be given 50 sheets of paper which they must fashion--on the scene--into some type of cradle or container that will keep a raw egg from becoming a mess at the end of its drop from the top of Ward Beecher Hall.

Registration for "Physics Olympics" will begin at 8 a.m. March 21 in the main lobby of Beeghly Center on Spring Street, where most of the events will be held.

- MORE -

Add One - Physics Olympics

Awards will be presented between 2:30 and 3 p.m. in the Planetarium in Ward Beecher Hall.

Additional information may be obtained by contacting Dr. Stephen Hanzely at 742-7111.

Following is a list of participating high schools:

Boardman	Campbell Memorial
Canfield	Warren G. Harding
Maplewood	Mineral Ridge
Liberty	Springfield Local
Warren Western Reserve	Lakeview-Cortland
David Anderson-Lisbon	Chaney
Salem	Cardinal Mooney
LaBrae	Southeast Local
Ursuline	Woodrow Wilson
Warren JFK	Howland

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1. Egg Drop - 1 entry/team (Up to two members)
2. Fermi Question - 1 team (Up to 3 members)
3. Quiz Show - 1 team (Up to 3 members)
4. Flying Machine\* - 1 team entry - the same device must be used for both phases of this competition
5. Bridge Building - up to 3 entries/team; only the best score will count toward the team total
6. Quantum Leap-Frog\* - 1 team (4 members) (bring your own scissors!)
7. Mystery Problem - This event will consist of a MECHANICS experiment to be performed by a team of two (2) members. Specific instructions will be handed out at the time a team is scheduled to compete. (The use of calculators will be permitted but must be provided by participants.)
8. Mousetrap Racer\* - 1 entry/team
9. Ping-Pong Ball Launch - 1 team (1 official competitor but he/she may have up to two (2) assistants)

\* The scheduled time for these events overlap so please make sure you have different individuals involved.