

MEDIA NEWS

Send news items for this column to:

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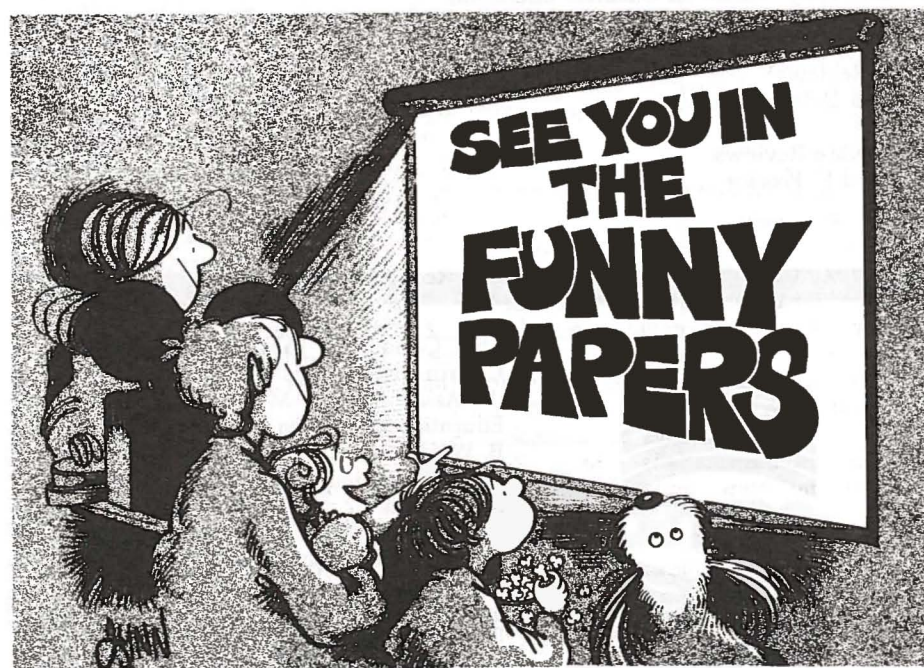
American Journal gets Canadian Editor.

The prestigious ECTJ (Educational Communications and Technology Journal) . . . the major publication of the Association for Educational Communication and Technology (AECT) . . . has selected University of Calgary professor Bill Winn as its new editor. Dr. Winn is an active AMTEC member and has often contributed to CJEC.

The Art of Television

The University of Manitoba has just concluded a successful eight week run of a short course entitled the Art of Television for 10-15 year old students as a part of that university's mini-university. The mini-university is a non-credit program for young people which provides exposure to university level subject matter coupled with career guidance information and physical education activity. The Art of Television course introduced students

Now available for preview from your local NFB office



A film about Lynn Johnston
Produced by the National Film Board of Canada

National Film Board of Canada
Office national du film du Canada

to visual literacy and television production concepts. The course was taught by Jim Braun, and developed by Terry Kolomeychuk, NFB (Winnipeg), Patricia Blackburn (Manitoba Department of Education), and CJEC editor Denis Hlynka.

AMTEC Conference set for London Ontario

London, Ontario has been selected as the conference site for AMTEC 84, hosted by SOMA, the Southern Ontario Media Association. The theme of the conference is A KALEIDOSCOPE OF MEDIA. Watch this space for more information, or contact the conference chairman, Ed Crisp at the University of Western Ontario. Conference dates are June 17-20, 1984, so mark your calendar now!

Courses in Educational Technology

The popular AMTEC publication **Courses in Educational Technology** is once again available in a new 1983 edition. Dr. Gar Fizzard, of Memorial University has once again edited this document. Forty universities and colleges across Canada are listed and their media/technology programs described.

Courses in Educational Technology is available free of charge to AMTEC members upon request. Price to non-

AMTEC members is \$5.

AMTEC members will be interested in watching for a similar booklet which will focus on computer courses in Canada. This latter project will be co-ordinated through the University of Saskatchewan.

For your copy of **Courses in Educational Technology**, write to
Gar Fizzard,
Center for Audiovisual Education
Memorial University of Newfoundland
Arts/Education Bldg.,
St. John's, Newfoundland, CANADA
A1B 3X8

Research study examines teacher attitudes to new media

A just-released study by Leonard Proctor as part of the requirements for his doctorate titled "Student teacher utilization of instructional media." presents a fascinating glimpse of how Saskatchewan teachers view media in education.

The question of media utilization by student teachers is important because of the inherent assumption that teacher-training practices will influence how teachers teach their future students. A major goal of this study was to begin to provide some base line information on what media student teachers use, how they employ learning resources to achieve their pedagogical intents and what factors are present in the school setting to influence the student teachers' selection or nonselection of media.

Data for this study were accumulated from nineteen student teachers who were completing their student teaching requirements for teacher certification in the Province of Saskatchewan during the 1981 fall term. The examination of student teacher lesson plans, in addition to the observation of student teacher taught lessons, was regarded as being important because plans for teaching represent the distilled essence, in observable form, of a student teacher's judgment and decision-making processes.

For every ten lessons taught by student teachers, six did not use any media, three used nontextbook instructional learning resources based primarily on paper based (low) technology, one lesson used media that required hardware for its presentation (intermediate technology) and no lessons were taught using any form of computer-based (high) technology. Secondly, the main perceived value of media by student teachers is as an aid to instruction. Student teachers used media primar-

COMPUTER NEWS

This column is intended to be mainly a vehicle for informing members of current happenings on the Canadian and international educational computing scene. If you have news items you would like to submit, please forward them to:

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Calgary, Alberta
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Bionic Beaver out of the Woods with Ontario Support?

For those who may not yet have heard, the province of Ontario has helped resurrect the Canadian Educational Microcomputer Corporation or CEM Corp. (see the Computer News Column in the March 1982 EDUBUS) by entering into a contract with the corporation to purchase \$110 million of its microcomputer equipment for distribution to Ontario schools. Schools wishing to purchase these systems will receive assistance of up to 75 percent of the manufacturer's contracted price. As well, \$2 million of the funds allocated will be used to develop and test prototype systems in Ontario's schools beginning this fall. This development was originally to have occurred last year but ran aground because of CEM Corp. difficulties.

The major reason for the Ontario government supporting CEM Corp. is, ostensibly, that no other computer manufacturer has agreed to design built-in-Ontario equipment which meets the standards for an educational microcomputer established by the Ontario Ministry of Education (An extensive article about this issue appeared in the August 4, 1983 issue of **Computing Canada**).

These standards call for a "Standard Student Microcomputer", based on a 16-bit electronic architecture with 128 K or RAM that can be expanded to 256 K, and an "Advanced Student Microcomputer", based on a 32-bit architecture with 256 K of RAM, expandable to 1024K. In addition, the systems will include a control storage facility called "File server", containing a floppy and hard disk drive, with 256 K of RAM, local area network interfaces, and specified high resolution colour and monochrome video display terminals. A voice synthesizer and tone generator, a text processor, a Telidon graphics package and seven pro-

gramming languages are also specified.

Ontario will also be investing a considerable amount of money to encourage the growth of an educational software industry in the province to produce courseware compatible with the CEM Corp. microcomputer. Through the provincial Board of Industrial Leadership and Development, \$1.3 million has been provided for 1983 to set up an advisory body to identify and assign a priority to educational software needs and to initiate other activities. Funds of \$5.46 million, increasing to \$10 million in 1986, will be used to provide developmental grants to producers and to purchase licenses from producers to allow unrestricted use of materials in Ontario.

Quebec to Leap into Educational Computing

The government of Quebec recently announced a massive investment in educational computing to bring that province into the forefront of the technology. It plans to invest \$150 million over the next five years to place microcomputers in classrooms and to produce high quality software written in French. Part of the funding is to be used to provide approximately 32,450 microcomputers — 16,000 for primary schools, 9,600 for high schools, 2,850 for the CEGEPS (which are a blend of junior colleges and vocational schools) and 4,000 in universities. The province will be following a "Buy Quebec" policy and will negotiate framework contracts with hardware manufacturers already in Quebec. As well, contracts are to be let out for the development of French courseware.

Alberta Education's Task Force Report Released

Computers In Schools, the report of the Alberta Minister of Education Task Force on educational computing, was released last June. The report provides an update on the use of computers in education in Canada and the U.S., considers the state of education in Alberta and where computers fit in, and makes an extensive series of recommendations — 48 in all! Among the recommendations are:

Recommendation #3

That all students graduating from the Faculties of Education of Alberta's Universities after July, 1986, be required to have completed a computer literacy course.

Recommendation #9

That an inservice program be developed and funded by Alberta Education, local jurisdictions, and the teaching profession to offer every practising teacher and educational administrator in Alberta the opportunity to learn the fundamentals of educational computing. Further, that implementation of an inservice program begin before the end of the 1983-1984 school year.

Recommendation #15

That Alberta Education continue to operate a central courseware clearinghouse and that all endorsed courseware meet Alberta Education's established standards.

Recommendation #17

That the Government of Alberta encourage the development of a courseware industry and this encouragement be in the form of incentives, funding assistance, and shared research.

Recommendation #24

That Alberta Education develop and establish standards for the acquisition of computer hardware according to proposed application and that these standards be reviewed annually.

Recommendation #33

That Alberta Education develop a comprehensive, strategic provincial plan for educational computing, which shall be reviewed at least once per year.

Recommendation #37

That Alberta Education establish an Educational Computing Branch within the Program Development Division of the Department.

Recommendation #43

That the Government of Alberta establish an Alberta Heritage Foundation for Educational Computing to provide funding support for the recommendations of this report.

For copies of the report, write to: The Computer Technology Project, c/o Alberta Education, 11160 Jasper Avenue, Edmonton, Alberta, T5K 0L2.

Silicon Valley Systems Donations

SVS, producer of Wordhandler has increased the amount of their software donations to schools (Canadian as well as U.S.), private or public, K to college, from

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