

TECHNICAL SERVICES ON CALL TO UNIVERSITY COMMUNITY

Do you have a faulty floppy disk, a misguided "mouse" or a scatter-brained screen? Who do you call for these and other personal computer ailments?...The micro-computer bug busters - Technical Services.

According to Ernie Samulaitis, Director of Technical Services, the number of these calls is increasing as the micro-computer has become standard equipment on campus.

"Presently, the University is acquiring micro's and micro-computer related devices at the rate of about \$225,000 annually," Samulaitis said, adding that this has been the norm for the past two years. In

total, the department is responsible for the repair, maintenance and calibration of more than \$5 million worth of equipment which includes \$500,000 in micro-related devices.

Senior Technologist Ken Krebs and Technicians Doug Edge, Keith Smith and Raymond Lau now spend a majority of their time responding to trouble calls. The invasion of technology
See TECHNICAL SERVICES inside.

In Edition

APRIL 20, 1989

THE UNIVERSITY OF WINNIPEG

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THE KIDS ARE ALRIGHT

The premier screening of the video "The Kids are Alright," co-produced by the University's Infant Care Centre and Media Services, was judged to be "just right" by participants at the National Child Day-Care Conference, held in Winnipeg, Apr. 5 - 8.

The Infant Care Centre has since received requests from various groups across the country for copies of the video and more information about the centre.

Shown as part of the conference workshop "Creative Programming for Infants and Toddlers," the video presented an overview of the three components of the University's successful infant care program: training for caregivers, a respect and empathy for the development of infants, and a strong partnership with the parents. It also highlighted the centre's provisions for research and for special needs children.

Footage of facilities and children as well as interviews with caregivers, researchers and parents illustrated an



operation based on caring, understanding and sensitivity to individual development. According to Bruce Hanks, Director of "The Kids are Alright", video is a powerful visual medium, ideal for conveying these messages and emotions.

Gail Provinciano-Lippens, Director of the Infant Care Centre, said the video will be used as an introduction to prospective parents and to give an overview to a more general audience. At the conference, the video was a springboard for discussion.

In their workshop, Provinciano-Lippens along with Infant Care Worker Carla Kernsted explained the pro-

gramming philosophy for infants at The University of Winnipeg.

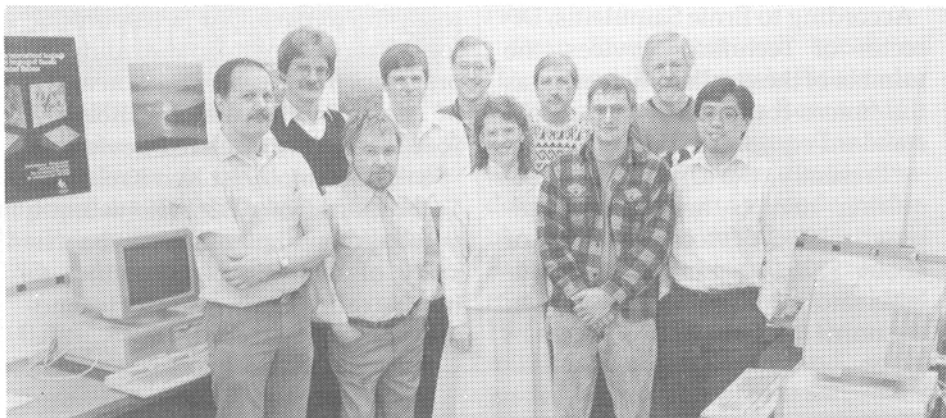
"Our function is to provide a stimulating environment and then let the child choose his/her experiences," Provinciano-Lippens said. "We gear our program towards the child rather than fitting the child into a structured program."

The other University of Winnipeg workshop "Integration of Children

with Differing Abilities" was presented by Ruth Schultz, Infant Care Worker, and Jamie Koshyk, Administrative Assistant at the Child Care Centre. This session focussed on the theme that all children, regardless of race, colour, gender or differing abilities, should be included in all activities.

The National Child Day-Care Conference, sponsored by the Canadian Child Day-Care Federation, was held at the Convention Centre and The University of Winnipeg. About 1,200 participants, representing every province and territory in the country, attended the four-day event.

APR 20 1989
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PERIODICALS DEPARTMENT
UNIVERSITY OF WINNIPEG
LIBRARY



Micro-computer bug busters: Technical Services staff.

TECHNICAL SERVICES

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logy into the workplace has also meant an increasing demand for instruction and support.

"The phenomenal acquisition of micro-computers has led to a lot of new people using them - people that need training and access to support," explained Samulaitis. "We do a lot of problem-solving with them over the phone."

While the number of micro-computers and users has increased dramatically,

the technology itself has been changing just as rapidly. "There is tremendous pressure on our department to keep current," Samulaitis explained. "It's essential our people do a lot of extra reading on their own, or else in six months, their knowledge could be just about obsolete."

The department also acts as a consulting service, recommending the type of equipment or program needed, writing technical specifications and then following through with installation and support.

In some cases, Technical Services, using the talents of Machinist Gavin Baird, adapts devices to meet specific needs or, if unavailable, starts from scratch by designing and/or building new equipment.

The department created, for example, a device for Biologist Rick Moodie's field research on the stickle-backs. Technical Services constructed an electronic device with sensors to enable Moodie to record the number of fish in a stream and which direction they were moving.

In the Education faculty, a program, using dBase III, was designed to facilitate the registration process. The program ensures that students are taking the required courses and timetables aren't overlapping.

The crew of Technical Services is rounded out by Gundars Reinfelds, Mike Dixon and Marvin Sommerhalder. Reinfelds supports all instrumentation in Chemistry, Dixon repairs and installs all computer terminals hooked to the mainframe and Sommerhalder repairs and supports all media-related devices.

SMOKING POLICY PROPOSED

The University of Winnipeg Workplace Safety and Health Committee has developed the following draft policy relating to smoking on University premises. Prior to making a recommendation for final approval of this policy, the committee is soliciting comments from members of the University community. Please forward any written comments you may have to Steve Coppinger or Marv Sommerhalder, co-chairs of the Workplace Safety and Health Committee, by no later than **Fri., Apr. 28.**

Draft Policy

Title: Smoking on University Premises
Effective Date: Phase I, Sept. 1, 1989
Phase II, Sept. 1, 1990

Purpose: The University recognizes that no individual has the right to pollute the air of others with any substance known to be hazardous to health. Exposure to smoke is a health hazard and all persons on the University's campus, whether students, staff or visitors,

have the right to breath clean indoor air. Scope: The restrictions and guidelines outlined herein apply to all University employees, students and visitors to the campus.

Responsibility: Every University employee and student is responsible for ensuring compliance with this policy. Smokers are expected to show courtesy toward and consideration for others.

Restrictions:

Phase I - Effective Sept. 1, 1989

Smoking is prohibited in the following areas, buildings and portions of buildings at the University including space rented or leased by the University:

- (1) All classrooms, seminar rooms, lecture theatres, studios, laboratories, study areas, libraries and reading rooms.
- (2) All conference rooms and meeting rooms, unless those present agree unanimously that smoking will be allowed.
- (3) All public reception areas. A public reception area is defined as any area used for the receiving and greeting of the public, students, employees or patients. This would include the reception areas of general faculty or departmental

offices, student organization offices and administrative offices.

- (4) All elevators and escalators.
 - (5) The Bookstore.
 - (6) All day-care centres.
 - (7) All service lines - e.g. registration.
 - (8) All athletic and recreational facilities.
 - (9) Shared offices or work areas in which one of the occupants so requests.
 - (10) All workshops in which flammable materials are used or stored.
- Tobacco products will not be sold on campus.

No smoking signs will be posted in appropriate areas.

Designated Smoking Areas:

In addition, smoking shall be restricted to areas so designated in University cafeterias, food service areas and employee and/or student lounges.

Private offices may be designated no smoking areas by the occupant.

Phase II - Effective Sept. 1, 1990

- (1) The University of Winnipeg shall remove the designated smoking areas, and all buildings of the University, including private offices and space rented or leased by the University, shall become totally smoke-free.

Research Profile

HIGH DENSITY AT THE HEART OF THE MATTER FOR PHYSICS PROFESSOR

What does "high density" mean to you? For many of us, the phrase describes our mental state when confronted with passing references to particle physics and general relativity. For Gabor Kunstatter of the Physics Department, high density is at the heart of the matter.

Kunstatter is working on an area of Quantum Field Theory (QFT), the principal theoretical basis for most contemporary work in particle physics. In particular, he is looking at one of the four fundamental interactions between the constituents of matter. The subject of his research is QCD Plasma and the strong interaction that holds the nucleus of an atom together at high densities (approx. 10^{14} gms/cm³) and high temperatures (approx. 10^{12} degrees K). These densities may occur only in dense stars or hypothetically, in the

early stages of the universe (in the first microsecond after the Big Bang). The inherent instability of such dense matter renders practical experimentation extremely difficult, so most research in this area occurs on a theoretical level.

Kunstatter, Dwight Vincent and Randy Kobes, The University of Winnipeg Theory Group, are therefore working within the realm of theoretical physics, an area that has been pursued at The University of Winnipeg only within the past five to 10 years. The traditional Canadian bias has been toward experimental physics, so Kunstatter and the Theory Group are working hard to promote research on QFT and relativity and to establish a Canadian presence within international work in this field.

To this end, Kunstatter has helped organize several QFT conferences in Can-

ada, sponsored by the Canadian Association of Physics, NATO's Scientific Affairs Division, and others. He is also actively involved in the upcoming 1989 Canadian Conference on General Relativity and Relativistic Astrophysics and is hopeful that Winnipeg will be the next host for this conference in 1991.

Despite its small size (only 10 full-time faculty), the Physics Department has an impressive national reputation. All eligible professors in the department are subsidized by the Natural Sciences and Engineering Research Council of Canada (N.S.E.R.C.) and Kunstatter himself currently holds his third five-year University Research Fellowship.

Closer ties in recent years with the University of Manitoba's Physics Department have assisted in bringing in guest lecturers, and the assistance of post-doctoral research fellows in theoretical physics should ensure increasing success for The University of Winnipeg's Physics Department.

by Mark Kilfoyle

(2) The University recognizes the need for education in this matter and endorses the concept of supporting employees and students who smoke and who are willing to participate in smoking cessation programs.

(3) All newly appointed employees shall be advised of the existence of this policy.

(4) Statements indicating that the University is a smoke-free environment shall be placed in all University publications intended for students (e.g. the Admissions Handbook, the University calendar, etc.).

Ben Wicks

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"Thank God. Another smoker."

POSSIBILITIES - THE OPPORTUNITY FOR A SAFE, JUST AND DISARMED WORLD

The Honour Society presents Stephen Lewis, Canada's former Ambassador to the United Nations and leader of the Ontario New Democratic Party from 1970 to 1978, on May 1 at 8 p.m. in Theatre 3C00.

Lewis's topic will be "Possibilities - The Opportunity for a Safe, Just and Disarmed World."

Stephen Lewis, son of former NDP federal leader David Lewis, began his political career in 1963 at age 25 when he became one of the youngest members ever to sit in the Ontario Legislature. Since then, he has repeatedly distinguished himself as an outspoken politician fighting for human rights.

In 1983, his CBC radio documentaries on the Holocaust in literature and film won him a human rights award. He has since won two other human rights awards.

During his tenure at the UN from 1984 to 1988, Lewis spoke against injustices of both the right and left and was an outspoken critic of the Soviet invasion and occupation of Afghanistan and the atrocities committed there.

Africa was also a top priority for Lewis in the UN, culminating with his appointment as the Advisor on African Affairs to UN Secretary General Javier Perez de Cuellar.

This past year Lewis has been the Barker Fairley Distinguished Visitor in Canadian Culture at University College, University of Toronto, and next year he'll join the University's Faculty of Law as a special lecturer.



Stephen Lewis, Canada's former Ambassador to the United Nations, will be on campus May 1.

COMING EVENTS

FRI., APR. 28 - SUN., APR. 30

- **Manitoba Schools Science Symposium.**

MON., MAY 1

- The University of Winnipeg Honour Society presents guest speaker **Stephen Lewis**, Canada's former Ambassador to the United Nations, at 8 p.m. in Theatre 3C00. His topic will be "Possibilities-The Opportunity for a Safe, Just and Disarmed World." Admission is free, but reservations are required. Please call Judi Hanson at 786-9762.

MON., MAY 1 - TUES., MAY 2

- **Women in Science Conference.** For further information, please call the Manitoba Department of Education at 945-7973.

SAT., MAY 13

- The University of Winnipeg's Alumni Association will be holding its **Reunion/Annual Meeting Dinner** 7 to 10 p.m. in Riddell Hall. Reception/art exhibition from 6 to 7 p.m. Entertainment at the dinner will be provided by the Easy T's. Tickets for the

evening are \$19 and may be purchased through the Office of Alumni Affairs, Room 4W16, 786-9872.

WED., MAY 24

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

FRI., MAY 26 - SAT., MAY 27

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

SUN., JUNE 4

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

TUES., JUNE 27

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

CONVOCATION BULLETIN

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

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

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

WHAT GOES UP... SHOULD COME DOWN

Just a reminder: All posters that are displayed around campus for specific events should be removed when the event is over.

SUMMER HOURS

LIBRARY - From Apr. 25 to Aug. 18: Mon. - Thurs., 8 a.m. to 10:45 p.m.; Fri., 8 a.m. to 4:45 p.m.; Sat., 10 a.m. to 4:45 p.m.; Sun., closed.

From Aug. 19 to Sept. 11: Mon. - Fri., 8 a.m. to 4:45 p.m.; Closed Saturday and Sunday.

BOOKSTORE - From now through August, the University's Bookstore will be open Mon. - Fri., 8:30 a.m. to 4:30 p.m.

ATHLETIC CENTRE - Hours will remain the same during the summer: Mon. - Fri., 7:30 a.m. to 10 p.m.; Sat. & Sun., 9 a.m. to 10 p.m. Phone-in reservations for racquetball and squash courts will be accepted from 9 to 11 a.m. each day until Aug. 15.

FOOD SERVICES - Riddell Cafeteria will be open until June 30: Mon. - Thurs., 7:30 a.m. to 9 p.m.; Fri., 7:30 a.m. to 4 p.m.

From July 3 to Aug. 18: Mon. - Fri., 7:30 a.m. to 4 p.m. The cafeteria will then close for the last two weeks of August and re-open on Sept. 5.

- Both the 4th floor *Centennial Buffet* and the main floor *Lockhart Buffet* will be closed throughout the summer.

- *Tony's Canteen* in Wesley Hall will continue its regular hours, Mon. - Fri., 8 a.m. to 4 p.m., throughout the summer.

- Tentative hours for the *Faculty and Staff Club*, Wesley Hall, in May and June: Mon. & Tues., 9:30 a.m. to 5 p.m.; Wed. - Fri., 9:30 a.m. to 7 p.m. (The Club facilities may be reserved outside these hours by calling Bob Axworthy at 774-8125.) Hours for July and August will be announced.

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Comments, suggestions and submissions are welcome. (All material is subject to editing.) The copy deadline for the next issue is Apr. 27.

Please note: The last regular issue of *In Edition* for this academic year will be published on May 17.