



INNOVATIS



V-Chip Technology Conquers the Continent

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It may have taken longer than expected, but V-Chip technology has finally conquered the marketplace.

“By January 2000, the US passed a law ordering broadcasters to encode their programs and requiring TV sets to be equipped with V-Chips. That’s roughly 25 million TV sets (per year),” says TechBC professor and inventor, Tim Collings.

While the US market was quicker to adopt the V-Chip, a device that allows control of what programs are viewed, Canada was much slower to incorporate the new technology.

Canada still has not made the device mandatory, but nearly all new Canadian sets include it anyway.

Broadcasters here also have cooperated by providing the necessary program encoding.

“That happened by February of last year,” says Collings.

More recently, Brazil has passed legislation making the V-Chip mandatory, while Europe continues to deliberate the issue.

The idea for the V-Chip first came to Collings in 1989 and by 1995 the technology was fully functional and ready for the marketplace.

In 1996, Collings won the Manning \$100,000 Principal Award for the invention of the V-Chip — recognition that he says helped gain him credibility and exposure.

The rest, as they say, is history.



Tim Collings, \$100,000 Principal Award Winner

Today, Collings continues to teach at the Technical University of British Columbia (TechBC). He’s also working on developing the specifications for V-Chip integration into the next generation of digital TV sets. Clearly, V-Chip’s time has arrived.

“In the end, it took a lot longer because of politics,” Collings says, “but I’ve still enjoyed it and there are no regrets about the politics or the business side of things.”

Thanks to Our Selection Committee!



L-R: Dr. Frank LeBlanc (Committee Chair), Dr. Bob Fournier, Dr. Carol Beatty, Dr. Sharon Wood-Dauphinee, Dr. Roger Blais, Dr. Tom Calvert (missing from photo: Ms. Ida Albo)

“Behold, I do not give lectures or a little charity.

When I give, I give myself.”

— *Walt Whitman*

Since the Awards program began in 1982, an average of 84 submissions have been received each year.

Annually, the Manning Innovation Awards Selection Committee has the difficult task of choosing the Foundation's current Award winners.

This seven-member volunteer Committee brings a wealth of experience and knowledge to the evaluation and selection process.

Comprised of established leaders from a variety of disciplines across the country, the Committee members spend many hours independently

evaluating the merits of the submissions.

Then the Committee meets as a group for the final deliberations that lead to the selection of the yearly winners.

Thanks to this Committee, many innovative Canadians have received the recognition they richly deserve.

The Manning Innovation Awards, named in honour of the late Ernest C. Manning, former Alberta Premier and Canadian Senator, was incorporated as a not-for-profit society in 1980 to stimulate, encourage and reward deserving Canadian innovators for their personal accomplishments that have widespread social and economic benefit to Canada.

The annual program continues today with a \$100,000 Principal Award, a \$25,000 Award of Distinction, two \$10,000 Innovation Awards and the \$20,000 Young Canadian Innovation Awards program, shared among eight exhibits selected from entries in the senior division of the Canada-Wide Science Fair.

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We're On The Web
www.manningawards.ca

Meet Our Generous Sponsors



EnCana Corporation, the world's largest independent oil and gas company after a recent merger between Alberta Energy Company and PanCanadian Energy, will continue its corporate support for the Manning Innovation Awards.

EnCana's significant sponsorship includes office facilities and support services, which have been supplied since the inception of the program in 1982.

In addition, EnCana continues the tradition, inaugurated by AEC, of sponsoring a major portion of the Manning Young Canadian Innovation Awards.

To AEC, thank you for the past support. To EnCana, congratulations on the exciting achievement of the merger, and welcome.



**CanWest Global
Communications Corp.**

Southam Publications Inc., a CanWest Company, continues its support of the Manning Innovation

Awards through its sponsorship of the CanWest Global Communications Corporation \$25,000 Manning Award of Distinction.

Participating Southam newspapers publicize the annual Award winners as well as the Foundation's "Call for Nominations."

The Edper Foundation

The Edper Foundation sponsored the commemorative 20th Anniversary Innovation Award in 2001 and continues this year with sponsorship of The Edper Foundation \$10,000 Manning Innovation Award.



Petro-Canada is one of the largest integrated oil and gas companies in Canada and a significant international organization.

With a strong reputation for ethical conduct and corporate citizenship, Petro-Canada continues to be a long-term supporter of the Manning Awards program through its sponsorship of two \$4,000 Young Canadian Innovation Awards.



Scotiabank, an outstanding member of the banking community, continues to be a valued supporter of the Manning Foundation through its generous sponsorship of the Foundation's Annual Awards Dinner.



TransAlta's corporate culture is based on the belief that good corporate citizenship will build stronger communities — a belief that sets an enviable standard for other corporations to follow.

As an example of this, TransAlta is the distinguished sponsor of the Preston Manning \$100,000 Principal Award.



The Westaim Corporation is a supporter of the Foundation through sponsorship of the Westaim \$10,000 Manning Innovation Award.

A technology accelerator, Westaim ensures its investments have marketplace leadership, strategy and capital.

"A civilization flourishes when people plant trees under which they will never sit."

— Greek proverb on the value of philanthropy.

New Regional Committees Launched

Manning Profile Stretches From Coast To Coast

For the past 20 years, outstanding business leaders and distinguished scholars and scientists have freely donated their time in support of the Ernest C. Manning Awards Foundation with the goal of celebrating and recognizing innovative Canadians.

Now, in an effort to enhance the Foundation's connection within the community, we are very pleased to welcome a number of new volunteers.

As members of the newly developed Regional Committees located in Halifax, Winnipeg, Saskatoon and Vancouver, their efforts will be much appreciated by the Foundation.

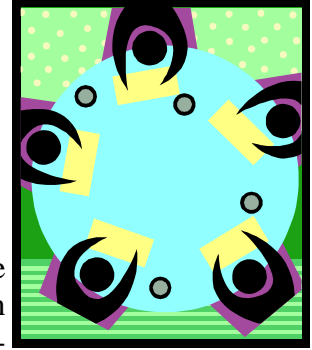
This new initiative, approved during the Foundation's Strategic Planning Session, will result in a greater

profile for the Foundation in local communities.

Regional Committees will also help to further develop the culture of innovation and promote the submission of high quality nominations for the Awards program.

Additional Regional Committees are in various stages of being developed in other major cities across Canada.

The Foundation welcomes its new Committee members and wishes to acknowledge the assistance of 1997 Principal Award Winner Jim McEwen who was very supportive in developing the Vancouver Committee.



A Memorial ...

During this past year Hans Kivisild, P. Eng., PhD, the 1985 recipient of the Manning \$25,000 Award of Merit, died at the age of 79 in Calgary.

An innovative engineer, his suggestion that floating ice platforms could be used in the Canadian Arctic to drill for oil and gas, was met with disbelief.

His deep knowledge of the physics of ice proved the skeptics wrong. Thirty wells were drilled in the Canadian Archipelago from floating ice platforms designed by Dr. Kivisild.

This practical solution to a difficult engineering problem earned Hans Kivisild the Manning Innovation Award, but was only one of his many significant achievements.

News Briefs

The 2002 Canada-Wide Science Fair will be held in Saskatoon, May 13-17. Watch for this year's Manning Young Canadian Innovation Award Winners, who will share \$20,000 in prizes, in the next issue of *Innovatis*.

The submission of nominations for the 2002 Manning Innovation Awards competition closed on February 15.

Executive Director Donald Park, P.Eng., says he is excited with the quality of the submissions received

from all parts of Canada this year.

The pie chart illustrates the geographic distribution of nominations since inception of the Awards.

THE MANNING INNOVATION AWARDS
Percentage of Nominations by Region
1982 - 2002

