



International scientists attend seal symposium

More than 130 internationally renowned scientists from fifteen countries are on campus this week to present papers at the first international symposium on the Biology of the Seal.

The technical papers cover all phases of research on seals, including evolution, zoogeography, anatomy, social behavior, vocalization, navigation, population dynamics, management, ecology, migration, temperature regulation, reproduction and diving mechanisms.

Activities also include films and exhibits from several countries, on display in the foyer of the Physical Science building.

Professor Keith Ronald, Dean of the College of Biological Science and convenor of the meeting, feels that the symposium will generate much interest within the entire scientific community because marine mammals are a good indicator of the ecological state of the oceans. Man's eventual habitation of the oceans could depend on the extent to which he can understand and imitate the adaptation mechanisms of marine mammals.



Opening speaker, V. B. Scheffer, consultant to the US National Marine Fisheries Service, chats with Ian McLaren of Dalhousie University in the upper picture. In the middle picture, W. Cieglewicz, Poland, president of the International Council for the Exploration of the Sea, speaks with John Rogers, International Fisheries, Canada Department of the Environment. Professor Keith Ronald, convenor of the symposium, is shown in the bottom picture extreme left with Dr. L. Popov, and his translator, Mr. Simbysojov, VNIRO, Moscow, Mr. Cieglewicz and Dr. L. R. Day, executive secretary, International Commission for the Northwest Atlantic Fisheries.

'A place to share ideas'

Guelph students help organize women's house

Clustered around a grimy car engine, a dozen or so female faces mirrored intense concentration as they confronted the subtleties of spark plugs, valves and distributors. Meanwhile, groups of children played in the sand box, with a plethora of begged and borrowed toys, boxes and kitchen implements. An old apple tree, with its tire swing, proved more fascinating to the older children. Several women attacked the weeds between rows of cabbage, carrots, beets, onions and beans in the garden.

It was a fairly typical evening at the slightly ramshackle house at 63 King Street, site of the Guelph Women's Centre. Funded by a \$16,000 Opportunities for Youth grant, the Centre is run by 14 women, nine of them students at the University. To avoid distinctions between women on the grant and those not on the grant, the group prefers not to name individuals. Their decisions are all reached by a majority vote; they have no elected leaders.

The Centre is a place where women can "come together to share ideas, experiences and skills, seek advice and counsel and simply relax." Structured activities like classes are a regular part of the schedule, but all women are welcome to come anytime when the Centre is open, six days a week.

All activities at the Centre are free, with child care provided. In addition to the auto mechanics course, which draws about 35 women to two weekly classes, there are classes in crafts, art, self defense, small appliances and video tape techniques. Discussion groups will soon start meeting regularly to wrestle with such topics as women in history. Invited



Children find playmates on old tire.



Finding out what makes the wheels go round.

speakers and films round out the schedule. The women also offer an information and referral service on legal problems, birth control, abortion and marital problems.

Almost every evening sees a spontaneous, lively session around the kitchen table, amid a "comfortable clutter" of children's toys, baby bottles, dishes, pans and books. And the posters literally cover the walls: "Women are not chicks," "Sisterhood is blooming," "Springtime will never be the same." The library, with its collections of

women's lib newspapers and feminist books is another popular gathering place.

An open, friendly atmosphere prevails -- an atmosphere which welcomes all women and challenges them to look at themselves and each other in an honest, straightforward manner.

The Centre is open from 10 a.m. to 10 p.m. on Tuesdays, Thursdays and Saturdays. It is also open from 1 to 10 p.m. on Wednesdays, Fridays and Sundays. The Centre is closed on Mondays.

Library hours

AUGUST 5 - SEPTEMBER 10

McLaughlin Library

Monday -- Friday 8:00 a.m. 9:00 p.m.
Saturday 9:00 a.m. -- 9:00 p.m.
Sunday 1:00 p.m. - 9:00 a.m.

Full Reference Service, Monday -- Friday only, 8:30 a.m. -- 5:00 p.m.

OVC Branch Library

Monday -- Thursday 8:30 a.m. -- 9:00 p.m.
Friday 8:30 a.m. - 5:00 p.m.
Saturday 1:00 p.m. - 5:00 p.m.
Sunday 1:00 p.m. -- 5:00 p.m.

Holiday Hours

Labour Day

Monday, September 4

McLaughlin 1:00 p.m. -- 9:00 p.m.
OVC Branch CLOSED

Regular hours resume on Monday, September 11.

RESEARCH GRANT CALL

(for further information see *Departmental Chairmen*)

1. Ontario Heart Foundation, grants-in-aid of research 1973-74, available to qualified investigators in the field of cardiovascular research. Closing date October 1.

2. NRC Conference Grants 1973-74 for support of scientific conferences and symposia. Provides funds for invited speakers. Application date November 15 for consideration in March 1973. (Note: the October/November competition has been discontinued).

3. Ontario Department of Health -- Public Health Research Grant. Projects must show a relationship to many aspects of public health. Closing date for submissions October 15.

4. Canadian Heart Foundation Research Awards. Support of Research and Senior Research Fellows engaged in cardiovascular research. Applications required by October 1 to become tenable July 1 of the next year.

5. Commonwealth Visiting Fellowship 1973-74. The Visiting Fellow will have the opportunity of discussing educational matters with University colleagues. Nomination date October 1, 1972.

6. Commonwealth University Interchange System Travel grants are available to facilitate visits between universities in different parts of the Commonwealth. Applications must be forwarded through the Office of Research to be in London by December 15, 1972.

Articles for disposal

The University has various surplus articles for disposal from time to time. This week there are eight kitchen chairs, two lounge chairs, and one Frigidaire stove all in fair condition.

Tenders must be submitted in writing and received prior to August 25 to D. Husson, Trent building, University of Guelph. Reserve bid applies.



OAC Dean C. M. Switzer, seated extreme right, is shown with the agricultural geographers during their one day visit to the Guelph campus. The scientists were meeting at McMaster University during the Agricultural Typology Commission conference.

Agricultural geographers visit campus

Agricultural geographers from 20 countries, including Russia, Germany, Denmark, Italy, Brazil, Kenya, Nigeria, U.S.A. and Canada, visited the campus for one day as part of the Agricultural Typology Commission meeting held at McMaster University.

Professor Jerzy Kostrowicki of the Polish Academy of Science, Chairman of the Commission, which is part of the International Geographical Union, gave the keynote paper at the opening of the week long meeting.

The Guelph visit, which was jointly planned

by the Dean's Office, OAC, and the Department of Geography, College of Social Science, included an introductory session on the campus, a visit to the Research Stations at Elora and Hespeler to view projects in soil science, agrometeorology and plant science, and a tour of the Mennonite farms in the Elmira district.

Professor A. M. Fuller, Department of Geography, and Professor D. W. Hoffman, Department of Land Resource Science, assisted with the visitors.

PERSONALS

FOR SALE

Man's 10 speed bicycle with many extras, Ext. 3318; 12 h.p. outboard motor, 824-1350; T.V. consul 21" b & w, kitchen table and chairs, portable sewing machine, 821-6974; Roll-away bed, Ext. 3864 or 821-9552; Portable T.V. Zenith, 823-2545; Underwood electric (Scriptor) typewriter, guaranteed, 822-7910; '60 Buick, Ext. 2460 or 823-2869;

Golden retriever pups, registered, Ext. 3065 or 824-1888; New Sony microphone, 822-1354; Ovenette, kitchen chairs, desk chair, lamps, shades, chesterfield, dishes, 824-8492; 1969 Toyota Corolla good condition. Lynn 821-3277, 5 p.m. — 6:30 p.m.

HOUSING

For Rent: Three bedroom in 4-plex, balcony, garage, September 1, Ext. 2239; 3 bedroom, unfurnished house in Elora from September 1, 1972 to July 1, 1973, Ext. 2502; Executive apartment, fully equipped and furnished, adults only, 822-7721; 2 bedroom unfurnished apartment available September 1, pets welcome, Ext. 3719 or 821-6185; 2 bedroom cottage near Tobermory, August 19 To September 2, Ext. 2620 or 822-2582; 2 bedroom home, furnished Available January 1 for 4 to 6 months, Mrs. Bartlett, 11 Paul Ave; 2 bedroom bungalow, near campus, Phone 822-9362 after 5:30 p.m.
For Sublet: 1 bedroom apartment Eramosa and Stevenson Sts., 823-1045; Large 1 bedroom furnished apartment September to April, Ext. 3637. Wanted: House in the country, Ext. 3473.

WANTED

Girls bicycle, 822-7904; leaves 45" wide for oak table, 822-3822.

MISCELLANEOUS

Ride wanted from downtown Kitchener to University and back daily, regular hours, from September 14, Linda at Ext. 3891 or 821-2418.

Campus job opportunities

New Listings as of August 11, 1972

Technician II, Clinical Studies, OVC. Two required. Salary range: \$111.17 — \$161.28.

Technician II, Nutrition. Salary range: \$111.17 — \$161.28.

Library Assistant, Library. Salary range: \$67.53 — \$102.25.

Clerk, Scientific Systems, ICS. Salary range: \$70.13 — \$99.66.

Technician II, Grant, Pathology, OVC. Salary range: \$111.17 — \$161.28.

Typist, temporary full-time, Physics Department. Salary range: \$67.53 — \$83.92.

For further information on the above positions refer to the University Bulletin Boards.

FACULTY ACTIVITIES

Professor J. C. Flinn, Agricultural Economics and Extension Education, presented a paper on the Tucson Interbasin Water Project at the Western Agricultural Economics Meetings in Logan, Utah. The paper resulted from the research which Professor Flinn conducted at the University of Arizona last winter.

Professor J. H. Clark, and **Professor T. K. Warley**, Agricultural Economics and Extension Education, attended the Canadian Agricultural Economics Society workshop meeting in Brandon, Manitoba. Professor Clark was chairman of one of the workshop discussion groups and Professor Warley delivered the closing address and served as a member of the steering committee.

Professor J. R. Long, Veterinary Microbiology and Immunology, attended a one week course in medical mycology held at the Skin and Cancer Hospital, Temple University, Philadelphia.



Two University of Guelph scientists have received a grant from the Nursery Sod Growers' Association to continue their turf research. Professor R. W. Sheard, Land Resource Science, is shown receiving a cheque in the amount of \$6,000 from Harry A. Dawson, representing the Association. Professor J. L. Eggens, Horticultural Science, who works with Professor Sheard on the project, was unable to be present for the photograph.

Russian olive

Olive trees growing in Guelph? Well ... almost. The Russian olive, *Elaeagnus angustifolia*, isn't really an olive, but its small gray-green fruits (visible in August and September) resemble the real thing. Even its aroma conjures up images of olive orchards on the Mediterranean.

Distinctive gray foliage endears this small tree to home gardeners. Its brown shredding bark and crooked trunk add interest throughout the winter months.

NEXT WEEK AT GUELPH

THURSDAY, AUGUST 17

T.V. — SPOTLIGHT ON UNIVERSITY OF GUELPH, Cable 8 at 2 and 5:30 p.m.
Exhibit — A COLLECTION OF SMALL CARVINGS, toys and drawings of bears, on loan from Professor Phyllis Lueck, Department of Family Studies, in the Arts building showcases until September 6.

FRIDAY, AUGUST 18

Worship — MUSLIM JUMA PRAYER, 1 p.m., Room 315, Arts.
T.V. — SPOTLIGHT ON UNIVERSITY OF GUELPH, Cable 8 at 7 p.m.

SUNDAY, AUGUST 20

Worship -- MUSLIM ZUHR PRAYER. 1 p.m., 9th floor lounge, Arts.

MONDAY, AUGUST 21

Conference — ANNUAL COLLEGES OF AGRICULTURAL TECHNOLOGY FACULTY. Continues to August 23.
Meeting — MEAT RESEARCH WORKERS, Physical Science building, Contact: Dr. R. Osborne, Animal and Poultry Science.

WEDNESDAY, AUGUST 23

Seminar — POULTRY RESEARCH IN NEW ZEALAND, by Dr. M. R. Patchell, Director, Poultry Research Centre, Massey University, Palmerston North, New Zealand. 3 p.m. Room 141, Animal and Poultry Science.

PUBLICATIONS

Pearson, C. J., and L. A. Hunt, 1972. Studies on the daily course of carbon exchange in alfalfa plants. *Can. J. Bot.* 50: 1377-1384. (Cf-tp Science)

Zisa, Charles A. The Language Sciences Community as Users of LINCS: A Synopsis. LINC'S Project Document. Center for Applied Linguistics, Washington, D.C. (Languages)

Biggs, D. A., 1972. Precision and accuracy of infrared milk analysis. *J. Assoc. Off. Agric. Chem.* 55: 488-497. (Food Science Department)

Mertens, W. G., and J. M. deMan, 1972. Automatic melting point determination of fats. *J. Amer. Oil Chem. Soc.* 49: 366-370. (Food Science Department)

Cho, C. Y., and H. S. Bayley, 1971. Amino acid composition of digesta taken from swine receiving diets containing soybean or rapeseed meals as sole source of protein. *Can. J. Physiol. Pharmacol.* 50, 513-522. (Nutrition)

Wilton, J. W., and T. R. Batra, 1972. Variance of gain of beef bulls in central stations. *J. of An. Sci.* 34: 538. (Animal and Poultry Science)

Burnside, E. B., T. R. Batra, G. K. Macleod and D. G. Grieve, 1972. Genotype-environment interaction in calf production. I. Growth traits. *J. of Ani. Sci.* 35: 317. (Animal and Poultry Science)

Geissinger, H. D. and Hans Kamler, 1972.

Precise and fast correlation of light microscopic and scanning electron microscope images. *Canadian Research and Development* 5(4): 13-16 and 20. (Biomedical Sciences and Mechanical Engineering, University of Waterloo)

Yearbook available

The 1972 edition of the Commonwealth Universities Yearbook, published by the Association of Commonwealth Universities is now available. Distribution in Canada is handled through the AUCC. For further information, interested faculty members may call the Department of Information.



Delegates from the U.S.S.R., the U.S.A., and the Netherlands take a break during a symposium held at the University of Guelph August 7 to 11 by committees of the International Association for Hydraulic Research and the International Society of Soil Science. From left are Dr. D. E. Elrick of the Department of Land Resource Science, chairman of the organizing committee for the symposium, Dr. B. P. Warkentin of McGill University's Macdonald College, V. N. Shchelkachev of Russia, Dr. J. P. Heller of the United States, O. V. Makeev of Russia and G. H. Bolt of the Netherlands.

The News Bulletin is published every Thursday by the University of Guelph's Department of Information. News items must reach the Information Office, Room 361, McLaughlin Library (Ext. 3863) by noon Friday. Articles and news items may be quoted or reproduced in full.



D. Nightingale,
243 Speedvale Ave. E.,
Guelph, Ontario.