

ALUMNA TO SHOW PAINTINGS AT UNIVERSITY ART GALLERY

The University of Winnipeg Alumni Association presents the recent paintings of Doris Hunt (B.A.'29) from May 15 to 19 in Gallery 1C03.

Hunt has developed as an artist and art educator since her graduation from Wesley College, but her most creative period began after her retirement from teaching Art and French at Daniel McIntyre Collegiate in 1968.

The last six years have been particularly productive and rewarding for her.

Summers at Clear Lake and visits to friends at Sioux Narrows have provided material for her latest sketches and paintings. She has adopted pen-and-ink and watercolour pencils for outdoor sketching but prefers gouache for studio painting.

Hunt's work has been included in Manitoba Society of Artists jury and members shows, a CKRC Radio jury show, in Lincoln Park Gallery, at the Winnipeg Art Gallery senior artists' show and the Wasagaming Summer Arts exhibits. She has conducted and participated in workshops at Wasagaming Summer Arts in Riding Mountain National Park.

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UNIVERSITY CLOSES RESIDENCES AHEAD OF SCHEDULE

Student residences on The University of Winnipeg campus will permanently close on Aug. 20, two years ahead of the date originally set in the University's phase-out plan for the rooms.

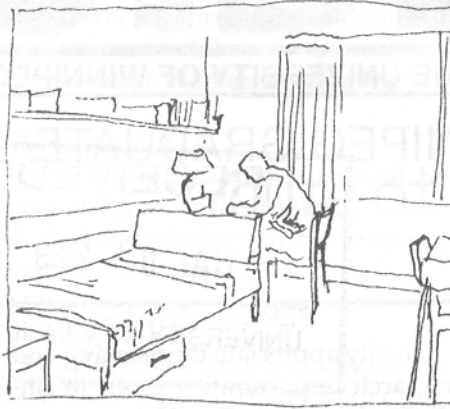
The move was made after the University learned that changes in the City of Winnipeg fire code regulations would require an expenditure of \$30,000 to upgrade the alarm system in the residence buildings, explained Steve Coppinger, Executive Director of Support Services.

Coppinger added that the unanticipated need for some new office space this fall also played a role in the Board of Regents' decision to accelerate the phase-out process. After Aug. 20, the 52 residence spaces in Graham and Sparling Halls will gradually be converted into office space and seminar rooms, which don't need to conform to the same fire code regulations.

Right now, no new students are being accepted into the residences and those currently living in residence will be allowed to stay only until the end of the 1989 Spring/Summer session.

The University's original intention, as outlined in the institution's *Ten-Year Plan*, was to phase-out the 120 residence spaces in two stages. Initially, the number of spaces was cut in half, with the long-term goal of fully eliminating them by the end of the 1990 - 91 academic year.

According to Coppinger, the decision to phase-out residences was made because 120 spaces was "barely meeting the need" of the 7,500 full and part-time students on campus. "We were providing subsidized housing for less than two per cent of the student population and the University



was losing money at the same time," he said. The University's review also pointed to higher priority uses for the space such as new classrooms for the Writing Program, expansion of Computer Services offices, and development of faculty and administrative offices.

Coppinger believes that students will be able to find alternatives to residences. He said that right now there doesn't appear to be a shortage of apartments and rooming houses near campus and the University of Winnipeg Students' Association (U.W.S.A.) has a computerized registry to assist students in finding housing.

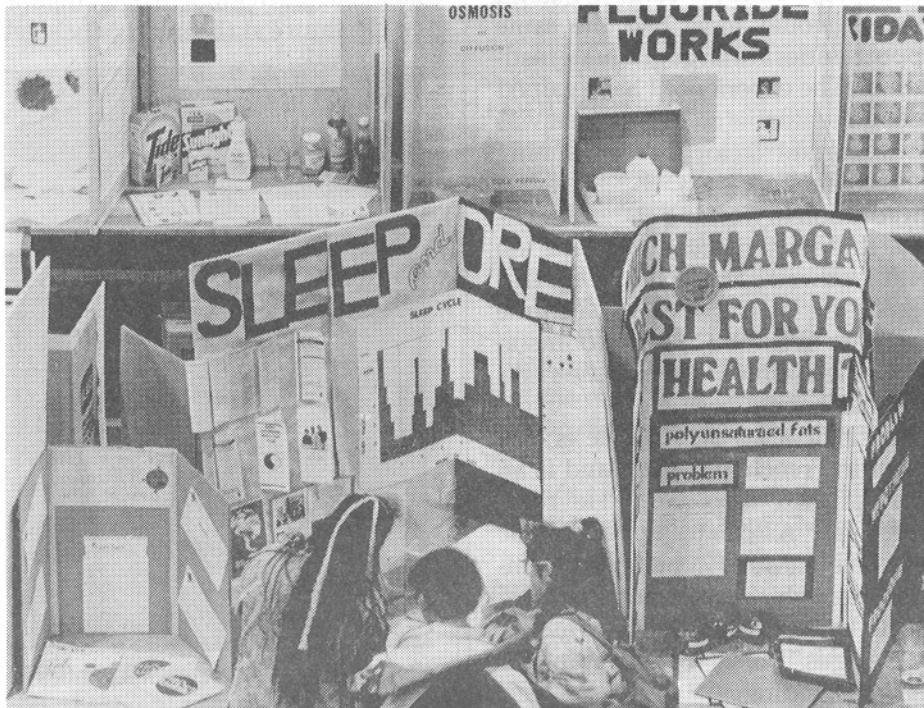
WANTED: CULTURAL AMBASSADORS

The University of Winnipeg English Immersion Program requires families to host students from Quebec who are coming here to learn English as a second language. All variations of families are welcome to participate in this exciting program, May 23 to June 30.

Host families are an important factor in the immersion student's success in learning English and becoming acquainted with the culture of Western Canada.

Host families are asked to provide a bed and desk as well as weekend meals and breakfast for one or two students. Students have lunch and their evening meal at the University where they attend classes and cultural workshops between 9 a.m. and 8 p.m. most days. Families are also asked to share their weekend activities with the students, who are 17 - 23 years old.

The remuneration for host families is \$275 per student. For further information, please call Alexis Marjerison at 786-9153.



Students displayed their projects at the Manitoba Schools Science Symposium held at The University of Winnipeg, Apr. 28 - 30.



"Education is a peculiar process. You aim at one thing and hit another." -

Stephen Leacock

BIOLOGIST CLAMMERING FOR SAFE LEVELS OF HEAVY METALS

Biology Professor Judith Huebner doesn't exactly clam up when you ask her about the research that she has been doing for the last five years. Huebner has been studying the effect of heavy metals, such as aluminum and cadmium, and acid rain on freshwater clams. Her work will help the federal government to establish guidelines for safe levels of these substances.

Huebner has been collaborating with a member of the Freshwater Institute on research which integrates both field data and lab work. Their initial studies were with aluminum and acid, but now, because the government's mandate is changing, they're focusing on cadmium.

The field work is being done at the Experimental Lakes Area in the Lake of the Woods region. "It's an area where there's a series of literally hundreds of lakes that are on granite bedrock, so they can be isolated from one another with no chance of contamination to other lakes," Huebner explains. She says that the lakes can be used as natural test tubes because "you can put things into them and know that it won't hurt the environment."

Two different studies have been done with acid and aluminum. In one, aluminum was added to a lake which had already been acidified. The other looked at the long range effects of acidification.

"We found that there are detrimental changes in the balance of salts in the blood of the clams when they are exposed to acid and/or aluminum,"

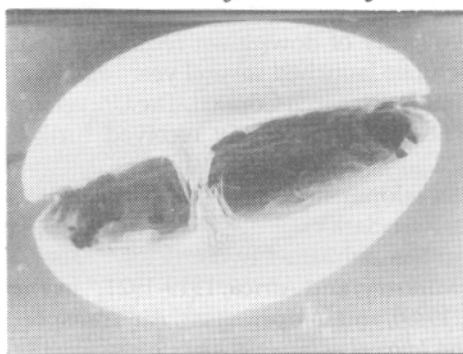
she says. According to Huebner, the combination is one of the worst. "Aluminum is a metal which is normally around in the environment, but is usually inactive. It's activated when conditions get acidic," she says.

Cadmium, on the other hand, is toxic whether it is acidic or not. For the last two years Huebner has been working on a study which involves adding low levels of cadmium to a lake. "We haven't found any particular detrimental effects on the clams, but we do find that they're accumulating it [cadmium]," she says. When the five-year study is finished, it will be possible to see the cumulative, chronic effect of such cadmium additions. Already, Huebner has noticed damage to the cilia of the gills, which are used for feeding and breathing.

While she was on sabbatical last year, Huebner, along with a Finnish colleague, studied the larvae of clams. "We found that acids, aluminum, cadmium, and combinations thereof have serious effects on the mortality of the larvae," she says. "One of the things we think is happening is that the adults can accumulate the heavy metals - not the acid though - but the larvae can't." This could mean a depletion of the clam population in the future.

But if Huebner's work has the desired effect on government policy, safe guidelines will protect, among other things, the cilia of their gills, and clams everywhere will be able to breathe easier.

by Marnie Hay



Biologist Judith Huebner is studying freshwater clams - adult (left) and larva,

ATCHISON AND ROGERS AWARDS: CALL FOR NOMINATIONS

Do you know someone in the University who is a distinguished researcher or a dedicated volunteer in the community? Take the time now to nominate him/her for either the Rogers Award or the Atchison Award. Nominations must be submitted by Fri., Sept. 8.

The Erica and Arnold Rogers Award recognizes a faculty member who demonstrates excellence in his/her research work.

The committee will consider the following criteria:

- national or international reputation of the researcher
- published research record
- recognized excellence in the research community, exemplified by external grants, office in professional associations, invitation to serve on editorial boards and international conference participation.

Nomination forms are available from the Office of the Vice-President (Academic). The nominee must supply any supporting material such as a curriculum vitae, reprints, reviews of work by the researcher and research council evaluations.

Nominations and supporting material must be submitted to Herb Mays, Director of Research Administration, Office of the Vice-President (Academic).

The Clarence Atchison Award recognizes the faculty or staff member who best demonstrates excellence in performing the community service function of the University.

The following points will be considered:

- impact of service
- extent of involvement (i.e. time, effort, skills/abilities)
- internal committee work and work for which remuneration is received will *not* be considered for the purposes of the award.

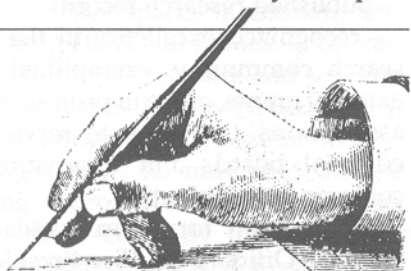
Nomination forms are available from the University Relations Office, Room 4W16, and should be submitted to Joan Anderson, Director of Public Relations.

CONVOCATION BULLETIN

Faculty and staff of The University of Winnipeg are invited to submit news items for the "Campus News/Campus People" section of the *Convocation Bulletin*. A paragraph or two noting any of your recent awards, publications, presentations, research projects or appointments would be welcome.

We would also like to highlight outstanding students who are graduating from the University this spring. If you know of a student who would make an interesting feature story, please let us know.

The *Convocation Bulletin* will be distributed at the graduation ceremonies on June 4. All submissions must be received by the Editor, Lois Cherney (Room 4W16), before May 12, 4 p.m.



"Curiosity is the very basis of education, and if you tell me that curiosity killed the cat, I say only that the cat died nobly." -
Arnold Edinborough

CAMPUS NOTEBOOK

- **Wesley Stevens**, History Department, has been invited to speak at the "Sutton Hoo: Voyage to the Other World" conference May 8 - 10. This interdisciplinary conference, sponsored by the University of Minnesota, is being held in celebration of the discovery 50 years ago of a complete burial mound in England from the seventh century. Stevens' topic at the conference will be "Sidereal Time in Anglo-Saxon England" (A.D. 450 to about 1,000).

- **Christopher Leo**, Political Science Department, along with **Robert Fenton** of the Economics Department as secondary author, have had the paper "'Mediated enforcement' and the evolution of the state: development corporations in Canadian city centres" accepted for publication by the *International Journal of Urban and Regional Research*.

This article is a product of a comparative study of downtown redevelopment politics in a number of Canadian cities which Leo launched several years ago with support from the Social Sciences and Humanities Research Council, The University of Winnipeg and the Institute of Urban Studies. The study received further S.S.H.R.C. funding this year.

In March, Leo presented a paper on urban development corporations, also written with Fenton, to the American Urban Affairs Association.

- **Robert McCormack**, History Department, has published two articles, "Missed Opportunities: Winston Churchill, the Air Ministry, and Africa, 1919-1921," in *The International History Review*, XI (No. 2, May, 1989), and "Imperialism, Air Transport and Development: Kenya, 1920-1946" in the *Journal of Imperial and Commonwealth History*, XVII (No. 2, May, 1989).

COMING EVENTS

SAT., MAY 13

- The University of Winnipeg's Alumni Association will be holding its **Reunion/Annual Meeting Dinner** 6 to 10 p.m. in Riddell Hall. Reception/art exhibition from 6 to 7 p.m. Entertainment at the dinner will provided by the Easy T's. Tickets for the evening are \$19/person and may be purchased through the Office of Alumni Affairs, Room 4W16, 786-9872.

MON., MAY 15 - FRI., MAY 19

-The University of Winnipeg Alumni Association presents an exhibition of recent paintings by **Doris Hunt** from 1 to 5 p.m. each day in Gallery 1C03.

WED., MAY 24

- A **Retirement Reception** will be held from 2:30 to 4 p.m. in Riddell Hall Cafeteria to honour those retiring from the University this year. Presentations will be at 3 p.m. Those being honoured are **W. Crawford Campbell**, Mathematics, **John Friesen**, Admissions, **Jack Silver**, Collegiate, **Gordon Stewart**, Physical Plant, and **John VanderStoel**, Continuing Education.

FRI., MAY 26 - SAT., MAY 27

- **Winning Women Conference 1989**. For further information, please call the Manitoba Advisory Council on the Status of Women at 489-4398.

SUN., JUNE 4

- **1989 Spring Convocation** will be held at 3 p.m. in the Athletic Centre. An honorary degree will be conferred upon **Dr. Arnold Rogers**.

THURS., JUNE 8

-The **Interfaith Pastoral Institute** will be holding its **Annual Meeting** at 6 p.m. in the Riddell Hall Dining Room. Guest speaker **Peggy Way** will address the topic "Violence in the Human Family: A Theological Perspective." For more information, please call 786-9251.

FRI., JUNE 9

- **Peggy Way** will be holding a workshop on "Violence in the Human Family: A Theological Perspective" from 9 a.m. to 4 p.m. at the United Church of Meadowood, 1111 Dakota St. Fee: \$45/person (before May 22); \$55/person (after May 22). Please call the Interfaith Pastoral Institute at 786-9251 for more information.

TUES., JUNE 27

- **The Farquhar Farewell Party** will be held 3 to 6 p.m. in Riddell Hall Cafeteria. For more information, please call 786-9174.

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Comments, suggestions and submissions are welcome. (All material is subject to editing.) The copy deadline for the next *In Edition*, which is the last regular issue for this academic year, is May 11.