

# guelph



## UNIVERSITY NEWS BULLETIN

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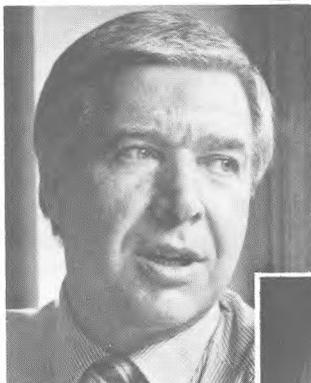
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# Guelph to honor six at Convocation

The University will honor six individuals for their contributions to the worlds of letters and science and will name two faculty members Professor Emeritus during Convocation ceremonies, May 29 to June 1.

Chinua Achebe, internationally acclaimed writer from Nigeria, will be awarded an honorary Doctor of Letters degree. Timothy Findley, Canadian novelist and playwright,

Timothy Findley



Nicholas Goldschmidt



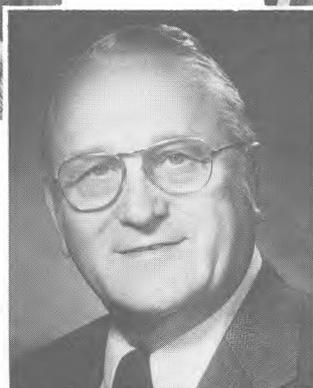
Dr. Achebe



Dr. Smith



Dr. Tremblay



Dr. Misener

will receive an honorary Doctor of Literature degree. Nicholas Goldschmidt, who has made great contributions to the Guelph Spring Festival, will be made honorary Doctor of Music and Marc-Adelard Tremblay, president, Royal Society of Canada, will be named Doctor of Laws.

Dr. A. Grant Misener of Chicago and Dr. J. Percy Smith, a former vice-president, academic, at Guelph, will be named Honorary Fellows of the University of Guelph. Dr. Donald Barnum, Department of Veterinary Microbiology and Immunology, and Dr. Bernard McSherry, Department of Pathology, will be named Professor Emeritus of the University.

### Chinua Achebe

Chinua Achebe is described by many critics as Africa's greatest writer. He retired as professor of English and head of African studies at the University of Nigeria in 1983 after a distinguished career which earned him degrees at University College, Ibadan, the

University of Connecticut and the University of Kent at Canterbury, England. His novels and other works, translated into 20 languages, are studied throughout the English-speaking world, Eastern Europe, the Orient and South-east Asia.

Professor Achebe's writings express three primary concerns: the social and psychological conflict created by the incursion of the white man and his culture into the hitherto self-centred world of African society and the disarray of African consciousness that followed; English as the language of national and international exchange, and

the responsibilities and obligations of the writer to the society in which he lives and to his art.

Prof. Achebe will receive his Doctor of Letters (D.Litt.) degree and address Convocation at 2:30 p.m. Wednesday, May 30.

### Timothy Findley

The success of his latest novel, *Famous Last Words*, confirmed Timothy Findley's eminence in the world of Canadian letters. The Toronto-born author began his career as a professional actor, appearing at the Stratford and Edinburgh Festivals and on the London West End and Toronto stages. He has also written many plays for stage, radio and television, was writer-in-residence at the National Arts Centre and at the University of Toronto and has served as chairman of the Writers Union of Canada.

Mr. Findley has received several awards — the 1975 ACTRA award for a television

*Continued on page 2.*

documentary, the Canada Council Senior Arts Award in 1978 and the Governor-General's Award for Fiction for his 1977 novel, *The Wars*, which has been made into a feature movie.

Mr. Findley will receive his Doctor of Literature (D.Lit.) degree and address Convocation at 10 a.m. Friday, June 1.

#### Nicholas Goldschmidt

Nicholas Goldschmidt's contribution to Canadian cultural life can be traced back nearly 40 years to when he was appointed the first music director to the Royal Conservatory Opera School in Toronto. He held that position for 11 years until 1957 when he became artistic and managing director of the Vancouver International Festival.

As chief of the Centennial Commission's performing arts division, he was responsible for organizing nation-wide celebrations and events during Canada's Centennial Year. In this connection, he came to Guelph in 1967 to organize the national vocal competitions out of which grew the Guelph Spring Festival. He was chief initiator of the Festival and was named its artistic director.

In 1968 he was appointed director of Music for the University of Guelph and conductor of the University's choir, which he took on three tours. He retired from his University positions in 1975, but is still artistic director of the Festival.

In 1980 Mr. Goldschmidt was appointed a member of the Canada Council and was reappointed in 1983.

Mr. Goldschmidt will receive his Doctor of Music (D.Mus.) degree and address Convocation at 10:00 a.m. Wednesday, May 30.

#### Grant Misener

Dr. Grant Misener of Chicago received his B.S.A. degree from the OAC in 1935 and his D.V.M. degree from the OVC three years later. In general practice in Chicago, he served as president of the Illinois Veterinary Medical Association and president of the American Veterinary Medical Association.

Dr. Misener played a key role in establishing the "Friends of the University of Guelph Inc.," a fundraising organization for alumni living in the U.S. Dr. Misener was elected president at its inception in 1975 and has been re-elected president each year since that time.

Dr. Misener will be named an Honorary Fellow and will address Convocation at 2:30 p.m. Thursday, May 31. Dr. Barnum and Dr. McSherry will be honored at the same ceremony.

#### Percy Smith

J. Percy Smith has enjoyed a distinguished career in many roles in academic life in Canada. He served as professor of

English at the University of Saskatchewan from 1949 until 1964, when he became executive secretary of the Canadian Association of University Teachers. His term of office was marked by concern for the protection and extension of academic freedom, and the liberalization of the governing processes of universities.

Professor Smith came to the University in 1970 as Vice-President, Academic, a position he held for six years. From 1976 until his retirement in 1980 he served as professor in the Department of Drama.

He worked backstage in the second season of the Stratford Shakespearean Festival and participated in annual seminars connected with the Festival. He has written extensively about George Bernard Shaw and authored papers on the government of universities and related subjects.

Dr. Smith will be named an Honorary Fellow and will address Convocation at 2:30 p.m., Friday, June 1.

## Fundraising group to define needs

The University will launch a major fundraising campaign sometime next year.

"As government financing has become more constrained in the last five to six years, it has become more urgent to mount a campaign to supplement and enrich programs or space at the University beyond what is being provided by government," explains President Burt Matthews.

The Board of Governors has established a steering committee, chaired by Edmund Bovey, to develop an information package for donors, to determine the goals of the fundraising drive and to set priorities for the use of the money.

President Matthews says \$100 million is needed to meet Guelph's needs, but the committee has not determined the actual financial goal for the campaign. Faculty members and students will be approached first for personal donations, he says. "We need some evidence of commitment from our own people before we can convince outsiders."

Alumni and private corporations and foundations will also eventually be approached, he adds. "We want to have some money committed to the campaign before we launch it, but that depends on the work beforehand, so I'm estimating the launch date will be sometime in 1985."

President Matthews says Guelph must exploit its unique strengths — the areas of agriculture, veterinary medicine, biological sciences, applied research and areas that are relevant to the "real" world and set this University apart from other universities

#### Marc-Adelard Tremblay

Marc-Adelard Tremblay is current president of the Royal Society of Canada. The founding head of Université Laval's department of anthropology in 1970, he has served as dean of the Laval Graduate School and as president of the Canadian Association of Graduate Schools. He has been research advisor to the Committee of Enquiry on Health and Welfare, Quebec and a member of the Research Group on Gerontology.

Professor Tremblay is author of publications in the English and French languages on social science topics ranging from studies of rural Canada to the "Life, Needs and Aspirations of French Canadian Salaried Families," "Language and Society," "The Maturation of Infants" and "Contemporary Indians in Canada." In December, 1980 he was named Officer of the Order of Canada.

Prof. Tremblay will receive his Doctor of Laws (LL.D.) degree and address Convocation at 10:30 a.m. Thursday, May 31. □

that are appealing to the same donors for money.

Some of the needs toward which the money will be applied are scholarships, academic enrichment in the form of visiting professors or academic chairs, research, equipment, construction of new buildings and renovation of the old, he notes. "All these areas are important and it is up to the donors which area they support," he says. □

### Letters to the Editor

Dear Editor:

I would like to bring to your attention a misleading phrase in the article "Engineering Student Creates Own Business," in the *News Bulletin* of April 12. The second sentence of the article implies that George Kotseff is the original designer of the desks he plans to produce. Yet the desk illustrated in the photograph accompanying the article is based upon a pattern published in a book, *Nomadic Furniture*.

To be fair to the authors of this book, I believe Mr. Kotseff should have acknowledged the source of the design in the article.

Sincerely,  
Geoff Hampton

# Blueprint for information technology

Meeting of April 17, 1984.

Guelph has a blueprint for creative application and utilization of information technology in the years ahead as a result of Senate action last week.

The implementation of recommendations contained in an Executive Committee report *Information Technology at the University of Guelph* will ensure that Guelph maintains a leadership role commensurate with its international reputation in such fields as library automation and veterinary clinical information.

Information technology is much broader than just computing, noted Dr. Howard Clark, Vice-President, Academic, as he presented the report to Senate. He quoted from an American Association for Higher Education report that found that information technology could transform what teachers teach and the way they teach it. The objective of the Guelph plan is to facilitate the enhancement of scholarly activity through creative application of information technology. The potential of technology to change the way teaching and learning and scholarship are conducted is basically at the heart of these recommendations, Dr. Clark stated.

Dr. Clark said that information technology presents the University with vast opportunities. The American Association for Education report noted plans for a very large investment over the next few years at Carnegie-Mellon, Brown and MIT, three very dissimilar universities.

Most of the proposals in the American Association for Higher Education report,

said Dr. Clark, came from professors who knew little or nothing about computers a few years ago and whose interest is in improving their teaching of another subject about which they care greatly. Those committed to heavy investment, he said, see enhanced application of information technology as a means of improving our normal activities at a time when resources are scarce.

The Vice-President, Academic, said that the plans put forward would permit the University to deal in an organized way with a process that is already happening. For example, in 1980, the campus had a total of 230 terminals and six microcomputers. Today, there are 730 terminals and 516 microcomputers on campus. In the past 13 months, more than 1,000 pieces of computing equipment have been leased or purchased at a total cost of more than \$3 million. That equipment has been paid for with money already in the hands of Departments and faculty members, not funds budgeted for the purpose, said Dr. Clark.

We have been moving in the right direction, noted Dr. Clark, but during the next 10 years problems such as service, software packages and maintenance will face us.

"Have we moved with clear foresight of what is involved?", he asked. At present, Senate has no means of considering the impact of computers on academic programs and the proposals presented at Senate will provide a framework for that, he explained.

(See motions and details of the report, pages 6 and 7).

*Continued on page 6.*

## GRADUATE NEWS

Linda Craig

The final oral examination of Linda Craig, a candidate for a Master of Arts degree in Rural Development, is Thursday, April 26, 10 a.m. in Room 132, MacKinnon building.

The thesis is "Economic, Social-Demographic and Farm-Related Causative Factors of Stress in a Sample of Farm Women from Grey-Bruce Counties: An Exploratory Study."

Ms. Craig's supervisor is Professor George Penfold, University School of Rural Planning and Development. □

\* \* \*

Donald Smith

The final oral examination of Donald Lawrence Smith, Crop Science, a candidate for the Doctor of Philosophy degree, is Friday, April 27, 1:30 p.m., Room 427, University Centre.

The thesis is entitled "Factors Affecting Low Nitrogen Fixation in *Phaseolus vulgaris* and Their Effect on Yield."

Mr. Smith's supervisor is Professor D.J. Hume. □

\* \* \*

Cheryl Bartlett

The final oral examination of Cheryl Marie Bartlett, Zoology, a candidate for the Doctor of Philosophy degree, is Wednesday, May 2, at 9 a.m., Room 168, Botany and Genetics/Zoology building.

The thesis is entitled "Taxonomy, Development and Epizootiology of *Dirofilaria scapiceps* (Leidy, 1886) Nematoda: Filarioidea) of Lagomorphs."

Ms. Bartlett's supervisor is Professor R.C. Anderson. □

## Parasite named after Zoology professor

The days when an English gentleman such as Charles Darwin could change the course of biological science with his ideas on the classification of various taxa within the animal kingdom are long past, but there is still much exciting work going on in biology. Although new species of birds and mammals are rarely found today, there are many representatives of other groups such as insects, reptiles and sea creatures to be discovered.

Zoology professor, Mary Beverley-Burton, points out that there are still green pastures for the taxonomist in the "wormy world" of parasites as new species of flat worms (Platyhelminthes) are described and catalogued.

It is in this latter field that Prof. Beverley-Burton was recently honored when Dr. Georges Oliver, a professor of zoology at the University of Perpignan in the south of

France, named a parasite after her. The species, *Cycloplectanum beverleyburtonae*, is of the platyhelminth class Monogenea and is a parasite of serranid fishes (Perciformes) from the Mediterranean.

Prof. Beverley-Burton became interested in worms of this genus while on study leave at the University of Hong Kong in 1976 and in 1981 published a revision of *Cycloplectanum* in the *Canadian Journal of Zoology* in collaboration with Dr. Delia Mabel Suriano who is now at the Institute of Marine Research, Mar del Plata, Argentina.

Earlier characterization of *Cycloplectanum* was based, to a large extent, on the structure of the haptor, the apparatus with which the worm attaches to the host. However, Prof. Beverley-Burton and Dr. Suriano utilized internal anatomy, particularly the genitalia, to distinguish these tiny animals which measure only 0.5 mm long.

The Guelph professor explains that species of the genus *Cycloplectanum* are known to occur on fishes in the Pacific ocean (off the coast of Mexico, in the South China Sea and Australia's Great Barrier Reef) as well as in the Mediterranean, but are probably present in all tropical and subtropical oceans in which their hosts, the sea basses, are found. Material recently collected in Bermuda and the Caribbean has been identified as *Cycloplectanum* and may prove to be another new species.

Prof. Beverley-Burton was recently invited to become a member of the editorial board of the *Journal of Parasitology*, the official publication of the American Society of Parasitologists. She is the author of the volume covering the Monogenea and Turbellaria in the series, *Guides to Parasites of Fishes of Canada*, being published by Fisheries and Oceans Canada, and currently in press. □

# Ties that bind

## OVC people and pets program

Jan, Natasha, Mark and Goldie can't wait for Saturday mornings. These four-legged friends visit senior citizens weekly, accompanied by OVC students Paul Donovan and Dave Kelton.

The two cats and two dogs visit residents at Woolwich Lodge and The Elliott Home for the Aged as part of the "People and Pets" visiting program set up by students from Omega Tau Sigma, OVC's student fraternity.

The idea to team pets with the elderly began with Dr. Leo Bustad at Washington State University, who started a people and pets visiting program to retirement homes and prisons in Pullman, Washington. More than a year ago, OVC faculty members and personnel at the Teaching Hospital, encouraged the fraternity to start a similar program in Guelph.

Each week eight students with their own pets or specially chosen animals spend an hour with the senior citizens. Goldie, a Golden Retriever, Mark, a Doberman Pinscher, Jan, a part Persian cat, and Natasha, a part Siamese or Burmese, were chosen especially for their endearing personalities. Without them, it would have been hard to strike up conversation, notes Mr. Donovan. The senior citizens seemed to talk first to the animals and, in time, to the young people.

Seeing Goldie reminded one resident of her own dog and an amusing incident from her past: As a young girl, she had been making ice cream one hot summer day and, to hide it and keep it cool, she had buried it in what she thought was a safe place. She returned to the spot later only to find her



Dr. Jack Cote, OVC.

*A cat has already made friends, but a dog needs a bit of coaching from David Harris, OVC '87.*

dog with a self-satisfied look on his face, having discovered the ice cream cache.

Sometimes the animals seem to work miracles with the elderly. One woman who appears to be unaware of her present surroundings, remembers the name of the dog that visits her regularly and a man who did not speak for months suddenly began to talk to a cat placed in his lap.

On Saturday mornings, the residents of Woolwich Lodge and The Elliott Home gather in the lounge or wait expectantly in their rooms for visits from their furry friends.

Dr. Jack Cote, associate co-ordinator, OVC Externship Program, says the "People and Pets" project provides a golden opportunity for fledgling veterinarians to gain insight into people's needs. Many people have strong emotional ties to their pets, even to the point of dependence on them. Veterinarians who treat these animals, says Dr. Cote, must be aware of this and must develop compassion and understanding, not only for their patients, but also for their patients' owners.

As for the animals — they love the entire enterprise. Goldie, the Retriever, recently broke away from his owner after a visit and ran back to the residence. As he apparently saw it, when you've got a good thing going, why stop? □

# Two new scholarships for CBS

A formal presentation luncheon given by the College of Biological Science honored the first recipients of two new, important scholarships each worth \$5,000.

Birgit Braune, York, received the Elgin Card Avian Ecology Award and Graham Worthy, Guelph, was granted the Norman James Aquatic Mammals Award.

Miss Braune completed her Master's with distinction at Guelph in 1979 and was a subsequent winner of the Guelph Sigma Xi D.G. Ingram Award for excellence in research. Her Ph.D. thesis, under the supervision of Zoology professor David Gaskin, requires a study of the mercury uptake and elimination by Bonaparte gulls in the Bay of Fundy. She has spent the last three summers on Deer Island as part of the University's Cetacean and Sea Bird Research Group, studying the Bonaparte's whole food system and working out models of how it copes.

Mr. Worthy, who took both his B.Sc. and M.Sc. at Guelph, is writing a Ph.D. thesis on the energy requirements of seals under the supervision of Zoology professor David Lavigne. He has visited the Magdalen Islands in the Gulf of St. Lawrence during the last three seal hunts to collect pups for transportation back to Guelph where their growth is monitored.

The importance of these awards is noted by CBS Dean Bruce Sells who says the awards honor not only the achievements of the students who have received them, but also recognize the faculty members who have developed the programs. The Dean says the College is pleased that there is a tangible way to reward these efforts, and it is grateful to Mr. Carr and Mr. James for making the awards possible. □

## VISITING PROFESSOR

Guelph will be a recipient of a Commonwealth Visiting Fellowship in 1985, the Association of Universities and Colleges of Canada announced recently. Economics chairman, Professor Douglas Auld, says his Department and the Centre for Gerontology Research will act as co-hosts to Dr. John Pitchford of the Australian National University.

Prof. Pitchford has received worldwide recognition for his research on inflation. In recent years, he has turned his attention to population economics and, in this respect, his work is of particular interest to Guelph's new Centre for Gerontology Research. Prof. Pitchford will be in residence from March to May, 1985, when he will give several lectures and seminars. □

## JOB OPPORTUNITIES

**Clerk, Music Department.** Temporary full-time for one year. Clerk II. Salary range: \$256.47 - \$369.18. Job rate (level 5): \$296.40.

**Driver, Maintenance Department.** Reposting: Originally posted 84 04 06. Job rate: \$8.84 per hour. Probation rate \$.20 per hour lower than job rate. Open to on-campus employees only.

**Administrative Secretary, University School of Rural Planning and Development.** Contractually limited appointment. Salary range: \$281.51 - \$403.41.

Information: 836-4900 or visit Employment Services and Training, level 5, University Centre.

**Beginning in September the News Bulletin will no longer have a special section for Faculty and Staff Activities and Publications.**

**We still request that you supply your activities and publications to the News Bulletin via your Department's representative. We will prepare special articles for the News Bulletin on the more newsworthy items. We will also use the information for selecting topics and interviews for our "Talking Points" radio program and feed information to media representatives. □**

**THE SURPLUS SALES** Department has available for sale on a closed bid basis the following item: one 500-A PM Compressor, 110 V, Drayton Motor, RPM 1725, Max 600 PSI. Reserve bid — \$100. SD #384. Bids close 4 p.m., April 30. Further information is available by contacting Dave Scott, Ext. 8139.

**DBASE USERS GROUP** meeting will be held Tuesday, May 1 at 10:30 a.m. in Room 212, ICS. This group is open to all members of the University community and the topics for discussion will include: a COSY demonstration for the exchange of information, a report on Dbase II applications, general discussions on managing a Dbase project and a report on a Bulletin Board System for micro users. To join the mailing list for this group contact either Alison Van Roon, Training Co-ordinator, ICS, Ext. 2706 or Lisa Menegon, Ext. 3046.

**DATAPAC** has announced a new service for overseas connections called NUI or Network User Identifier which allows connections with overseas computer communications networks and other locations in Canada and the U.S. which do not accept reverse charging. NUIs are like a charge card; they are unique IDs with passwords which enable calls to be charged back to the customer.

If there are more than five users or Departments who want NUIs, they will be charged \$100 per year for each NUI, if they inform Computer Operations before ordering the block of NUIs. Subsequent users will be charged \$150 for the first year and \$100 per year thereafter. Datapac usage charges will be billed back to the user or Department by Computer Operations.

ICS would like to get this feature implemented on campus soon and has set May 18 as the deadline for the initial order. Any users ordering after that date will have to absorb the extra installation request charge and will therefore be billed \$150 for the first year instead of \$100.

To order your NUI or for more information, contact Les Dennis, Computer Operations, Ext. 3775.

**BIG SISTERS OF GUELPH** is holding an orientation and training series for potential Big Sisters.

On Wednesday, May 2, from 7 p.m. to 9 p.m., a general information night about agency goals and roles of Big and Little Sisters and their families will be held. On Wednesday, May 7, from 7 p.m. to 10 p.m., child development and the effects of separation and divorce and single parenting will be discussed. Effective listening and communication and recreation ideas are the topics Wednesday, May 16, from 7 p.m. to 10 p.m.

For more information, call Big Sisters, 824-0800.

**THE FOLLOWING EQUIPMENT** is offered for sale to university researchers: Neuroprobe amplifier for recording intracellular potentials, complete with iontophoresis isolation head. Works well on AC but needs new batteries for isolated DC, \$500 (was \$2,500 in 1978); Evaporimeter for instantaneous measurement of rate of water evaporation from skin or leaf surfaces, or any similar biological system, \$2,500 (was \$6,700 in 1981).

Contact: Dr. H.J. Swatland, Ext. 3670.

**THE NATURAL SCIENCES AND** Engineering Research Council has awarded 62 researchers university research fellowships for 1984-1985 to strengthen Canada's university research and development effort.

Professor R.L. Brooks, Physics, was the recipient of one of these fellowships for his work on Raman spectroscopy of beam-irradiated cryogenic molecular solids.

**THE LIST OF UNIVERSITY** Institutions in the Commonwealth, containing the names of the executive university heads and addresses, is available free from The Association of Commonwealth Universities, John Foster House, 36 Gordon Square, London, England, WC1H 0PF.

**THE NEW ADDRESS FOR THE** Natural Sciences and Engineering Research Council is 200 Kent St., Ottawa, K1A 1H5, effective May 1. Note: Strategic grant applications currently being prepared should be sent to the current address (Montreal Road, Ottawa, K1A 0R6).

**THE PAPERBACK SERIES**, the CAUT *University Library*, has been taken over by a new publisher, the University of British Columbia Press, and will appear with a new format and a new logo. Launched by the Canadian Association of University Teachers to bring some of the concerns of academics to a wider audience, the series will include two or three titles a year.

The general editor of the series is J.A.S. Evans, professor of classics at the University of British Columbia, and enquiries from potential authors are welcome. For further information, contact Prof. J.A.S. Evans, (604) 228-4063.

**THE MACDONALD STEWART** Art Centre organized a major exhibition of paintings and drawings by Canadian artist K.M. Graham to celebrate the 1984 Guelph Spring Festival. This exhibition is funded by a grant from The Canada Council.

The exhibition will open at the Art Centre Saturday, April 28 and the artist will be present from 4 p.m. to 6 p.m. The exhibition will continue until June 5.

**THE UNIVERSITY'S COLLECTION** of British horse brasses dating from the early 19th century to the early 20th century will be displayed at the Macdonald Stewart Art Centre during the Canadian Veterinary Medical Association "Conference 84," July 8 to July 11.

The exhibition will open July 8 during the conference and continue at the Centre until September 23.

**WELL-KNOWN LOCAL ARTISTS** will be represented at an art exhibition and sale at St. Andrew's Presbyterian Church Saturday, May 5 from 10 a.m. to 8 p.m. Peter Goetz of Kitchener and Werner Zimmermann of Guelph will be among those represented as well as Roy Lefneski, John Mattar and Winnifred Watson. Two University of Guelph graduates Barry Hodgson and Vladymyr Ruzylko and Willowdale painter Edwin H.K. Chau will also be represented. Admission to the show is \$1 with proceeds from admission and commissions to be donated to a relief project in Sahel, Africa. At a similar sale in 1982, \$3,000 was raised for a Third World relief project.

## GWC<sup>2</sup> plans distinguished lecturer

Professor Adam Heller, head of the electronic materials research department at AT&T, Bell Laboratories in Murray Hill, N.J., will be a distinguished lecturer for the Guelph-Waterloo Centre for Graduate Work in Chemistry from May 13 to May 19.

A graduate of the Hebrew University in Jerusalem, Prof. Heller has also studied at the University of Paris and the University of California at Berkeley. He has worked with the Israeli Atomic Energy Commission and has been a member of the technical staff at Bell Laboratories since 1975.

Prof. Heller's work on the correlation between the chemistry and radiationless relaxations of rare earth ion solutions led to his development of the first inorganic liquid laser and precipitated a worldwide research effort. He subsequently worked on the electrochemistry of alkali metals in inorganic oxyhalide solutions and the culmination of his work has been the development of the highest energy density primary battery, the lithium-thionyl chloride cell.

While at Guelph, Prof. Heller will deliver the following lectures: "Fundamentals and Applications of Semiconductor Electrochemistry," Monday, May 14 at 3:30 p.m. in Room 113, Physical Science building, and "Electrical Power Generating Solar Cells" Friday, May 18 at 3:30 p.m. in Room 105, Physical Science. □

## Our people . . .

**Professor Doug Auld**, Chairman, Economics, has been appointed to the Ontario Economic Council until December, 1986.



Two graduate students in Nutrition were cited for excellence in research by the American Institute of Nutrition at the annual meeting of the Federation of American Societies for Experimental Biology held in St. Louis. **Doris E. Yuen** and **David E. Agwu** received travel grants as semi-finalists in the graduate student competition among 70 nominees, and Ms. Yuen received an additional \$500 as one of three final winners. She reported on a new approach to the prevention of stunted bone growth in low birthweight infants fed intravenously. This is the second consecutive year that a student from the Department has won an award at this meeting. □

### Errata

The credit for the picture accompanying the 84 04 12 *News Bulletin* article, "Physicists and Industry Seek Answers Together," was given to John Hearn, Information Services. Picture credit should have been accorded to Lutz J. Hahn, Physics. □

# Proposed centre for research, development of social, human issues

Senate votes *Continued from page 3.*

## Executive Committee

\* Senate approved the following goals for information technology planning:

(i) that the University of Guelph undertake a leadership role in understanding and applying information technology in a manner consistent with the aims and objectives of the University;

(ii) that the continued integration of elements on information technology into the University environment be planned with due consideration to their applicability to the various teaching, research and administrative information needs and potentials for the enhancement of individuals as well as organizational units;

(iii) that the implementation of strategies be conducted in a thoughtful and sensitive manner in consideration of the social and human impact arising from information technology;

(iv) that the continued distribution of computer technology as part of information technology take place in such a manner that students, faculty and staff enhance their information capabilities and appreciation of how technology can be used to assist in the management of information and discovery of knowledge;

(v) that within the academic community, the appreciation of the potential of technology to foster applications significant to the learning process be enhanced;

(vi) that the University administration, in order to increase the overall effectiveness and efficiency of operations, enhance the ability of administrators to deal with constituents and improve access to information with due regard given to privacy and security.

\* Senate approved that the Computer Services Council be disbanded and that Senate establish a standing Committee for Information Technology which shall:

(a) review on an ongoing basis the academic environment as it relates to the development on the part of students and faculty members of the levels of competence with regard to information technology appropriate to the enhancement of the teaching, research and outreach programs of the University;

(b) contribute, with the approval of Senate, and in relation to the projected needs for academic computing, to the ongoing planning for the development of the University's facilities and sources of information technology, as advice to the Advisory Committee for Information Technology;

(c) formulate policies, subject to the approval of Senate, which shall govern the organization and use of information technology services with the University for the purposes of teaching, research and outreach and shall be composed of the Chancellor, President, Vice-President, Academic, Dean of Research, two College Deans, the Officer for Information Technology, Chief Librarian, six Senators to include one undergraduate and one graduate student, the Director of the Institute of Computer Science and the Director of the Office for Educational Practice shall be resource persons.

\* Senate approved that the Senate Committee for Information Technology be empowered to form a users' group or groups.

\* Senate approved that, as a first priority, the Senate Committee on Information Technology consider and report to Senate on the appropriate means of establishing an Information Technology Centre. (The Centre is to be concerned primarily with research and development related to the social and human impact of information technology.)

\* Senate received the following proposals for information (summarized here by the News Bulletin): One person, expected to be called

the Officer for Information Technology, will be seconded from a present campus position for three years to be responsible for overall planning, co-ordinating, and steering development and integration of information technology in teaching, research and outreach programs. The officer will be a member of the Senate Committee for Information Technology. The Director of the Institute of Computer Science and the senior officer of the Information Technology Centre, if established, will report to this person. The officer's first responsibility will be to prepare for the Senate Committee for Information Technology recommendations for a redefined role for the ICS. That role could include: separating administrative computing from ICS with the responsibility for administrative computing going to the Vice-President, Administration; ICS becoming a service unit for mainframe computing and for developing network capabilities and, a reduction in academic consulting and assistance services on a phased basis. A study would be carried out to determine if ICS should assume an expanded service responsibility in the microcomputer area. The officer will also propose a strategy whereby information technology can be integrated into all administrative functions of the University.

An advisory committee will be established to advise the officer. The Senior Group on Information Systems is to continue with its present mandate and composition, but the officer will be a member and serve as its vice-chairman. The responsibilities of the officer are to be broadly interpreted to include planning for and integration of the telephone and computing network systems.

Budget allocations as a means of regulating mainframe computing will be replaced by a contract arrangement, the details to be worked out by the Director of ICS and approved by the Officer for Information Technology. Real budget charges will continue for services requiring personnel.

## Striking Committee

\* Senate approved a change in the membership of the Senate Committee to Review the Aims and Objectives of the University. W.C. Hamilton is replaced by M.C. Robinson.

## Board of Undergraduate Studies

\* Senate received for information a report on the composition of the B.L.A. program committee for 1983-1984. The committee now includes two alumni of the B.L.A. program and is as follows:

Cameron Man, chairman, School of Landscape Architecture; D.J. Blackburn, School of Agricultural Economics and Extension Education; E.K. Grant, Economics; L. Irvine, School of Landscape Architecture; C. Kirwin, Fine Art; G. Lumis, Horticultural Science; E.E. Mackintosh, Land Resource Science; W.G. Nickling, Geography; G. Penfold, School of Rural Planning and Development; L.M. Wester, and R.R. Forster, School of Landscape Architecture; Karen Hammond and John McArthur, B.L.A. alumni, and, Claire Ironside and Carol Milne, student representatives.

## Board of Graduate Studies

\* Senate approved course additions and deletions for the Philosophy of Science program of studies.

\* Senate approved the program of studies in Philosophy of Science as part of the M.A. program in Philosophy.

\* Senate approved course deletions in the Department of Biomedical Sciences effective with the 1984-1985 Graduate Calendar.

\* Senate received for information the additions to graduate and associated graduate faculty. They are:

Graduate faculty: G. McCracken, A. Wilcock and K. Madeira, all Consumer Studies.

Associated graduate faculty: D.R. Sampson, Canada Department of Agriculture/Crop Science; N.H.F. Watson, Canada Centre for Inland Waters/Zoology, and, B.J. McSherry, retired/Pathology.

## Library Committee

\* Senate approved Copyright Guidelines for Print or Microform Copying.

## Committee on Bylaws and Membership

\* Senate received for information a report on the results of the Senate elections for winter, 1984.

## Senate Awards Committee

\* Senate approved the following new awards:

College of Arts Alumni Drama Prizes: These are two annual prizes of \$250 each to Drama students in the honors program entering their seventh semester with the highest cumulative average in drama courses. The donor is the College of Arts Alumni Association;

University Graduate Visa Student Scholarship: These are a number of scholarships, valued at \$4,000 per year, to students with an 'A' or first-class academic record. These are restricted to new visa students who are not supported financially by an agency external to the University. The donor is the University of Guelph;

Ontario Egg Producers' Scholarships are two annual fellowships of \$2,000 each for M.Sc. students or one fellowship of \$5,000 for a Ph.D. student with high academic standing who are in their first year of study in the Department of Animal and Poultry Science and who are conducting research in poultry science. The donor is the Ontario Egg Producers' Marketing Board;

Ministry of Agriculture and Food Leadership Award is a plaque given annually to a graduating student in the Diploma in Agriculture Program with a minimum of 'B' standing who has demonstrated outstanding leadership in student activities. The donor is the Ontario Ministry of Agriculture and Food;

Kasha Scientific Travel Fund is to provide financial assistance to graduate students in crop science attending meetings and presenting papers on haploidy or biotechnology. A total of \$1,000 per year will be awarded to cover expenses of one or more students. Usually up to \$500 per student may be awarded but more may be given at the discretion of the selection committee. The fund has been established by Professor K.J. Kasha for the 1983 Ernest C. Manning Award he received in recognition of his research on haploidy in barley;

Andrew Leslie MacNabb Prize is \$200 and a nameplate to the student completing semester 8 of the D.V.M. program who has shown the greatest proficiency in veterinary public health. The donor is the OVC Alumni Association in memory of Dr. A.L. MacNabb who was principal of the OVC from 1945 to 1952;

Carol Page-Silim Graduate Scholarship is the income of an endowment of \$2,000 to be awarded in alternate years to a full-time graduate student in the area of applied human nutrition who has demonstrated an organized and coherent approach to the conduct of research in this area. The donor is Dr. A. Silim in memory of his wife, Carol Page-Silim.

\* Senate received for information a report on a change to the following existing award:

The conditions of eligibility have been widened in the Ontario Milk Marketing Board Doctoral Scholarship to any graduate student in the University who is doing research in an area

*Continued on page 7.*

Continued from page 6.

of relevance to the OMMB, and eligibility has been restricted to Canadian citizens or permanent residents.

\* Senate approved the listing of undergraduate awards on students' transcripts.

\* Senate approved a change in Regulation 15 of the Senate Awards Committee. It reads as follows:

Any award which is given only once or whose value is less than \$100 shall be administered by the appropriate College Awards Committee providing its terms and conditions have been approved by the Senate Awards Committee. Such an award (excluding medals and book prizes), shall not be listed in the University calendars.

## PUBLICATIONS

Anderson, R.C., 1984. "The Origins of Zooparasitic Nematodes," *Can. J. Zool.* 62: 317-328 (Zoology).

Bailey, Karen and B.H. MacNeill, 1983. "Virulence of *Erysiphe graminis* f.sp. *tritici* in Southern Ontario in Relation to Vertical Genes for Resistance in Winter Wheat," *Can. J. Plant Pathol.* 5: 148-153 (Environmental Biology).

Peterson, R.L. and Janet Vermeer, 1984. "Histochemistry of Trichomes," in *Biology and Chemistry of Plant Trichomes*, ed. E. Rodriguez, P.L. Healey and I. Mehta, New York: Plenum Press, pp. 71-94 (Botany and Genetics).

Piché, Y., R.L. Peterson, M.J. Howarth and J.A. Fortin, 1983. "A Structural Study of the Interaction Between the Ectomycorrhizal Fungus *Pisolithus tinctorius* and *Pinus strobus* Roots," *Can. J. Bot.* 61: 1185-1193 (Peterson, Botany and Genetics; Piché, Howarth and Fortin, Laval).

Pitblado, R. and B.H. MacNeill, 1983. "Genetic Basis of Resistance to *Pseudomonas syringae* pv. *tomato* in Field Tomatoes," *Can. J. Plant Pathol.* 5: 251-255 (Environmental biology).



Martin Hodgson, left, President, University of Guelph Staff Association, presents the Association's scholarship to College of Arts student, John Clelland, Guelph. The \$600 scholarship is awarded annually to a student who is a member or former member, or who is from the immediate family of a member or former member of the University of Guelph Staff Association. The recipient must be entering semester 2, 3 or 4 of a degree or diploma program in the winter semester.

Szjarto, L.F. and D.A. Barnum, 1984. "Preparation, Use and Evaluation of Standards Developed for Simultaneous Monitoring of Coulter and Fossomatic Electronic Cell Counting Instruments in Ontario," *Journ. of Food Protect.*, 47:227-231 (Szjarto, Ontario Ministry of Agriculture and Food; Barnum, Veterinary Microbiology and Immunology).

Vanderburgh, D.L., R.C. Anderson and T.M. Stock, 1984. "Pelecitus tuberculata n.sp. (Nematoda: Filarioidea) from *Geothlypis trichas* L. and a Redescription of *P. fulicaeatrae* (Diesing, 1861) Lopez-Neyra, 1956," *Can. J. Zool.* 62: 362-367 (Zoology).

## FACULTY ACTIVITIES

Professor R.S. Gibson, Family Studies, attended the American Nuclear Society Topical Conference in Puerto Rico recently. She presented a paper co-authored by A.C. MacDonald and O.B. Martinez, entitled "Dietary Trace Element Intakes of a Selected Sample of Free-Living Canadian Elderly Women."

Peter Taylor, Print Publication Services, presented an illustrated lecture to 100 professionals at the "Doing Better Publications for Less" conference, sponsored by the Council for Advancement and Support of Education (CASE) in Boston, Massachusetts.

Mr. Taylor's talk, "Publications Management and Microcomputers," covered the applications of word processing, file management, financial management, graphics, communications and special programming.

## University Canada

Universities are reaching out to many communities to share their expertise: The University of Calgary and the University of Waterloo are operating a joint program this summer allowing high school students to explore high tech and finance on each campus. \* \* \* Concordia, McGill and Université de Montréal have established the joint Centre de Recherche Informatique to help Montreal industries become computerized. \* \* \* Memorial University is offering distance education courses combining videotaped lectures with interactive teleconferencing while Mount St. Vincent University is using videotaped interviews of its co-op students to secure placements for them in other provinces. \* \* \* Architecture students at the University of Waterloo have drawn up plans for a ceramics museum in downtown Waterloo. \* \* \* McGill University recently opened the McGill Nutrition and Food Science Centre at the Royal Victoria Hospital in Montreal. \* \* \* The University of Lethbridge is completing the construction of an observatory on its campus. \* \* \* Human rights issues are also in the limelight on many campuses: York University has opened a sexual harassment education and complaint centre in response to the 1982 recommendations of the president's advisory committee on sexual harassment. \* \* \* The University of Toronto is creating a task force to take a position on human rights, affecting such groups as the disabled, the sexually harassed and ethnic minorities while engineering grads at the University of Waterloo are presenting that university with special lifts for people in wheelchairs to go on and off the stage at Convocation ceremonies starting this spring. \* \* \* The University of Western Ontario is publishing a newsletter from a working group aimed at helping handicapped people communicate and share information about computer systems on a world-wide basis. \* \* \* Honorary degrees and appointments: The University of Western Ontario will confer an honorary degree on the Honourable Bertha Wilson, QC, the first woman to be appointed to the Supreme Court of Canada. She is one of seven individuals to receive honorary degrees at Western's Spring Convocation. \* \* \* The University of Windsor's fourth president will be Dr. Ronald W. Ianni, QC, who has been dean of the law faculty there since 1975. He succeeds Dr. Mervyn Franklin on September 1. \* \* \* David Morrison has been appointed Dean of Arts and Science at Trent University for a four-year term, effective July 1, 1984. \* \* \*



The portraits of two former deans were hung during a special gathering held in the 9th floor Arts building office of the Dean of the College of Social Science. Murdo MacKinnon, left, was the only dean of Wellington College and the first dean of the College of Arts and Science. Jack Skinner, third from left, was the first dean of the College of Social Science. Also attending the ceremony were CSS Dean, John Vanderkamp and, right, John Currie, president of the College of Social Science Alumni Association. Wellington College was established as the College of Arts and Science when the University was founded in 1964. It existed until the present seven-college structure evolved in 1970.

# Next Week at Guelph

**THURSDAY, 84 04 26**

**Meeting** - BOARD OF GOVERNORS, 1000, UC424.

**FRIDAY, 84 04 27**

**Worship** - MUSLIM PRAYERS, 1200, chapel, UC level 5; CHRISTIAN FELLOWSHIP, 1200, Johnston Hall 157A; CHINESE CHRISTIAN FELLOWSHIP, 1900, CM160; ANGLICAN/UNITED SERVICE, 1030, chapel, level 5, UC.

**SATURDAY, 84 04 28**

**Worship** - CHINESE CHRISTIAN PRAYER, 0900, CM160.  
**Arboretum** - SPRING WOODS, 1300, J.C. Taylor Nature Centre.  
**Continuing Education** - MUSIC AND THE BRAIN, ENGLISH COUNTRY HOUSES AND ESTATES, 0930, Ext. 3956 to register.  
**Guelph Spring Festival** - MAGIC OF MENDELSSOHN, 2000, WMH.  
**Art Exhibit** - K.M. GRAHAM, Macdonald Stewart Art Centre.

**SUNDAY, 84 04 29**

**Worship** - UNIVERSITY BIBLE STUDIES SERVICE, 1015, PS105; ANGLICAN/UNITED, 1030, chapel, level 5, UC.  
**Cycling Club** - ELORA GORGE, 1000, front of UC.  
**Continuing Education** - ARENA MANAGERS, 1700, Ext. 3956.

**MONDAY, 84 04 30**

**NO SCHEDULED EVENTS**

**TUESDAY, 84 05 01**

**Chess Club** - 1900, UC335.  
**Classes** - CITIZENSHIP DEVELOPMENT, 1930, 128 Woolwich St., 836-2222.  
**College Women's Club Meeting** - VOICES TWO, poetry readings, 1930, Arboretum.

**WEDNESDAY, 84 05 02**

**Worship** - ANGLICAN/UNITED EUCHARIST, 1210, chapel, level 5, UC.  
**Chess Club** - 1900, MacK034A.  
**Cycling Club** - ROCKWOOD, 1715, front of UC.  
**Guelph Spring Festival** - EDWARD JOHNSON MUSIC COMPETITION, 1900, MacK107.

**THURSDAY, 84 05 03**

**Worship** - CATHOLIC MASS, 1200, chapel, level 5, UC; CHINESE CHRISTIAN FELLOWSHIP, 1900, CM160.

## COMING EVENTS

**Arboretum** - SPRING AT THE ARBORETUM, Sunday, May 6, 1000; CONCERT, 1400, OAC Centennial Centre.

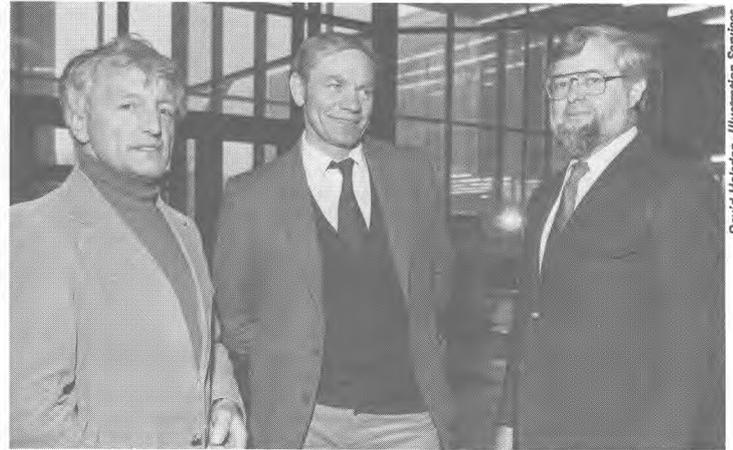
## PERSONALS

**For Sale:** Girl's green vinyl raincoat, size 8, soccer shoes, size 1, 836-6238; three-bedroom brick bungalow, Old University area, immediate possession, 836-6874; 1980 Mercury Capri RS, 822-0596 after 1800.

**Wanted:** Daily ride from Acton to University and back, May 7 to Aug. 11, share expenses, 853-2554 evenings; professional staff member seeks one bedroom, unfurnished apartment to rent in Guelph starting Sept. 1, 824-0563 after 1700.

**For Rent:** Two bedroom apartment in a triplex, available June 1 or sooner, 836-7762.

**Available:** Three furnished rooms with shared kitchen and bathroom, 822-2713; babysitting, 822-5395.



David Helston, Illustration Services

*Chemistry and Biochemistry professors Alan Mellors, left, and Ed Janzen, right, meet with Professor Egil Jellum, chairman of the Institute of Chemical Biochemistry, University of Oslo, Norway. Dr. Jellum was on campus as a distinguished lecturer with the Guelph-Waterloo Centre for Graduate Work in Chemistry.*

## Being a dog not so easy!

Dogs, it appears, are creatures of habit. Any change in routine may trigger a variety of undesirable behavioral responses. One of these habits is dependency on the owner, and separation may signal whining, panting, scratching and barking which will increase in intensity and frequency the longer the owner is away.

These are some of the findings of Pathology's visiting professor, David Hothersall of Ohio State University. In a talk, "Dogs in the Family," Prof. Hothersall said therapeutic treatment of dogs involves heavy demands on the owners. For instance, positive and negative reinforcement of chewing habits in an owner's absence may call for a series of simulated absences over lengthening periods during which the owner must be prepared to dress to go out, get in his or her car and drive around the block, doing this for as long as the treatment requires.

Details are also important. Prof. Hothersall told of an owner who left for work every morning, lunch bucket in hand, until he had a heart attack and took an early retirement. The dog, who developed bad habits while the man was in hospital, showed no sign of improving until a therapist suggested that the man take his lunch bucket with him whenever he went out. The treatment worked. The lunch bucket had served as a signal to the dog that the man would return.

Aggressive behavior may be difficult to cure, especially in a dog whose snarls and bites as a pup had been encouraged as "cute," he said. Aggression is frequently elicited by children as a result of teasing, giving and taking away, and hair-pulling. In these instances, behavior modification ostensibly directed towards the dog is, in practice, designed to change the behavior of the child.

Prof. Hothersall, who conducted research in biofeedback before becoming interested in dogs said, "When we started, we were regarded as crackpots. The field has now become at least marginally respectable, and we now see groups of veterinarians and psychologists working together in an attempt to understand behavioral problems. We may be witnessing the birth of a new field of psychology and applied animal behavior." □

# guelph

## UNIVERSITY NEWS BULLETIN

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