

## Behrend teams up with Erie Window Glass Co. to develop device to measure thermal glass

Anyone who has ever had a thermal window break knows the inconvenience caused by having to remove the cracked pane and board up the gap while waiting for a replacement window. But now, with help from researchers at Behrend, Erie Window Glass Company has developed the world's first thermal glass measurer, which makes it

possible to order a new window while the old window is still in place.

"This device provides a totally new way to measure the thickness of insulated glass," explained Bob Marande, Ph.D., the Behrend assistant professor of physics who worked on the project. The research came about as the result of a grant from the

Ben Franklin Partnership of The Ben Franklin Technology Center of Central and Northern Pennsylvania, Inc., an economic development organization.

The glass measurer not only measures the thickness of thermal windows, but also the air space between the panes. The project uses the laws of physical optics, measuring the thickness by measuring the angle of the reflected light and infrared ray.

"This device will ultimately benefit the consumer in that it will lower both window replacement costs and glass manufacturing operating costs," added Ron Busse, president of Erie Window Glass Co., 4999 Pittsburgh Ave.

A mechanical prototype of the glass measurer has undergone extensive testing to make sure that it can provide accurate results under all conditions. Erie Window Glass, Inc., has applied for a U.S. patent on the insulated glass measurer.

## School offers workshops for college bound students

To help high school students and parents sort through the chaos of college life, Behrend is offering a series of self-help workshops during the next seven months addressing everything from sharpening study skills to adopting a wellness philosophy.

Behrend's Explorer's Post series will kick off Thursday evening, November 16, from 7:30 to 8:30, with an introduction and registration program in the College's Wintergreen Cafe. An \$8 annual registration fee for the program entitles students and parents to attend:

- A study skills session Dec. 7 which will explore the academic demands of college and ways to deal with those demands.

- An information workshop Jan. 11 on ways to meet college costs and anticipate admission requirements.

- A discussion Feb. 8 about living on college campuses and the common options available to students.

- An overview Jan. 25 of the process of selecting a major and planning for the career that is

right for you.

- An evening with Behrend student leaders Feb. 22 to discover the variety of activities and organizations available on college campuses.

- A sneak look behind the scenes March 8 at college athletics and how they can positively mix with academic demands.

- A March 22 panel on appreciating the ethnic and cultural diversity to be experienced in college.

- An April 5 session with the Behrend staff psychologist on the importance and variety of relationships developed while away at school.

- An April 19 workshop on developing a wellness philosophy and dealing creatively with the stresses of academic life.

- A May 3 end-of-the-year party that includes a look at life after college with Behrend alumni.

For more information on the Behrend Explorer's Post, call Pat Bailey at 898-6100.

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## Little sister fraternities banned at U. of Missouri

(CPS) - After hearing reports of "The problem of date rape the fourth rape of the semester, goes much further than University of Missouri at fraternities. We're just easy Columbia officials in mid-scapegoats," said Chris Wilson, November banned all "little sister" programs at campus president of Pi Kappa Phi.

"The press seems to be focusing on the greek system, but rape and alcohol abuse is a problem of society, not just more conducive for sexual abuse fraternities," added Jeff Garrett, or alcohol abuse to occur," said president of Missouri's Don Graham, Missouri's Interfraternity Council.

associate director of residential life. Banning little sisters won't change anything, said Wilson, whose fraternity does not have little sisters.

Fraternity members were charged in all four of the incidents. "Regardless of the ban, the basic party scene on campus will continue. (The ban) will have no major effects," Wilson said.

One victim is a little sister, and another had been invited to become a little sister. Three of the rapes occurred during or after fraternity parties.

Greek leaders say they are getting a bad rap. "The ban is just one part of a solution," said Cathy Scroggs, director of greek life at UMC. "It won't solve the problem, but it's a step," she said.

"The rapes weren't because of the little sister program. Guys would have been drunk anyway and would have done it regardless of a party or not," said Julie Andersohn, president of the Sigma Pi Little Sister program. Sixteen of the 35 fraternities on campus disbanded their Little Sister programs in 1987 when the National Interfraternity Council discouraged them.

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