



# Newsletter

Number Seven

May 1987

## STV 100 WINDS UP WITH STUDENT DISPLAY

At the final session of STV 100 on 31 March, students set up a display of media journals and posters on topics they had selected earlier in the term. Working in small groups of 2 or 3, the 35 students in the class tracked down for their media journals print articles, TV programs, etc., on such concerns as expert systems, scientists in military research, medical technology and bioethics, workplace automation, computers in education, and computer art. They also prepared posters to convey graphically the main thrust of their topics. Instructors rated and discussed the final products, and the students themselves also commented on each other's work.

"A number of the 'graduates' of STV 100 plan to continue in the STV option and will be back for STV 200 in the fall," says option coordinator Sally Lerner (ERS). In STV 200, student teams will work with various professors and resource people.

Some stats on STV 100. Registered: Males: 31. Females: 4. Faculties: Arts, 5; Eng, 22; EnvSt, 5; Math, 2; Science, 1. No HKLS students. Those taking the course were from all years, with first year (15) and third year (12) predominating.



STV 100 students Ray Manninen (left) and Dave Small, both in Systems Design, check out an STV 100 project.

### CSTV GETS A HEFTY FOUNDATION GIFT

The Centre has recently received a \$30,000 gift (\$10,000 a year for three years) from the George and Helen Vari Foundation. The Centre's interests fit well with two areas that the Foundation is now singling out for special attention--the "Humanization of Man's Environment" and Technology and Education. The Varis, who came to Canada from Hungary after WW 2, contend that rapid technological developments are creating a tendency in educational institutions "to narrow fields and perspectives" and "to undervalue the broad cultural values that lie at the heart of our society." They urge that new educational initiatives be developed in order to ensure "greater harmony between a technologically influenced labour market and the training of young people."

"This gift will make it possible for the Centre to bring researchers in society, technology and values to our campus in order to share their insights with us," says CSTV Director Russel Legge. The Vari funding will also be used for a Spring 1988 Conference that the Centre is planning--see story in this issue.

George Vari, an architect and engineer, is chairman of Sefri Construction International.

### CSTV AND ONTARIO SCIENCE CENTRE--POSSIBLE LINK?

Patrick Anderson, an instructor with the Ontario Science Centre, has recently contacted CSTV about the possibility of a link-up between the two organizations. Anderson and his teaching unit colleagues have asked CSTV to conduct a workshop on society, technology and values issues for Science Centre staff.

"The interest that the Science Centre is showing," notes CSTV Director Russel Legge, "is indicative of a growing need that many educators are expressing for a better understanding of what it is to be a technological society and for ways to involve students in discussing the issues."

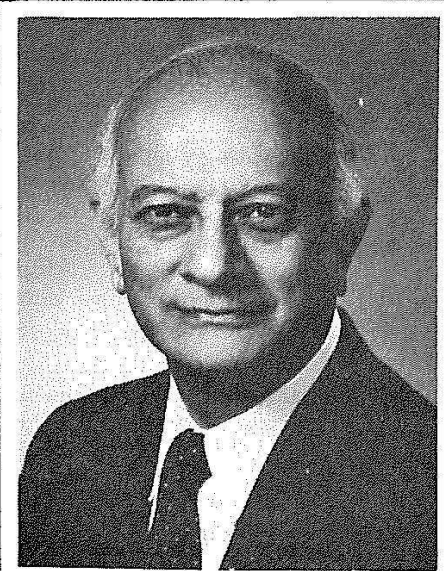
### SALLY LERNER WINS DISTINGUISHED TEACHER AWARD

STV 100 Coordinator Sally Lerner (ERS) is one of three winners of UW's Distinguished Teacher Award for 1987. As reported in the UW Gazette (24/3/87) Lerner was cited as "an outstanding classroom teacher" and as having "contributed much to the development of new and innovative courses." Her ability to motivate students to "translate from the classroom to the outside world" was also noted. Congratulations, Sally!

---

RUSTUM ROY, US SCIENCE POLICY CRITIC,  
VISITS UW

On Thursday, 2 April Dr. Rustum Roy, Director of Pennsylvania State University's Science, Technology and Society Programs, was on campus as a guest of CSTV. He posed a sharp question--"Is American Science Policy the Enemy of American Technology?"--and gave it an equally sharp, affirmative reply. Using about three dozen visuals, Roy traced the problems of today's US science and technology policy--or lack of policy. His talk centred on six "root causes" of these problems: the "religious" dogma that "basic science is best" and inexorably leads to technology; the individualistic bent of science ideology; the role of Wall Street; media hype (scientists can do no wrong, basic science makes for a better life for all); the involvement of the defence industry; and the "disastrous state" of science education. About 15 UW people attended, and they would agree that Roy's dynamic presentation style provided at least as much color as the visuals did! Discussion started during the morning session and continued on through lunch.



RUSTUM ROY:  
American Science  
Policy is the  
Enemy of  
American  
Technology

The best account of Rustum Roy's views is given in his recent publication (co-authored with Deborah Shapley) called Lost at the Frontier: US Science and Technology Policy Adrift (Philadelphia: ISI Press, 1985). The book presents virtually the same argument (almost as vividly) as he gave here but with further elaboration and greater historical detail. Copies will soon be available at the UW Bookstore.

CENTRE TO CONDUCT SURVEY AND SOLICIT PROGRAM IDEAS

A brief survey questionnaire and suggestion form will soon be received by everyone on the Newsletter's UW mailing list. The questionnaire invites comments on the Centre's usual range of events and the suggestion form asks for ideas (speakers, colloquium topics, etc.) for next year. Responses will help shape the Centre's 1987-8 program of events, the aim being to have the program in place by September.



---

"CONNECTIONS"--POPULAR FILM SERIES RETURNS THIS SPRING

The acclaimed BBC/Time-Life film series "Connections" will be shown again on campus this spring. The 10-part color series traces the "surprising, strange and even incredible" chains of circumstance showing the interdependence of modern inventions as well as the relationship of past and present technologies. Series host is the irrepressible James Burke. Last year more than 100 students, faculty and staff attended the weekly noonhour screenings. Organizer Carl Thompson (Civ Eng) is looking for an equally good turnout this time around.

Sponsors will again be CSTV, the Sandford Fleming Foundation, and the Deans of Science and Engineering. The series will start Thursday, 14 May at 11:30 a.m. in EL 101. CSTV members will receive a complete schedule in the mail. More information: Carl Thompson, ext. 3553.

HARVARD PHILOSOPHER OF SCIENCE AND EDUCATION COMES TO UW IN MAY

Noted Harvard philosopher Israel Scheffler will be on campus this month to discuss "Computers at School?" (Friday, 22 May) and "Making and Understanding" (Saturday, 23 May). In addition he will be available for informal discussions at times TBA. Sponsors for Scheffler's visit are CSTV, Sociology, Philosophy, and St. Jerome's.

Scheffler is the Victor S. Thomas Professor of Education and Philosophy at Harvard, where he's taught since 1952. Among his many publications are Philosophy and Education (1958), The Anatomy of Inquiry (1964), Science and Subjectivity (1967), Reason and Teaching (1973) and Of Human Potential (1985).

CANADA TO MARK "HIGH TECHNOLOGY WEEK"

The federal government has designated 28 Sept. - 4 Oct. as Canadian High Technology Week. (At least these dates are one version of when the Week will occur--another source says 21 - 25 Sept.) The government is encouraging university, business and community groups to plan trade shows, conferences, or other events to mark the Week. Planning is underway for one such event, a national conference on "Educating for a Technological Society" to be organized by the Canadian Advanced Technology Association. The conference will deal with "science and technology in the educational system from primary school through to the need for upgrading the knowledge base and skills of graduates following their entry into the workplace." At press time it's not clear what role UW will have in the discussions. More details: Roy Woodbridge, President, CATA, 275 Slater St., Ottawa, K1P 5H9. Phone: (613) 236-6550.

---

---

CALENDAR      April - September 1987

1 - 3 May

"Show and Tell"

Ontario Universities Instructional Technology  
Event, University of Guelph

Papers, posters, demonstrations, discussion

Registration: \$15 (one day), \$5 each additional  
day. Registration forms and general information  
are available from CSTV. More info: Elizabeth  
Black, Office for Educational Practice, Blackwood  
Hall Room 200, U. of G. Phone: (519) 824-4120,  
ext. 2427.

14 May - 16 July  
11:30-12:30 p.m.  
EL 101

CONNECTIONS Film Series

Thursday noonhour series (10 episodes). See  
story this issue.

Sponsored by CSTV, Sandford Fleming Foundation,  
Deans of Science and Engineering

Info: Carl Thompson (ext. 3553)

22 May

Computers at School?

Israel Scheffler, Harvard University  
HH 334, 3:30 p.m.

Sponsored by CSTV, Sociology, Philosophy, St.  
Jerome's

Info: Jim van Evra, Philosophy (UW ext. 2639)

23 May

Making and Understanding

Israel Scheffler, Harvard University  
HH 334, 2 p.m.

Sponsored by CSTV, Sociology, Philosophy, St.  
Jerome's

Info: See above entry

21 - 25  
Sept. (or  
28 Sept. -  
4 Oct.)

Canadian High Technology Week

See story in this Newsletter

---

---

SOCIAL RESPONSIBILITIES CONFERENCE PLANNED FOR SPRING '88

If you're so well organized that you already have a 1988 calendar, mark 17 - 19 March! These are the dates for a conference on the social responsibilities of professionals that is now being planned by CSTV consultant Kelly Gotlieb. In a recent letter testing response to the theme, Gotlieb says the event will bring together groups "that are associated with various professional organizations and that attempt to heighten the awareness of their members about ethical and other issues." Such groups exist in the medical, legal, computer science and engineering professions, says Gotlieb, and "in many other societies and organizations centering on a particular discipline." More details will be available in the Fall 1987 CSTV Newsletter.

OTHER NEWSNew Centre Brochure Available

Keep copies on hand for use and distribution among colleagues and new contacts. The brochure saves you having to write something from scratch when you need to describe the Centre's activities. Call Ann Dunnet for a supply--ext. 6215.

Special Thanks to Ann Dunnet

After seeing CSTV through its first two years, Administrative Assistant Ann Dunnet is leaving to continue her duties with UW's Economic Development Program. She's been associated with the Economic Development Program since 1976. From Larry Haworth, Russel Legge, Steve Jones, and all CSTV supporters: THANKS, ANN!

Please Note:

A propos the above item, Ann will be the CSTV office contact person until 30 April. After that date, calls to ext. 6215 will get you Dr. Russel Legge, the Centre Director.

NEWSLETTER PRODUCTION

Editorial and Design: Steve Jones  
Production Assistance: Ann Dunnet and Sharon Jones

News items are eagerly solicited for the next issue.  
Call Ann Dunnet at the CSTV office--UW ext. 6215.

---