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The University of Dayton

News Release

NOV. 14, 1990

Contact: Jim Feuer

WEATHERIZE YOUR HOME TO SAVE ON WINTER HEATING COSTS

DAYTON, Ohio -- It's time for people to "weatherize" their homes for the winter, says Henry Chuang, professor of mechanical and aerospace engineering at the University of Dayton and an expert on saving energy.

Proper insulation is essential, but it is not the only way to save energy and money. Among Chuang's other tips are:

- . Caulking: Caulk around windows, window sills and door sills.
- . Weatherstripping: Install weatherstripping around all doors and windows, including the fireplace door.
- . Plugging: Plug cracks and holes in interior walls wherever you can feel a draft on a windy day.
- . Storm windows: If you don't have storm windows or can't afford them, place plastic sheets the thickness of a newspaper over existing windows and install them with masking tape.
- . Fireplace: Seal tightly when not in use. When you use it, which should be infrequently because it is not energy efficient, leave the nearest window open slightly to supply the fresh air it needs to keep from producing smoke.
- . Front entrance: If you do not have a storm door at your front entrance but do have an interconnecting garage, enter your house through the garage to reduce air infiltration loss.
- . Air leaks: To check for air leaks around the house, wet your hand and place the back of it around the edges of windows and doors. The wet hand is sensitive to the slightest air movement and will feel colder where a draft enters the house through a crack.

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For media interviews, contact **Henry Chuang** at (513) 229-2997.