

B.P.A. grant boosts research program

By Lisa Millegan
Emerald Reporter

The University's School of Architecture can continue working on a new computer program regulating energy efficiency in buildings thanks to a \$114,398 grant secured from the Bonneville Power Administration last Tuesday.

Supported by Congressman Peter DeFazio, "Energy Scheming 1.0" is designed to incorporate energy efficiency into the earliest stages of building designs.

"Energy Scheming 1.0" distinguishes itself from other programs regulating energy efficiency by presenting information in graphic rather than numerical terms, said G. Z. Brown, head of the project. The program operates on the Apple Macintosh computer.

Marilyn Brown, a grant representative of B.P.A. said the graphic capabilities of "Energy Scheming 1.0" was the key factor in B.P.A.'s decision to award the grant. B.P.A., which serves Idaho, Washington, western Montana and Oregon, must encourage energy conservation, as mandated by federal law.

The power company has been paying for specific energy simulations of building designs in order to determine which designs save the most energy, but "Energy Scheming 1.0" is currently the only software the power administration is funding.

G. Z. Brown, a University professor and director of the U.S. Department of Energy's national Energy Efficient Industrialized Housing program, is working on the project with the help of a computer programmer and several graduate students.

"Buildings account for one-third of the energy use in the United States and 70 percent of all electrical power," Brown said. He said the U.S. Depart-

ment of Energy has identified buildings as having the single greatest potential for energy savings nationally.

"(Energy efficiency is also) important because there is a direct relationship between energy use and global warming," he added.

Joyce Deters, administrative assistant for the project, added that "any energy savings keeps us more reliant on ourselves and less reliant on foreign services." To back up her point, she cited facts from the newsletter of the Solar Information Center, *Solar Incidents*.

The United States could save 290 million barrels of oil (the amount the country imports from Kuwait and Iraq) annually by raising auto efficiency standards in the United States by 2.75 miles per gallon, according to the newsletter.

DeFazio, who was instrumental in helping the University attain the grant for "Energy Scheming 1.0," has other reasons for supporting the project, said aide Jeff Stier.

"The congressman is convinced that energy efficiency for prefabricated houses is a natural industry for Oregon. It makes sense as you see federal timber sales decline," Stier said.

Stier added that energy efficiency and conservation is doubly important now when American troops are fighting, in part, to preserve the nation's oil supply.

DeFazio is on record in support of a national energy policy, Stier said. Current energy policies supported by President Bush give no incentives for conservation.

Brown said he has been working on "Energy Scheming 1.0" for the past four years and hopes to have the program completed in 16 months. He plans to have the software distributed nationally and internationally.

Men Against Rape to meet Tonight

Pre-Dental Club will hold an information meeting tonight at 7 in EMU Century Room E.

Hawaii Club meets tonight at 7:30 in the EMU Gumwood Room.

EMU Board will hold budget hearings today for the Outdoor Program at 4 p.m. and Club Sports at 5 p.m. in EMU Cedar Room F.

Criminal law and related topics will be covered tonight from 7 to 9 at the People's Law School, in law school Room 129.

"Owls, Science and the Media" is the title of a lecture to be given by Dr. Jerry Medler of the political science department today at 3:30 p.m. in Room 908 PLC.

Golden Key National Honor Society will hold a reception for new members at 8 p.m. in Gerlinger Lounge. Member certificates and scholarships will be awarded.

"A Journey into Dreams ... Awakening the Inner Self" is the title of a workshop to be held tonight at 7:30 in Room 154 Straub.

Incidental Fee Committee will hear budgets for the following student groups tonight at 8:30 in the EMU Board Room: Pre-Dental Club, Men Against Rape, YMCA Big Brother/Big Sister, Westmoreland Community Tenants Call 346-3749 for more information.

The committee will hear requests from the Interfraternity Council, the Pre-Health Science Center, Project Saferide, Jell and the Panhellenic Council Thursday night at 6:30 in the EMU Oak Room.

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OSPIRG core group meeting will be held tonight at 6:45 in EMU Cedar Room B.

Men Against Rape meets tonight at 7 in EMU Suite 1.

APASU will hold a general meeting to discuss the KSA Valentine Dance tonight at 5 in Room 154 Straub.

AIESEC meets tonight. International speaker will follow the general meeting at 7 in Room 310 Gilbert.



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