

# guelph

## UNIVERSITY NEWS BULLETIN

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## Inventions policy set

Senate and the Board of Governors have approved a new University of Guelph Inventions Policy which sets guidelines for the patenting and commercial development of University technology.

Ron Dolynchuk, Director of Industrial Services, explains that the new policy is part of the industrial interaction mechanism now in place to facilitate the technology transfer process and to allow discoveries made in campus laboratories to find public application.

The inventions policy was developed by the Research Board's patent committee to encourage faculty members to identify their discoveries and have them reviewed for commercial potential. Mr. Dolynchuk, who works in the Office of Research, can provide the necessary services to make it easier for faculty researchers to understand the complex and time-consuming commercial development process.

The policy also establishes the financial incentive for faculty members to identify discoveries which may have commercial value. Royalty revenue from inventions

will be shared between the inventor and the University with 75 per cent of the first \$50,000 of net revenue going to the faculty member and 25 per cent to the institution. In cases where the revenue is more than \$50,000 the proportions will be reversed.

Mr. Dolynchuk explains that experience at other institutions points to the fact that in the majority of cases the royalty revenue from successful commercial discoveries is modest. In Guelph, as elsewhere, the revenue-sharing policy is structured to benefit the inventor. However, "if and when we have the big one, we all benefit." In the case of revenues coming in from the licensing program, 25 per cent of the University's portion will go to the inventor's Department, 15 per cent to the College, in both cases to support research and scholarship. The remaining 60 per cent of the University's share will go into the Endowment Fund to be used specifically to strengthen research programs.

Mr. Dolynchuk uses the University of Wisconsin as an example of a successful

*Continued on page 6.*

## R&R for the birds

A room in the back of ward seven in the large animal clinic of the OVC Teaching Hospital once housed swine. Now renovated, it is a haven for injured wild birds — falcons, owls, hawks, seagulls, geese, flickers, woodpeckers and crows which are restored to health by Dr. Bruce Hunter, Department of Clinical Studies, and 90 OVC, Zoology and other student volunteers.

Officially called the OVC Wild Bird Emergency Clinic, the operation is the co-operative effort of a number of people. The OVC Wildlife Disease Club, an OVC students' interest group, daily supervises the cleaning of cages and feeding of the birds. Under Dr. Hunter's direction they also give orientation seminars to would-be volunteers on handling and feeding. OVC senior students, taking a regular rotation course on avian diseases, help with the medical aspect. Other Hospital staff handle the orthopedic work, if required.

Dr. Hunter says the time during migration is one of the most hazardous for wild birds. Many are admitted in shock from gunshot wounds or from having been hit by a car. Helping them recover from this trauma requires special skills and care as does restoring them to the wild. Dr. Hunter and his staff work closely with the Kortright Waterfowl Park, the Mountsberg Conservation Centre and the Owl Research and Rehabilitation Foundation in St. Catharines, sending birds to them for rehabilitation and release.

Dr. Hunter sees the Wild Bird Emergency Clinic becoming a permanent feature of the OVC. It provides a fine basis for teaching, he notes, an opportunity to save and restore birds to the wild — especially important if the species is on the endangered list — a ready source for gathering research material on wild bird species and studying diseases of wild birds that could be of importance to commercial poultry flocks, and yet another way of bringing OVC personnel and the community together in a positive way. 110 cases this year.

Further information about the Clinic may be obtained at Ext. 2680 between 6 p.m. and 9 p.m., or from Dr. Hunter, Ext. 2631. □



*Guelph's agricultural basis and the level of automation achieved by the Library have been major factors in the number of recent visitors from the Peoples' Republic of China. Seen above with Library staff during such a visit are five professionals from the Beijing Agricultural University. From left to right, front, Ellen Pearson, Assistant Librarian, Information Services, Wang Kaoyi, deputy director, BAU library, Margaret Beckman, Guelph's Chief Librarian and Bai Lei, librarian, BAU. Back, left to right, Wen Chung, desiderata librarian, Guelph, Zhao Weijun, interpreter, Wang Mingxuan, and Liu Yuanpu, information specialists, BAU.*

# The Learned's: Doing it well

Planning for the 1984 Learned Societies Conference is now in high gear. The 5,000 delegates representing some 60 Societies are expected to converge on the University campus during the three weeks beginning May 27, 1984 and pose an organizational challenge of unprecedented dimensions.

The Learned Societies Conference, explains conference co-ordinator, Professor Earl MacNaughton, is an assembly of Canadian societies meeting annually for the purpose of advancing and spreading knowledge in the various social sciences, humanities and professional fields. Bringing all the Societies together under the conference umbrella provides a unique opportunity for members to interact with others in related disciplines.

This aspect is echoed by Dr. Herb Armstrong, campus representative of the Royal Society of Canada. He points out that it is only rarely that academics from all parts of Canada, representing so many disciplines, can get together in an informal way. The opportunity for private dialogue over coffee between individuals is one of the most valuable benefits of the conference, he says.

The invitation to hold the 1984 Learned Societies Conference here was formally extended by the late president Donald Forster in March, 1980. Prof. MacNaughton was appointed conference co-ordinator last year. Since then he and a local organizing committee have done the initial planning for the conference.

A conference office was established in the MacKinnon building in September and Sarah Kolasiewicz was appointed assistant co-ordinator.

The logistics of dealing with 60 Societies is formidable. Each Society designates a program chairperson who organizes the program for the Society and provides estimates of requirements for such things as lecture rooms, audio-visual equipment and banquets. These and many other details have to be co-ordinated through a local representative who is a member of the University of Guelph community.

The conference schedule has now been worked out. Not all 60 Societies are on campus at the same time. Most are here for three or four days only and it is important that related associations are scheduled into adjacent time slots. By staggering the conference dates it is possible for any one Society to make contact with as many as 20 others, explains the co-ordinator.

The costs of organizing and running the conference are high and must be recovered, as far as possible, from delegate fees. "We are running a tight ship," cautions Prof. MacNaughton. "We are asking for and getting a great deal of co-operation from the academic and service units on campus, all of which are aware of the prestigious nature of

the conference and the need to keep costs in line. We are also getting a great deal of volunteer help and we shall be calling for more."

Preparation and control of paperwork is a major operation. It started with a questionnaire issued to all the Societies who attended the 1983 Learned Societies Conference at the University of British Columbia. The questionnaire, like every other document pertaining to the conference, was issued both in the English and French languages.

The Learned Societies Conference will also serve a civic function. Delegates will be encouraged to savor the quality of life in the City of Guelph. It is expected that a large number of delegates will visit restaurants, stores, art galleries and other points of interest in Guelph and surrounding area. The Guelph Spring Festival is arranging on-campus programs during the conference and tickets will be obtained for those who wish to go to the Stratford Shakespearean Festival.

Another feature of the Learned's will be a major book exhibition involving more than 40 publishers of academic literature.

These and other organizational problems were discussed at the National Planning Meeting which was held in the Arboretum in October. Acting Vice-President, Academic, Dr. Janet Wardlaw welcomed delegates and Prof. MacNaughton outlined scheduling, registration procedures, fee structure, guest speaker policy, daily programming and staffing requirements. Sarah Kolasiewicz spoke about plans for meeting room bookings and simultaneous translation. Gary Nadalin, Assistant Director of Central Reservations and Conferences, told delegates about residence availability in Lennox-Addington and Lambton Halls. Director of Food Services, Garry Round, described the campus eating facilities, procedure for banquets and receptions and transportation to and within the City. Child care and press and public relations were also on the agenda.

Guelph will have more than a full house next spring. On any one day of the Learned's, from 500 to 1,800 delegates will be on campus. Spring semester will also be in full swing and spring Convocation ceremonies coincide with the first week of the conference. "The Learned's is an interesting challenge, and it is unlikely that the University will have the opportunity to host it again this century. We aim to make this a memorable occasion," declares Prof. MacNaughton. □

**CITY WATCH** is a new civic affairs television interview show on Cable 8, hosted by Political Studies professors Fred Vaughan and Ken Woodside. City Watch can be seen every second and fourth Monday of the month from 7 p.m. to 8 p.m. on Cable 8.

The next show, December 12, will feature Alderman Rick Ferraro, a former Guelph student, discussing general political issues pertaining to the City of Guelph.



## Meeting of November 24, 1983.

Board of Governors looked to the future as it approved the *Inventions Policy* last week. Acting President, Dr. Howard Clark, said the document (see details front page) defines policy and procedures for some stage in the future when Guelph researchers come up with an invention or breakthrough — very probably in biotechnology — that will bring big dollars to the University.

Dean of Research Bill Tossell presented the Senate-approved document to the Board in January for approval. It was sent back for slight revision because the Board was concerned with lack of provision for the protection of the University in some moral and legal areas. It also sought clarification on some of the financial aspects.

## Forster Legacy

Dr. Clark noted that the will of Donald F. Forster has been probated. The late University of Guelph president has bequeathed \$40,000 to the University. The interest income earned on the bequest is to be designated at the President's discretion. The wish is expressed in the will that the funds be used for undergraduate scholarships. The family of the late president has also donated to the University the pine furniture in the President's House and his collection of Drenters sculptures. The Eskimo Art Collection is to go to the Macdonald Stewart Art Centre and the book collection to the University Library. The Board is to send a letter of appreciation to the Forster family.

## MOTIONS

### Student Health Plan

The Board approved that the Student Health Plan premiums be increased from \$8.90 to \$10.25 per semester for single students and from \$19.79 to \$22.77 per semester for a student family plan, effective January 1, 1984.

### Appointments

The Board approved the following appointments:

**OAC:** Dr. Ramesh Pall joins the School of Engineering December 1 as assistant professor. He fills an established position. R. Yada will join the Department of Food Science as assistant professor in an established position July 1, 1984. Mr. Yada is expected to obtain his Ph.D. by then.

**FAGS:** V.J. Roth will join the Department of Consumer Studies July 1, 1984, as assistant professor, contingent upon his Ph.D. degree. He will fill an established position.

**Arts:** Professor Eugene Benson, will be acting chairman of the Department of English Language and Literature January 1, 1984 to June 30, 1984, while Professor Doug Killam is on leave. □

# Introducing Dean Sells

## *CBS establishes strengths in molecular biology*

The new Dean of the College of Biological Science was "wanted" from the outset. As part of orientation last September, new students had to capture Dr. Bruce Sells as an item for their scavenger hunt.

That was one of the first introductions to the University of Guelph and its students for the biochemist from Ottawa who began his five-year term as Dean in August.

Dr. Sells comes to Guelph from Memorial University in St. John's, Newfoundland, where he taught for 11 years, except for a one-year sabbatical in Paris. He received his B.Sc. in chemistry and biology from Carleton and completed his M.A. in biochemistry at Queen's and his Ph.D. at McGill. He has also spent time teaching and researching in Europe, the U.S. and Canada.

At Memorial, Dr. Sells was associate dean of medicine, a position similar to being chairman of a large department. "I was responsible for only 240 students and, of course, there was a more defined area of study. Here, it's broader and there are about 1,900 students in the College."

Dr. Sells' appointment at Guelph is primarily administrative and secondarily for research purposes. Although he foresees eventually teaching some courses, he is currently involved in research but will give the occasional graduate lecture in nutrition or genetics.

Dr. Sells brought his research group, including four post-doctoral fellows and two graduate students, with him from Memorial University to continue work sponsored by the Medical Research Council of Canada, the National Cancer Institute and the Muscular Dystrophy Association of Canada.

His primary area of interest is molecular biology and the current research project involves studying how growth is controlled and how cells differentiate into different kinds, especially how muscle cells become muscle tissue.

"This work has practical applications for diseases like muscular dystrophy and cancer," he says. "By studying growth processes and learning to control them, we can perhaps find the answers to questions about cancers growing out of control. We are studying normal growth to attempt to define abnormal growth."

Part of the research involves working with tissue culture systems. "By perturbing the growth rates of cells by changing the nutrients in the growth solutions, we can study the molecular changes involved in the transition from one state of growth to another."

Dr. Sells is excited about the establishment of the Department of Molecular Biology in the CBS, recently approved by Senate (see News Bulletin 83 11 24).

The Department will provide a basis within CBS for a wide spectrum of studies ranging from molecules to animals and man, he notes. The new Department may ultimately have 10 faculty members, drawing on some from the genetics section of the current Department of Botany and Genetics, which will become the Department of Botany. The Department of Molecular Biology will offer undergraduate and graduate courses possibly beginning in the fall of 1984.

"Molecular biology has developed rapidly during the last few years as more tools have become available," explains the Dean. "Up until 10 years ago, most molecular biologists were asking academic questions of no apparent relevance to practical problems related to animal or human disease. The development of these new techniques has allowed investigators to isolate specific genes for proteins like insulin, which is important in the treatment of diabetes. We are now able to isolate the insulin protein, put it in a bacteria culture where it will grow and produce large amounts of insulin. Insulin and growth hormones can now be isolated in the lab rather than going to animal or human sources."

Proteins isolated from animal sources must be extremely pure to be used in humans. Producing the proteins in the laboratory provides greater purity and less chance of a negative reaction.

Molecular biology is also relevant to plant studies, according to Dean Sells. "One can develop new strains of plants or alter current strains by putting new genes into plants. The Department of Molecular Biology will provide a fundamental background for those applied areas such as crop science and horticultural science, in addition to providing consultation."

Dr. Sells is excited about working in a College as new as the CBS. He says there are discussions to expand the focus of the School of Human Biology and, in a few years, provide a new thrust for the Department of Botany. In the Department of Microbiology, there are stepped-up plans for recruitment and a developing interest in biotechnology, including such areas as fermentation and cell culture techniques.

He also stresses the importance of the interaction of the CBS with other Colleges. He has had discussions with the CPS about chemistry and physics training for CBS students. Dr. Sells holds a cross-appointment with the OVC as a professor of biomedical sciences and will be lecturing there. He is also interested in the OAC plant tissue culture group.

Getting used to the Deanship takes a while though, he admits. He spent his first month meeting people and inviting them into



Dr. Bruce Sells.

his office to talk. He's met more than 75 per cent of the faculty members here and been involved with students at orientation, scholarship presentations and student council dinners. "It's difficult to meet students when you are not involved in teaching," he admits. "Perhaps that will become one of my priorities once I am more firmly established." □

## Choir schedules tour

The University of Guelph Choir plans a 1984 tour of New York State, Vermont, Quebec's Eastern Townships and southern Ontario this spring.

Choir director Kathryn Laurin will take a 45-member group on a tour that will include participation in a choral workshop at the Eastman School of Music in Rochester, New York.

Faculty advisor, Consumer Studies professor, Dick Vosburgh, reports that the Choir has received support from the Alma Mater Fund and is also engaged in a number of fund-raising projects which do not include that old Choir favorite — cheese. Accompanist for the tour will be Mary Louise Vosburgh. □

### News Bulletin Schedule

The Christmas issue of the *News Bulletin* will be published December 15. Copy for this issue should reach the editor by December 8. There will be no issues December 22 and December 29.

The first issue in the New Year is January 5. Copy for this issue should be submitted by December 16. □

# Deans of veterinary medicine agriculture meet

What began many years ago as a social gathering has become an annual business item on the agenda for all deans of agriculture and veterinary medicine in Canada. This year 23 people, including associate deans and invited participants met at Guelph as guests of OVC Dean Doug Maplesden.

The decisions reached indicate the variety of the discussions. The members voted to establish a committee responsible for writing a position paper defining their relationship with CIDA. They named a representative to the Association of Faculties of Agriculture, discussed and suggested changes to the way grants are allocated by the Canadian Agriculture Research Council (CARC) and forwarded their concerns to the Council. They supported, in principle, a nation-wide study on agricultural extension, to be undertaken by Dr. H.R. Baker, division of extension and community relations, University of Saskatchewan. They also welcomed two new colleagues, Dean Roy T. Berg, Faculty of Agriculture and Forestry, University of Alberta, and Dean Marc J. Trudel, Faculté de sciences de l'agriculture et de l'alimentation, Université Laval, and a new member, Dr. Reg G. Thomson, Dean of the Atlantic Regional Veterinary College, University of Prince Edward Island.

With respect to CIDA, the group wants to establish an overseas committee to help release faculty members for CIDA-related work abroad without jeopardizing the functioning of college departments in Canada. In these highly specialized disciplines, Dean Maplesden explains, it is difficult to acquire sessional lecturers on short notice to fill the gap when regular faculty members take a term overseas. With long-range planning on the part of CIDA and reasonable lead time, colleges could release faculty members to CIDA under a full-time equivalent position arrangement, with CIDA paying the salary.

The support for Dr. Baker's study is said to reflect the importance placed on agricultural extension and the deans' concern that it should remain attuned to the times, taking into account the move to larger farms, more specialization and high technology.

Although the annual meeting of deans is now largely a working session, much of the camaraderie of those earlier social gatherings remains. At this year's event Dean Maplesden held a reception and Ontario Minister of Agriculture and Food, The Honourable Dennis Timbrell, gave a dinner in the deans' honor. But it is as a forum for discussion on curriculum, teaching, enrolment, direction of agriculture, provincial and regional problems and manpower as a vehicle for gaining assistance on a national scale that the annual meeting proves its worth these



*Deans of Agriculture and Veterinary Medicine in Canada — left to right, front row, Principal H.F. MacRae, Nova Scotia Agricultural College; Dean G.F. Hamilton, Western College of Veterinary Medicine; Dean W.D. Kitts, University of British Columbia; Dean R.C. McGinnis, University of Manitoba; OVC Dean Doug Maplesden; Dr. H.R. Baker, University of Saskatchewan. Middle row, OVC Acting Associate Dean, Dr. W.R. Mitchell; Dean R.S. Roy, University of Montreal; Dr. C.L'Ecuyer, Agriculture Canada; Associate Dean A. Dallaird, University of Montreal; Dean L.E. Lloyd, McGill University; Dr. J.H. Reed, OVC, Guelph; Dean M.J. Trudel, Université Laval; Associate Dean L. Siemens, University of Manitoba; Dr. B. Skura, University of British Columbia, and, back row, Dr. R. Halstead, Agriculture Canada; Dr. C.M. Switzer, Agricultural Institute of Canada; Associate Dean J. Richards, University of British Columbia; OAC Dean F.L. McEwen; Dean R.G. Thomson, University of Prince Edward Island; Dean J.A. Brown, University of Saskatchewan; Dean R.T. Berg, University of Alberta and Associate Dean G. MacKenzie, McGill University.*



*Seven College of Social Science students received the first-ever CSS graduate scholarships, established with seed money from the Alma Mater Fund. At the awards presentation were: front row, left to right, Maryanne Bodig, Guelph, geography; Valda Gillis, Willmot, Nova Scotia, sociology/anthropology; Terry Mills, Collingwood, Nova Scotia, economics and Mark McDonald, Timmins, political studies. Back row, left to right: Dean John Vanderkamp, Jan Adrian Van der Horst, Gelderland, Netherlands, geography; Brenton Salt, Thurso, Quebec, political studies, and Allan Kennedy, Guelph, political studies.*

The Macdonald Stewart Art Centre has received a grant of \$11,600 from the National Museums of Canada toward a special educational exhibition "A Visual Bestiary." The exhibition will focus on works of art with animals as subjects from the University of Guelph and Art Gallery of Hamilton collections.

Through subject matter of great appeal, an A to Z series of educational panels, a descriptive brochure and audio-visual program,

"A Visual Bestiary" will introduce a great range of artistic and stylistic concepts in the history of art.

Lynn Barbeau, curator of education at the Art Centre, and Sheila Greenspan, education co-ordinator at the Art Gallery of Hamilton, will co-produce the exhibition and educational program.

The grant is through the special activities assistance program of the museums assistance program of the National Museums of Canada. □

## Street named for late president Forster

A street in the planned University Estates subdivision of Guelph will be named in memory of late president Donald Forster.

The street will be an extension of Hands Drive and will link up with the easterly extension of Kortright Road. □

D.L.T. Smith

Many members of the University community will be saddened by the news of the death of Dr. Larry Smith at the age of 69 in Saskatoon.

Dr. Smith, a 1943 OVC graduate, was the first dean at the Western College of Veterinary Medicine at Saskatoon, University of Saskatchewan. He was also a life member of the Canadian Veterinary Medical Association. □



National Museums of Canada trustees visited the Macdonald Stewart Art Centre as part of a visit to southwestern Ontario museums. Left to right: Museums board of trustees chairman, Dr. Leo Dorais, Art Centre curator of education, Lynn Barbeau, Art Centre Director, Judith Nasby and Vice-President, Administration, Charles Ferguson, who is chairman of the Art Centre's board of directors.

## Visitor from abroad

Lajos Pinter

Dr. Lajos Pinter, Institute of Crop Production, Agricultural University of

of Crop Science for six months.

Dr. Pinter is a recipient of an NSERC international scientific exchange award, with Crop Science professor Bruce Hunter.

Dr. Pinter's area of research is maize production and physiology. While at Guelph he will be working on corn silage quality with emphasis on developing laboratory techniques for rapidly measuring silage quality.

Dr. Pinter is in Room 224, Crop Science building, Ext. 2510. □

## Engineering society to host poster session

The Canadian Society of Agricultural Engineering, in co-operation with the School of Engineering, is hosting a poster session Thursday, December 1 in the Albert Thornborough building.

This unique style of technical meeting is a first for engineers in the Ontario region. Professor Len Staley, University of British Columbia, and president of CSAE, will be visiting the campus in conjunction with the meeting.

The keynote speaker, Sharm Fossenier, president of the Ontario Centre for Farm Machinery and Food Processing Technology, will address the delegates at 7:30 p.m., Room 112A, on the role of the Centre in the development of new agricultural technology.

More than 15 poster presentations will be on display from 3 p.m. to 5 p.m. and following Mr. Fossenier's address. The agricultural mechanization students will be conducting a rubber band tractor pull demonstration at 5 p.m. □



Constitutional Democracy: Essays in Comparative Politics, a collection of essays in honor of political scientist Henry Ehrmann, has been edited by Political Studies professor, Fred Eidlin, and published by Westview Press. Left to right, Political Studies chairman, O.P. Dwivedi, and Prof. Eidlin discuss the publication with Acting President, Dr. Howard Clark, and CSS Dean, John Vanderkamp.

# FOCUS



## Football coach of the year

Tom Dimitroff has been named football coach of the year in the OUAA and it is typical of the man that he would rather have had an opportunity to replay the Guelph Gryphons' final losing game against the Toronto Blues. The fact that the Gryphons had scored decisive victories in the two previous big games over Western and Laurier was no consolation. After all, winning is what you are supposed to do!

Tom's greatness as a coach and the respect he enjoys from players and fellow coaches stems from the fact that he only has one standard — excellence. The only passing grade acceptable to him is an "A plus." Anything less suggests insufficient dedication, a state of mind of which he is an implacable enemy.

Fellow members of the Department of Athletics describe him as "intense" and "demanding." The intensity is immediately obvious to anyone who meets him. Tom is physically powerful — but the formidable musculature and the great bull neck are standard trademarks of football players. What Tom radiates above all is a wealth of psychic authority that packs even more punch than the menacing body.

Some men rule by fear, others by force of personality. Tom is clearly one of the latter. He does not just demand the best from his players, he elicits a determination to meet his uncompromising standards.

From Barberton, Ohio, Tom attended college at Miami and Ohio and went on to quarterback the Boston Patriots and the Ottawa Roughriders. His coaching career began at Miami, continued at Kansas State and he then went on to the CFL as offensive co-ordinator

of the Ottawa Roughriders. This included the 1976 season when the Roughriders walked away with the Grey Cup. Tom moved on to the Hamilton Tiger-Cats as head coach and left two years later in 1979 to become head coach of the Gryphons.

Since then the Gryphons have gone from strength to strength. Following their 1982 successful 5-2 second place final OUAA standing, the Gryphons entered the 1983 season with a first team that had just lost six all-stars. Undoubtedly it was Tom's success in rebuilding the Gryphons that earned him the coach-of-the-year award.

Building new teams is central to Tom Dimitroff's job. He has to be in close contact at all times with high school coaches, keeping tabs on potential star players, seeing them play, talking to them and persuading them that their future points to the University of Guelph. "It's a reciprocal function," he says. "Academic distinction and an exceptionally beautiful campus with a wealth of facilities helps attract the kind of athletes we want. The success of our athletes and the media coverage they enjoy keeps the University in the public eye and cannot help but have a positive effect on recruitment in general. People sometimes ask me what I do in the off-season. What off-season? In many ways that is the busiest time of our year."

Whatever passes as an off-season for Tom lasts at best only from November to the end of January at which time pre-season training starts again in earnest for aspiring Gryphon footballers. What Tom refers to as a "semi-mandatory minimum of three hours a week of weight-lifting, footwork and conditioning" begins for the players as part of an overall fitness/agility program designed to enhance physical and mental toughness and build team unity. This continues until the first week in April when training gets serious.

In the meantime, Tom will be doing his own homework, spending many hours studying films of important games, analyzing the strengths and weaknesses of individual opposing players and giving that meticulous attention to detail that distinguishes perfection from mere excellence. He can be forgiving of physical exhaustion but has little tolerance for mental mistakes, either his own or his players'.

Athletics Department Director David Copp describes Tom as "incomparably the best situation analyst I ever knew." His assistant coaches temper their accounts of the kind of demands he places on them and his players by recounting stories of the support they get from him and the loyalty they enjoy.

Born leaders do not have to be bullies and Tom Dimitroff is clearly a born leader □

## An Invitation

### To The 6th Annual University of Guelph CHRISTMAS PARTY

Friday, December 16, 1983  
Peter Clark Hall,  
University Centre

The Holiday Season is almost here. It's time to take a small respite from the hectic work schedules faced the rest of the year. It's a time to relax and socialize with people we see year round at work. It's time for the 6th Annual University of Guelph Christmas Party.

Plan to attend'

<b>Cocktails</b>	6:30 - 7:30 PM
<b>Dinner</b>	7:30 - 9:00 PM
<b>Dancing</b>	9:00 - 1:00 AM

Dance to the Music of Walter Ostentak  
Door Prizes  
Spot Dance Prizes  
and a very special visitor from the North Pole!

**\$11.50 per person**

LIMITED TO 2 TICKETS PER EMILY LOYLE UNTIL DEC. 1

FIRST COME, FIRST SERVED

**TICKETS ON SALE 8 A.M.**

Thursday, November 24, 1983  
at the Central Box Office,  
University Centre

No Telephone Orders  
No Table Reservations



## Psychology seeks male volunteers

Male volunteers between the ages of 35 and 50 years are needed for short laboratory experiments on the perception of driving risk.

The task involves viewing a videotaped sequence of driving situations and answering a questionnaire. About 45 minutes is required to complete the session.

Confidentiality and anonymity of responses and participants will be maintained. Volunteers will be provided with complete information on the results of the study on its conclusion.

For details and to arrange an appointment, contact Professor Michael Matthews, Psychology Chairman, Ext. 3666 or Andy Moran, Psychology, Ext. 8319. □

**THE PIANO STUDENTS** of Anya Laurence will perform Thursday, December 8 at 12:10 and 1:10 p.m. in Music Room 107, MacKinnon building.

At 12:10 p.m. Andreas Thiel, piano, will present a program consisting of "Sonata in E Minor, Op. 17" by Edvard Greig; "Two Intermezzi" by Johannes Brahms and "Vallee d'Obermann" by Franz Liszt.

At 1:10 p.m. the piano students of Anya Laurence will perform works for piano solo, piano duet and two pianos.

### Erratum

The report from Senate in the 83 11 24 *News Bulletin* said that the Keith Ronald Graduate Fellowship was for graduate study in CBS. It should have said: "for a graduate of CBS doing graduate study in some Department of the University of Guelph." □

## Inventions

*Continued from page 1.*

research licensing program. During the first 50 years of the program, that institution has raised more than \$26 million from 270 patents. However, only 43 of these produced royalties and only 14 yielded between \$10,000 and \$100,000. The rat poison, "Warfarin" (named for the Wisconsin Alumni Research Foundation) is one of four that brought in more than \$1 million. The income from these successes has been a big factor in support of graduate studies and research at Wisconsin and Mr. Dolynchuk points out that the Guelph program is structured to have the same result.[]

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## TECHNICAL ASSISTANTS

**Technician**, Crop Science, MTS IV. Salary range: \$338.98 - \$486.06. Job rate (level 5): \$392.02.

**Animal Health Technician**, Veterinary Teaching Hospital. MTS III. Salary range: \$287.53 - \$412.50. Job rate (level 5): \$332.20.

**Assistant Cook**, Food Services. Job rate: \$9.77. Probation rate: \$8.96. Open to on-campus employees only.

**Clerk 1**, Alumni Affairs and Development. Salary range: \$217.69 - \$312.97. Job rate (level 5): \$252.53.

## RESEARCH ACTIVITIES

**Professor J.C. Cairns**, Centre for International Programs, chaired an Ottawa meeting which initiated planning for the next annual general meeting of the Canadian Commission for UNESCO. This will be held in St. John's, Newfoundland in June.

Professor D. Josephy, Chemistry, presented an invited lecture "Role of Peroxidases in Chemical Carcinogenesis" at the Southern Ontario Carcinogenesis Group symposium held at McMaster University Health Centre. Prof. Josephy also presented this lecture at the biochemistry department, Sherbrooke University Medical Centre, and chemistry department, University of Moncton, and a lecture "Use of Electron Spin Resonance Techniques to Study Drug Metabolism" at Bishop's University, Lennoxville, Quebec during a recent tour on behalf of the Guelph-Waterloo Centre for Graduate Work in Chemistry.

Professor R.E. Vosburgh, Consumer Studies, presented an invited paper on "The Consumer Movement in Canada and Its Influence on Consumer Education" to the fifth International Consumer Education Conference held in Paris, France.

## University Canada

### Amend EPF says AUCC

The federal government should amend the Established Programs Financing Arrangements to ensure that federal funds transferred to the provinces in support of post-secondary education are spent in that sector, according to the Association of Universities and Colleges of Canada.

In an eight-page brief to the Royal Commission on the Economic Union and Development Prospects for Canada, the AUCC points out that universities are vital to the social, cultural and economic prosperity of communities, provinces and the country as a whole. It calls on the commission to press the federal and provincial governments to provide adequate levels of funding to post-secondary institutions over the long term.

The brief calls attention to the important role of the universities in research and development. It says the commission should recognize that nearly all researchers get their training at university, that universities must remain the focal point for much of the country's basic research, that support for basic research should not be allowed to fall below a minimally acceptable level and that the balance between basic and applied research should be carefully monitored.

The Association points to the need for a "coherent national research policy" and calls on the commission to set out specific corrective measures to guard against a potential shortfall of trained university researchers in the coming decades.

Canadian universities have been "successful to an extraordinary degree" in matching manpower supply with demand and they should continue to take current manpower forecasts into account when planning their programs, says the brief. However, AUCC cautions against undue interference in the planning process by groups outside the university.

According to the brief, out-of-province registrations of Canadian students represent less than 10 per cent of total enrolment. It says a broad program of federally funded bursaries and scholarships could lead to increased student mobility at the university level. It also urges the federal and provincial governments to encourage more foreign students to study in Canada.

# Next Week at Guelph

## THURSDAY, 83 12 01

Worship - CATHOLIC MASS, 1200, chapel, level 5, UC.  
**Apiculture Club** - LONG-TERM STORAGE OF QUEEN HONEY BEES, Dr. S.M. Shehata, 1710, Graham Hall, Rm. 200.  
**Drama** - ANTIGONE, 2000, Inner Stage, MacKinnon building.  
**Staff Development Opportunities** - FUNDAMENTALS OF LEADERSHIP, S. Baetz, 0900, UC441, Ext. 3058 to register.  
**Dance** - MASTER CLASS IN MODERN DANCE, Libby Nye, 1800, Ext. 2152 to register.  
**Sports** - WOMEN'S HOCKEY, York at Guelph, 2000, Athletics Arena.

## FRIDAY, 83 12 02

Friday Flicks - DR. DETROIT, 1930 and 2130, PS105.  
Worship - FACULTY CHRISTIAN FELLOWSHIP, 1200, Johnston Hall 157; MUSLIM PRAYERS, 1200, chapel, level 5, UC.  
**Psychology Colloquium** - THEORY OF PSYCHOSYNTHESIS AND ITS IMPLICATIONS FOR CHILDREN AND FAMILIES, J. Weiser, OISE, 1210, UC335.  
**Staff Development Opportunities** - FUNDAMENTALS OF LEADERSHIP, Stephen Baetz, 0900, UC441, Ext. 3058 to register.  
**Drama** - ANTIGONE, 2000, Inner Stage, MacKinnon building.  
**Sports** - VOLLEYBALL, Guelph at McMaster, 2000; WOMEN'S HOCKEY, Queen's at Guelph, 2000, Athletics Arena.

## SATURDAY, 83 12 03

**Sports** - VOLLEYBALL, Ontario Open, 0900, Toronto.  
Arboretum - WINTER'S WEEDS, 1300, J.C. Taylor Nature Centre.

## SUNDAY, 83 12 04

Hollywood Nites - THE MAN FROM SNOWY RIVER, 1930, WMH.  
Worship - ANGLICAN/UNITED, 1600, UC441; CAMPUS CHURCH SERVICE, 1030, PS113; CATHOLIC MASS, 1000, PCH.  
**Guelph Cycling Club** - MARYHILL, 1000, UC.  
**International Cinema** - THE DISCREET CHARM OF THE BOURGEOISIE, 2000, PS105.  
Sunday Afternoon Walks - WINTER'S WEEDS, 1400, J.C. Taylor Nature Centre.  
Lecture - THE NEUTRAL INDIAN IN WELLINGTON COUNTY, Ken Aldridge, 1400, Macdonald Stewart Art Centre.

## MONDAY, 83 12 05

**Staff Development Opportunities** - CPR HEART SAVER LEVEL, Norm Hinds, 1330, Blackwood Hall, Rm. 211, Ext. 3058 to register.

## TUESDAY, 83 12 06

### CLASSES END

Worship - CATHOLIC MASS, 1700, chapel, level 5, UC; CHRISTIANITY AND MARXISM, 1700, UC332.  
Our World - VISA STUDENTS AT GUELPH -- WHAT IS THE RIGHT MIX? 1210, UC441.  
Meeting - MICROCOMPUTER CLUB, 1900, ICS212.  
**Staff Development Opportunities** - CPR HEART SAVER LEVEL, Norm Hinds, 0830, Rm. 111, Blackwood Hall, Ext. 3058 to register.  
**Faculty Association** - EXECUTIVE MEETING, 1200, Faculty Club Board Room.  
**Continuing Education** - CREATIVITY, PROBLEM SOLVING AND INNOVATION, 0830, Ext. 3956 to register.  
**College Women's Club** - THE MEISTERSINGERS, 2000, Faculty Club, UC.

## WEDNESDAY, 83 12 07

Worship - CHRISTIAN DOCTRINE CLASS, 1700, UC334; IMMANUEL FELLOWSHIP, 1900, AS141; ANGLICAN EUCHARIST, 1210, UC301; CATHOLIC MASS, 1700, chapel, level 5, UC.  
**Chemistry Seminars** - NMR AT (GWC)2, R. Lenkinski, 1500, CM319.  
**Staff Development Opportunities** - CPR HEART SAVER LEVEL, Norm Hinds, 0830, Ext. 3058 to register.  
**Classes** - CITIZENSHIP ORIENTATION, 1930, 128 Woolwich St., Ste. 203.

**Continuing Education** - FINANCIAL MANAGEMENT FOR NON-FINANCIAL AGRIBUSINESS MANAGERS, 0830; PEST MANAGEMENT, 0800, Ext. 3956 to register.

**Convention** - CHRISTIAN FARMERS, 1000, PCH, details: 338-2921.

## THURSDAY, 83 12 08

Worship - CATHOLIC MASS, 1200, chapel, level 5, UC.  
**Graduate Seminars** - HORMONAL ASYNCHRONY AS A CAUSE OF REPEAT BREEDING IN CATTLE, A.P. Britton, 1110, Path220.  
**Guelph Field Naturalists** - MEMBERS NIGHT.  
**Staff Development Opportunities** - CPR HEART SAVER LEVEL, Norm Hinds, 0830, Ext. 3058 to register.  
**Concert** - PIANO STUDENTS OF ANYA LAURENCE, 1210 and 1310, Mack107.

## PERSONALS

### For Sale

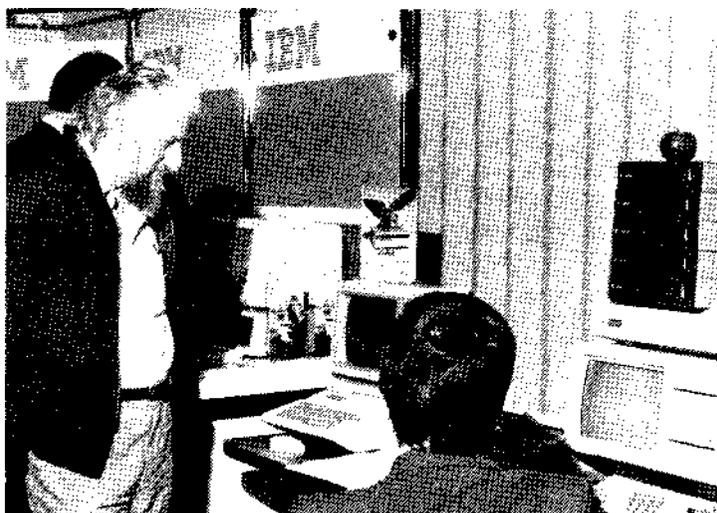
Mordaunt-Short English speakers, 2 pair Pageant, 2 pair Sennheiser headphones, 1977 LTD wagon, 824-6139; bunk bed or two singles with mattresses, 822-8622; 1972 Toyota Corolla, 837-0523 after 1730; antique chestnut trestle table, 822-3290 after 1800; renovated, 7-room century cottage in Flora, treed lot, garage, garden, 846-0064; Bateman limited edition prints, 824-5865; two snow tires, contact Pauline, 2401; two tickets for COC's Merry Widow, O'Keefe Centre, Jan. 13, 821-3941; set of bunk beds, 822-2498 after 1730; accordion, contact Gabrielle, 8716; 1974 Plymouth Duster, 822-9879.

### Wanted

Car pool to York University for faculty research team, 2662; trumpet, 822-6911 after 1700; bean bag chair, 658-9938 after 1800; cast iron cold air register, contact Dave, 3775; children's car seat, 822-6567; cross-country skis for 8-year-old, size 2 shoe, 821-3941.

### For Rent

Two bedroom apartment to sublet, available mid-December, Bryden apts, contact Gabrielle, 8716.



Art meets science at the second annual Institute of Computer Science micro-computer display. Professor Helier Robinson, Philosophy, left, discusses the Lisa microcomputer with Steven Faerman of Abacus Data Services.

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