

# Heart attack takes life of Poli Sci prof

By Mark Clausen

John Rue, an Oakland political science professor and China specialist, was found dead in his apartment Feb. 4 at the age of 52. An autopsy by the Oakland County Medical Examiner determined the cause of death to be cardiac arrest.

Rue was in his 10th year

as a professor at Oakland. He taught political science classes on foreign political systems, Sino-Soviet relations, Communism, and China.

Edward Heubel, chairman of the political science department, said "People who knew John Rue well described him as a 'sensitive, gentle man, a pacifist.' He was a devout Quaker, and I believe

that was a contributing factor in his deep interest in China. He wanted to decrease conflict by increasing world understanding. He dedicated his life to that."

John Rue was born to a farm family in Mapleton, Minnesota in April of 1924. He received his bachelor's degree in music from the University of Minnesota.

In 1945, Rue entered China to work in a Quaker hospital. He stayed on after the Nationalists were defeated and the Communist regime was established. He spent time in a Communist prison before returning to the States in 1951.

The time Rue spent in China had a profound influence on the course of his (continued on page 2)

## The Oakland Sail

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OAKLAND'S CUPIDS Susan Chapman and Alton Tresuant helped promote the Bookcenter's second annual Valentine's Day treasure hunt Thursday. Treasure hunters found 366 prizes including "Home of the Whopper" briefs like the pair Tresuant is modeling.

## Campus heat down

By Dave Ross

Lowering the thermostats to 65 degrees in most of Oakland's buildings may cause some temporary discomfort for students, but as step two in a three-part energy conservation program, it will help put the freeze on rising energy costs.

Oakland began its long-range energy conservation planning in 1971, years before the real energy crunch hit. With "quick-fix" meth-

ods like reduced building hours and building shut-downs during vacations, the university saved \$89,000 on its electric bill and \$185,000 on its gas bill in 1975, according to Oakland's mechanical engineer William Sharrard.

Having employed all the "quick-fix" methods available, the university resorted to step two of its program--lowering the thermostats. The cool-down will shave roughly \$2400 off Oakland (continued on page 2)

## New diagnostic aid

By Ed Martell

Surgery, for many Americans, is a necessary fact of life. Until recently, medical science was forced to resort to painful methods of investigation for diagnosis and confirmation of suspected biological malfunctions. While surgery may still be utilized as a corrective device in medicine, its diagnostic function is being replaced by a method

known as computerized tomography (CT).

Dr. Ab Liboff, chairman of Oakland's physics department, has worked on the development of CT which he says, "represents a reevaluation of how physics can be used in medicine."

The original concept involved in CT scanning was to crisscross the body with X-ray beams which projected images of body organs, bone and tissue on a screen behind (continued on page 2)

# Scanner assists in medical diagnosis

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hind the patient. A computer then translated the images into actual pictures.

Dr. Liboff went to General Electric two summers ago on a National Science Foundation grant to work on development of CT scanning.

Dr. Liboff and other scientists studied the feasibility of using ultra-sonic

signals in imaging biological organs, and through the course of two summers at GE, built a model scanner using ultra-sonic radiation.

One of the biggest advantages of using ultra-sonic radiation, according to Dr. Liboff, is the non-ionizing nature of the ultra-sonic signals themselves as compared to the recognized dangers of X-rays.

Ultra-sonic radiation will not involve the dangers of over-heating of body tis-

ues, like ionized X-ray radiation does. As for the dangers from the ultra-sound itself, Dr. Liboff says that so far there have been no observed physiological effects.

The scientists built a small ring that produces a matrix of ultra-sonic signals. The ring, Dr. Liboff said, will not only be safer for the patient, but cheaper as well. Currently CT units can run in the neighborhood of \$700,000 to \$1 million,

Liboff said, most of the cost being involved in the spherical mounting around which the unit circles the patient.

Cardiac difficulties can also be ascertained through the ultra-sound test, by imaging the heart and vascular system.

The device has some limitations, however, and cannot be used to effectively image the chest area due to the large amounts of air contained in the lungs.

This ultra-sonic scanner, Liboff said, is just one more advance in a market containing many such ultra-sonic imaging units. A patient has been secured and the device will be developed by the scientists at General Electric.

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## Heat cut saves energy

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land's fuel bill each month, Sharrard said.

Step three of the program will go into effect next month when Oakland's Delta 2000 machine will be brought up to its full working potential. It will take control of approximately 1,000 horse power of motors in fans, pumps and other pieces of equipment on campus. Sharrard projects the new system will save another \$80,000 on the combined yearly gas-electric bills.

The new system will allow Delta 2000 to be programed

to shut off unneeded electric motors during peak times, the time utilities base their rates on, and turn the motors back on when needed. Oakland's energy system bears its maximum load from 2 to 3 p.m. Tuesday through Thursday.

"We have to start saving energy now. Every year down the line, energy costs are going to be higher," Sharrard said.

"If we find something that works, its going to save us more and more money each year."

## Views on O'Dowd sought

In accordance with a policy adopted on Jan. 19, 1974, the Board of Trustees is required to review the OU president's accomplishments every five years. The Board of Trustees has appointed Trustees Marvin L. Katke, Richard H. Headlee and Ken Morris to a committee to conduct the presidential review and report their findings to the Board.

In order to carry out its responsibilities, the committee is interested in receiving individual opinions regarding the presidency of Donald D. O'Dowd. Members of the university community are invited to address signed communications regarding the president's performance to: Board of Trustees, Presidential Review Committee, Room 101 E, North Foundation Hall. All communications will be held in confidence by the committee.

The committee will be on campus Feb. 17 from 2 p.m. to 5 p.m. If any member of the university community wishes to meet personally with the committee, an appointment must be made with the Office of the Secretary to the Board of Trustees. Please call 377-3110 to arrange for an appointment.

## Ball planning begins

The Meadow Brook Ball is once again in the planning stages. The ball is scheduled for March 26, from 8:30 p.m. to 1 a.m.

Anyone interested in planning this year's ball may contact Debbie Alba at 377-2887 or Carol Currie at 377-2885.

There will be a general meeting Feb. 14 at 7 p.m. in the 3rd floor lounge, Vandenberg Hall.

## Rue--

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life. He was greatly impressed with the Chinese people and their way of life: their language, customs, culture, and politics.

He returned to the University of Minnesota and zealously pursued his graduate degrees in political science specializing in the Chinese political and social systems. According to Heubel, Rue's doctoral dissertation was an ambitious paper on Mao which eventually led to a book entitled "Mao in Opposition, 1927-35."

Before coming to Oakland, Rue taught at Stanford, San Fernando Valley College, and Reed College in Oregon. He was granted a full professorship at Oakland in 1969.

A memorial service was held for Rue Feb. 6. He is survived by his former wife and his son David, 16 who now reside in California, and daughter Rachel, 19, a student at Swarthmore College.

## Writers form club

An organizational meeting for the formation of an OU journalism club will be held Feb. 16 at 12 noon in the Oakland Sail office, 36 O.C.

Ken Muir is serving as chairman at the meeting. All students are invited.



## Oakland Dance Theatre: Choreography, mime and modern dance

By Dave Ross

To expose Oakland students to a wide variety of dance styles and allow its members an opportunity to diversify, Oakland Dance Theatre will perform a wide selection of dances including pieces choreographed by Oakland ballet master Jacob Lascu, Barn Theatre Director Tom Aston and several Dance Theatre members.

Lascu has choreographed an exciting piece of modern dance for the recital. Never before has he had the opportunity to break from his traditional mold as a ballet instructor.

Aston has brought his skill in drama and mime to the art of dance in a piece for the recital and Dance Theatre members will give their own modern style and flavor to pieces they have choreographed themselves.

Oakland Dance Theatre will perform 8 p.m. performances Feb. 24 through 26 in Varner Recital Hall and a 3:30 p.m. performance Feb. 26. A \$2 admission fee will be charged for students and \$2 for general admission.



**OAKLAND DANCE STUDENTS** will perform pieces choreographed by members of Oakland's Dance Theatre in their Feb. 24-26 recital. From top-left and clockwise: members of Oakland Dance Theatre, Beth Taylor and Mick Fair, Beth Taylor, Lee Seaton, Jill Johnson, Jill Johnson and Adrian Manigault.



**FEBRUARY 24, 25, 26 8:00 P.M.**

**MATINEE SATURDAY, FEBRUARY 26 3:30 p.m.**

**OAKLAND UNIVERSITY  
VARNER RECITAL HALL**

**\$3.00 General Admission**

**\$2.00 Student**

**Tickets Available At The Door Or At O.U. Ticket Office  
Call 377-3190 For Information**

**OAKLAND DANCE THEATER  
IN CONCERT**