



# THE DAILY COURIER


## HEAT ON FIRE

UBCO women's volleyball wins national crown – B1

## BRIER SALE

Alberta's Kevin Martin wins second straight curling title – SPORTS, B1





Monday, March 16, 2009, Kelowna, B.C.

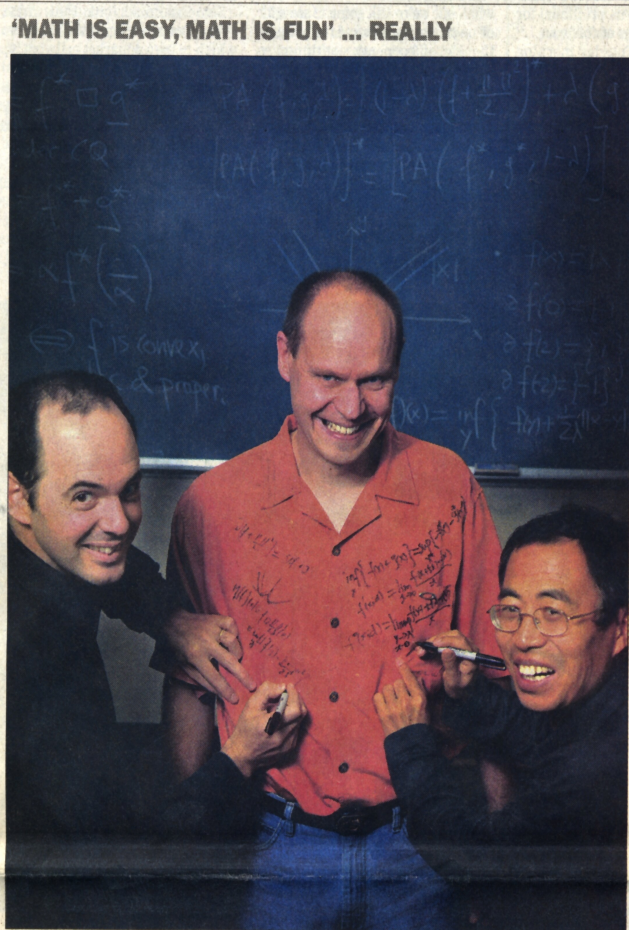
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**AGRICULTURE**

## Wintery wrath hits grapes hard

By DON PLANT  
The Daily Courier

The year's wine production may suffer from this unusually long, frigid winter, but most Okanagan crops should weather the cold, say growers. The Arctic blasts that blew through the Valley in December and mid-January did more damage to grapes than the recent cold spell. Apples and pears should fare OK, but grapes and



TIM SWANKY/Special to The Daily Courier  
UBCO Okanagan's researcher of the year Heinz Bauschke, centre, and fellow mathematicians Yves Lucet, left, and Shawn Wang have established an Optimization, Convex Analysis and Nonsmooth Analysis (OCANA) group at UBCO.

## Research adds up for UBCO math professor

**Heinz Bauschke donating \$5,000 to endowment fund for research**

Special to The Daily Courier

A mathematician inspired by his elementary school teacher is UBC Okanagan's researcher of the year.

Heinz Bauschke is one of Canada's top researchers in the field of optimization — the mathematics of finding the optimal solution to a given problem. His passion for math was sparked by a teacher when he was a child in Germany.

"Herr Fischer, back in Frankfurt, was a math teacher who said, 'Math is easy, math is

fun,' and I think this had a huge influence on me because I really enjoyed math, and I followed up on it," Bauschke said.

He later earned a PhD in mathematics from Simon Fraser University. He taught at the former Okanagan University College and the University of Guelph.

Since joining UBCO in 2005, he has collaborated with colleagues Yves Lucet and Shawn Wang to establish the Optimization, Convex Analysis and Nonsmooth Analysis (OCANA) group. The research team works on solutions to challenging problems in areas ranging from communications and optics to network flow and the planning of radiation therapy treatments.

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## Sliver of optimism at Tolko

By DON PLANT  
The Daily Courier

Eighteen Tolko workers go back to their jobs today after a one-week shutdown.

## Math professor

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Bauschke holds a Canada Research Chair in convex analysis and optimization. When honoured at the Rotary Centre for the Arts last week, he announced he'll donate the \$5,000 prize to start an endowment fund that benefits the outstanding undergraduate student in analysis each year.

"Research, to me, is always about teaching — about teaching the next generation and passing on the torch of advanced knowledge," he said.

More than three dozen other researchers were recognized for outstanding achievements this year in science, engineering, social sciences, humanities, arts and health research.

"The range and quality of research... give me comfort that the necessary link between new ideas and the spread of those ideas is strong and growing stronger," said Doug O'wram, UBCO's deputy vice-chancellor.

Funding for research at UBCO has grown from 250 successful project proposals earning nearly \$6 million in grants and awards two years ago to more than 300 successful proposals receiving more than \$8 million last year.

Kenneth Carlaw, associate professor of economics, and Mary Ann Murphy, associate professor of sociology and social work, both received the inaugural Provost's Award for Public Education Through Media.

The university's online video website will soon feature vignettes about this year's featured researchers. Visit [www.ubco.tv](http://www.ubco.tv).