

Saluting Canadian Innovation



# INNOVATIS



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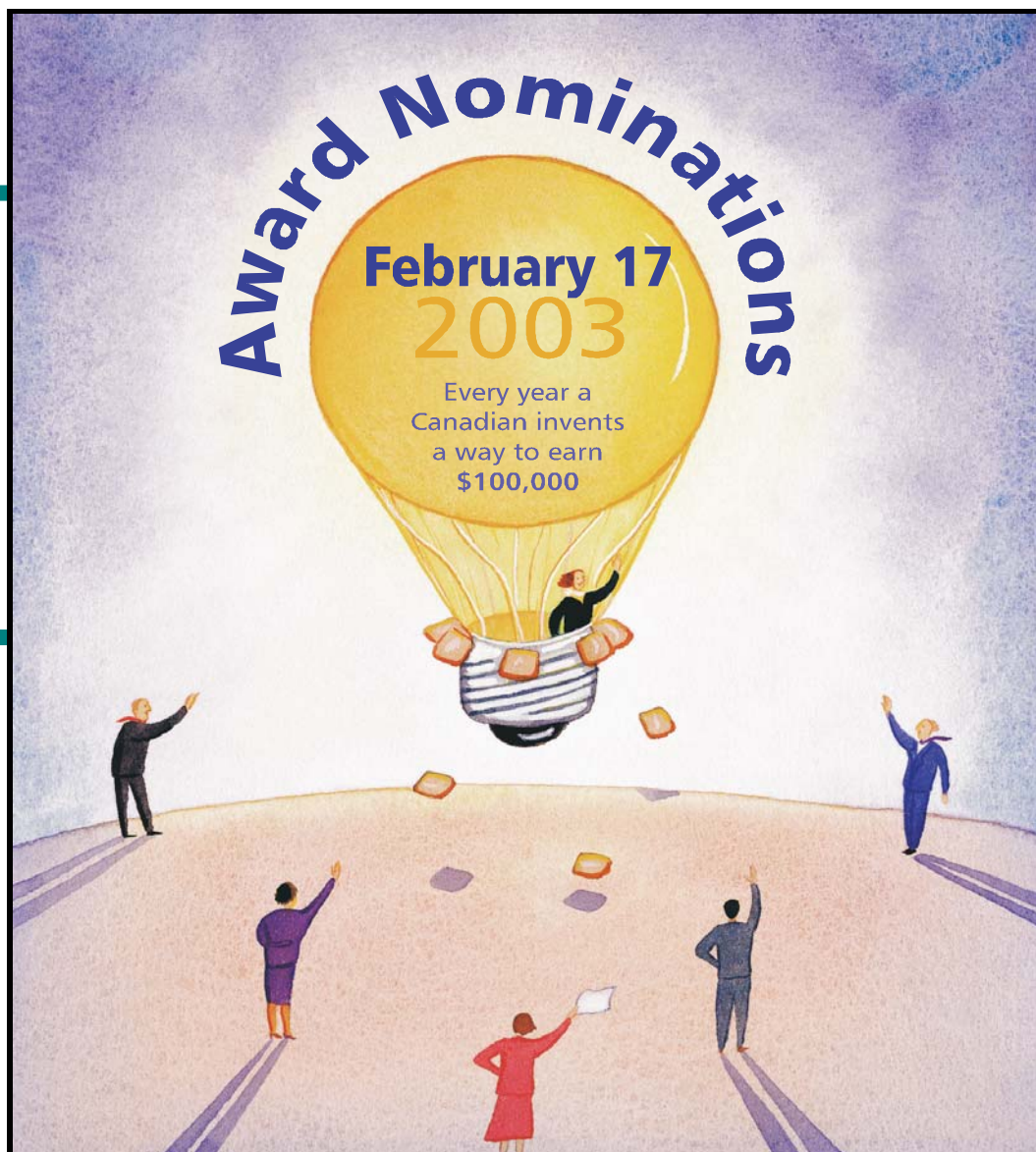
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**We're On The Web**  
[www.manningawards.ca](http://www.manningawards.ca)



Bright ideas make money, regardless of how big or small, and if you know of one that has been developed and marketed in Canada, then the Ernest C. Manning Awards Foundation wants to hear about it.

Since 1982, the Manning Innovation Awards have been recognizing outstanding Canadian innovators with honours ranging from the \$10,000 Inno-

vation Award to the \$100,000 Principal Award.

To receive a nomination form or for more information, please contact the Manning Innovation Awards; Telephone: (403) 645-8277 or Fax: (403) 645-8320. A nomination form and complete details may also be downloaded from the website: [www.manningawards.ca](http://www.manningawards.ca).

Manning Gala Awards Night 2002



**Gary Mousseau and Mike Lazaridis (below), \$100,000 Principal Award recipients, with Sue Tomney, Director of Communications, TransAlta Corporation, and sponsor of the award.**



**Past Young Canadian Innovation Award Winners Recognized: Anie Miner (nee Galipeau) and Paul Brown, 1994; Wojciech Giziewicz 1995; Julien Brazeau, 1998**



**Preston Manning with Young Canadian Innovation Award winners (from left to right): Dan Carew, Mahvish Jafri, Jean-Philippe Demers, Faizal Ismail, Adam Panter.**



**Dr. Francis LeBlanc (left) Chairman of the Selection Committee, congratulates Malcolm Jefferson, Innovation Award recipient.**



Manning Gala Awards Night 2002

*Gary Mousseau (below),  
Co-Principal Award Winner,  
celebrates with his wife Margaret.*



*Dennis Jackson, District Vice-President,  
Ottawa and West Quebec District, speaking  
on behalf of Scotiabank, sponsor of the  
Awards Dinner.*



**Dr. Harold Jennings (left), Award of Distinction recipient with Scott Anderson, Editor-in-Chief of the Ottawa Citizen, a Can-West company and sponsor of the award.**



**Leslie Shaw (left), Allan Shaw (Trustee), and Mark Lowey, Communications Consultant enjoy a pre-dinner chat.**



*A Memorial...*

On December 30, 2002 George Dunlap died at the age of 85 in Calgary. George was the Executive Director of the Ernest C. Manning Awards Foundation from 1982 to 1985 during the formative years of the awards program.

A graduate in Petroleum Engineering from the University of Tulsa, he joined Sun Oil Company in 1939 and retired after thirty-two years' service as Canadian Production Manager. In 1972 George formed Dunlap Petroleum Consultants and continued the practice until 1995.

George was a great advocate of the Foundation's program to recognize and reward outstanding Canadian innovators. George was very active in community affairs as well, serving on numerous boards and in several capacities with Grace Presbyterian Church in Calgary.

George is survived by his wife Jean of Calgary and son Rick of Kalispell, Montana.

# Where are they now?

**Meet 1994 Young Canadian Innovation Award Winners Paul Brown and Anie Miner, inventors of the Green Walkman.**

What began as a high school classroom project more than 10 years ago has resulted in a recent US patent being awarded to former science fair partners, Paul Brown and Anie Miner (nee Gali-peau).

Back in 1992, Brown and Miner were students looking for a project to complete for their design and technology class — and they wanted a project that would have a positive impact on the environment.

The winning idea came to Brown one morning as he rode the bus into school. With his portable Walkman cassette player fading from dying batteries, Brown used a pencil to turn the sprockets in the cassette, keeping the Walkman playing for the remainder of the ride.

“Back in 1992, there were over a billion batteries being thrown out and now there are probably even more,” says Miner. “

Discarded batteries leach huge amounts of toxic chemicals into the groundwater,” she says.

Together, the two students decided to develop a “Green Walkman,” a device that requires no batteries and can run for 30-45 minutes simply by winding a spring.

By 1994, the team had a prototype that was so impressive it had won numerous awards at a regional and national science fair, including a Manning Young Canadian Innovation Award.

Meanwhile, in the United Kingdom, another inventor, Terry Baylis, was working on a similar device, a portable radio that also required no batteries. But, as Brown points out, the Green Walkman

was actually more functional.

“Powering an electrical device, like a radio, is not that hard since you can put all the energy into the electrical components,” says Brown.

“But, in the case of the Green Walkman, it had to run both electrical and mechanical components...it had to actually turn the tape,” he says.

Because the Green Walkman used such simple principles, the benefits were many.

After high school graduation, both Miner and Brown decided to pursue their education at the University of Ottawa.

Today, with a degree in mechanical engineering, Brown is married to Christiane Montpetit, and together they are new parents to a son, Justin.

Miner is also married and, in addition to a degree in mathematics, she is currently working on her MBA. Together, she and her husband, Mike, continue to socialize with the Browns.

And they continue to pursue an idea that first inspired them more than a decade ago.

“Right now, we are looking for a commercial partner,” says Brown, who explains that the Green Walkman design can be applied to portable CD players, pagers and even DVD players. And that saves a lot of batteries.

“With the Green Walkman, our main goal was to help the environment and we can't do that until it is commercialized,” says Miner.



*Paul Brown*



*Anie Miner*