

Appendix:

Financial Report

The PIMS fiscal year runs from April 1, 2001 to March 31, 2002. In this section we outline the PIMS budget for this fiscal year. PIMS has supported its activities on base funding from:

- The six participating PIMS institutions (Simon Fraser University, University of Alberta, University of British Columbia, University of Calgary, University of Victoria, University of Washington) and the affiliated Institutions (University of Lethbridge and University of Northern British Columbia).
- The Government of Canada through the Natural Sciences and Engineering Research Council.
- The Government of Alberta through the Alberta Ministry of Innovation and Science.
- The Government of British Columbia through the ministry of Competition, Science and Enterprise (formerly Science and Information Technology Agency).

PIMS also received substantial contributions from 57 industrial partners (to March 31, 2002) for its industrial programmes and for the PIMS-affiliated MITACS industrial collaborative research projects.

Income for 2001–02

Each founding university makes an annual cash contribution equivalent to one full time faculty position at the respective university. Also, scientific personnel are released under the PIMS research fellowship programme to provide scientific leadership to the institute. PIMS is only required to make up the course

buy-out for these individuals. The universities also make considerable in-kind contributions through office space at the five campuses and computer labs.

SFU: SFU made an annual cash contribution of \$75,000. In-kind support in the form of a 4000 square feet research facility is estimated at \$150,000 per annum.

UA: The University of Alberta made an annual cash contribution of \$70,000. In-kind support of offices totals \$60,000.

UBC: The University of British Columbia made an annual cash contribution of \$115,000. In-kind support in the form of a 4800 square feet research facility is estimated at \$150,000 per annum. As well, the university maintains PIMS financial accounts at an estimated in-kind annual cost of \$30,000.

UC: The University of Calgary made an annual cash contribution of \$61,000. In-kind support of offices totals \$60,000.

UVic: The University of Victoria makes an annual cash contribution of \$60,000. In-kind support of offices totals \$60,000.

UW: The University of Washington made an annual cash contribution of \$74,446 (\$50,000 US) and an in-kind contribution of \$25,000 in administrative support.

ULeth: The University of Lethbridge, as an affiliate university of PIMS, makes annual cash contributions of \$5,000.

UNBC: The University of Northern British Columbia, as an affiliate university of PIMS, makes annual cash contributions of \$5,000.

MITACS contributions are for the administrative and infrastructural support of the PIMS-affiliated projects, for networking activities as well as for theme meetings and related scientific workshops.

PIMS Total Income: April 1, 2001-March 31, 2002

Source	Carry-forward	Income 01/02	Operating Funds	In-Kind Support
NSERC	\$76,505	\$630,000	\$706,505	
BC (CSE/ISTA)	\$22,142	\$197,500	\$219,642	
BC (NCE)	\$0	\$100,000	\$100,000	
Alberta (ASRA)	\$583	\$200,000	\$200,583	
Universities	(\$24,077)	\$0	(\$24,077)	
SFU		\$75,000	\$75,000	\$150,000
UAlberta		\$70,000	\$70,000	\$60,000
UBC		\$115,000	\$115,000	\$180,000
UCalgary		\$61,000	\$61,000	\$60,000
UVictoria		\$60,000	\$60,000	\$60,000
ULethbridge		\$5,000	\$5,000	
UNBC		\$5,000	\$5,000	
UWashington*		\$0	\$0	\$25,000
MITACS	\$29,928	\$157,000	\$186,928	
Other**	\$68,295	\$198,047	\$266,342	
Total	\$173,376	\$1,873,547	\$2,046,923	\$535,000

* The University of Washington contribution of \$74446 CAD for FY2001 and FY2002 was received in FY2001 and reported in the 2000-01 PIMS Annual Report.

** Does not include industrial contributions to PIMS activities or PIMS/MITACS projects.

Total Operating Funds	\$2,046,923
Reserve Fund	\$75,000
Industrial Funds Received (PIMS/MITACS)	\$781,448
Total Funds At-Hand	\$2,903,371
Total In-Kind Support	\$535,000

Industrial funding

PIMS receives substantial industrial funding in support of its programmes: The PIMS prizes, various industrial workshops, PIMS seminar series and industrial postdoctoral fellows. It also manages the in-

dustrial funds provided by various companies to the 12 MITACS collaborative projects associated with PIMS. (See list below)

PIMS/MITACS Industrial Funds

Project	Company	Before March/01	April/01-March/02	Total to March/02
Project 1	IBM	\$30,000	\$0	\$30,000
	MDSI	\$25,000	\$0	\$25,000
	StemSoft	\$34,500	\$0	\$34,500
Project 2	Quatronix	\$15,000	\$0	\$15,000
	Sound Logic	\$25,000	\$0	\$25,000
	Webdispatchers.com	\$20,000	\$5,000	\$25,000
Project 3	Waterloo Maple	\$85,000	\$54,750	\$139,750
	Workfire Development Corp.	\$20,000	\$0	\$20,000
Project 4	FinancialCAD	\$64,000	\$24,750	\$88,750
	Powerex	\$52,000	\$10,000	\$62,000
	TransAlta	\$42,000	\$0	\$42,000
Project 5	CREWES	\$10,000	\$0	\$10,000
	Imperial Oil	\$0	\$15,000	\$15,000
	C&C Systems Limited	\$0	\$10,000	\$10,000
Project 6	NORTEL	\$120,000	\$0	\$120,000
Project 7	Kinetek	\$15,000	\$0	\$15,000
	SmithKline Beecham	\$10,000	\$150,000	\$160,000
	In Silico	\$77,556	\$0	\$77,556
	StemCell	\$5,000	\$0	\$5,000
Project 8	Bayer	\$10,000	\$0	\$10,000
	VisionSmart	\$7,473	\$0	\$7,473
	Lockheed Martin	\$48,665	\$50,124	\$98,789
	Acoustic Positioning Research	\$8,000	\$12,000	\$20,000
	Canadian Airlines	\$87,000	\$0	\$87,000
Project 9	BCTel	\$43,500	\$0	\$43,500
	Telus	\$43,500	\$0	\$43,500
	Workers' Compensation Board	\$87,000	\$47,750	\$134,750
	Vancouver International Airport	\$0	\$53,875	\$53,875
	Powertech	\$20,000	\$0	\$20,000
Project 10	Ballard Power System Inc.	\$186,000	\$180,000	\$366,000
	Organon Canada	\$20,000	\$0	\$20,000
Project 11	Starlab	\$8,141	\$0	\$8,141
	Kinetana	\$8,000	\$27,400	\$35,400
	National Institute of Health	\$5,941	\$0	\$5,941
	Cybercell	\$0	\$20,000	\$20,000
Project 12	Monsanto Company	\$2,920	\$0	\$2,920
	Merak	\$2,000	\$0	\$2,000
	Charles Howard & Associates	\$1,000	\$0	\$1,000
Project 13	Imperial Oil	\$2,000	\$2,000	\$4,000
	McMillan-McGee	\$2,000	\$0	\$2,000
	Michelin	\$2,889	\$0	\$2,889
	Stern Stewart & Co.	\$2,889	\$0	\$2,889
Project 14	Firebird Semiconductors	\$0	\$2,000	\$2,000
	Algorithmics	\$0	\$2,000	\$2,000
	IBM	\$0	\$1,974	\$1,974
	Microsoft	\$0	\$3,011	\$3,011
	Dept. of National Defence (CSE)	\$0	\$2,000	\$2,000
	AEC Oil & Gas	\$0	\$2,000	\$2,000
Project 15	Insightful	\$0	\$23,814	\$23,814
Project 16	Firebird Semiconductors	\$0	\$23,000	\$23,000
Project 17	Toronto Dominion	\$10,000	\$10,000	\$20,000
Project 18	MathSoft	\$21,708	\$0	\$21,708
Project 19	Vortek	\$10,000	\$0	\$10,000
Project 20	Schlumberger (Etudes & Productions)	\$24,000	\$24,000	\$48,000
Project 21	Schlumberger (Cambridge)	\$10,000	\$10,000	\$20,000
Project 22	NORTEL/StatCar	\$12,604	\$0	\$12,604
Project 23	Galdos Systems	\$0	\$15,000	\$15,000
	Total	\$1,337,286	\$781,448	\$2,118,734

Other Contributions

In the table below, we have outlined only the operating budget of PIMS. However, this tells only a part of the story since it does not describe the contributions to PIMS scientists and events that did not flow through the PIMS central accounts. Here is a brief description of such indirect contributions.

University Infrastructure: PIMS has offices at all five campuses. Computational facilities and some administration is also provided. The PIMS central office at UBC uses a 4,800 sq.ft research facility that accommodates up to 40 researchers at a time, as well as a scientific computing Lab and a reading room for about 20 researchers. Similarly, SFU has provided PIMS 4,000 sq.ft. of office space that allows up to 20 scientists to be accommodated.

BC/NCE Infrastructure Support: This amounts to over \$180,000 in infrastructure support for the PIMS and MITACS research facilities at the University of British Columbia and Simon Fraser University. These funds are made available through offices of the Vice-president Research at UBC and SFU to match and support the federally funded NCE activities.

Additional support for Industrial PDFs: Much of the industrial support mentioned in the table above goes to the PIMS-affiliated MITACS industrial collaborative projects. In addition, the PIMS contributions to the industrial post-

doctoral fellows (\$15K-20K each) have essentially been matched (on a 1 to 1 basis) by the corresponding industrial partners.

Additional support for Scientific PDFs: The PIMS contributions to the 16 PIMS postdoctoral fellows (\$18,000 each) have been at least matched (minimum \$18,000 contribution) by research grants from their supervisors and by stipends for teaching from their associated departments.

Conference support: Most conferences have also been supported by registration fees and have sometimes been co-sponsored by other organizations.

Corporate support: This has materialized through contributions towards official receptions and banquets connected to the scientific events.

Industrial support: The *Problem Solving Workshop*, the *Esso-CMS-PIMS Summer Math Camps*, the *Workshop on Designs, Codes, Cryptography and Graph Theory* (among others) have also been partially supported by direct and indirect contributions from the industrial participants.

Education support: Most educational events have been also co-sponsored by schools, provincial ministries of education and professional societies.

Summary of Expenditures - PIMS 2001/02

Expense Category	Budgeted	Actuals	Over/Under
Site Offices	\$177,310	\$169,655	\$7,655
Scientific Personnel	\$120,000	\$120,409	(\$409)
Central Office	\$289,000	\$268,537	\$20,463
Special Events	\$90,000	\$96,149	(\$6,149)
Industrial Outreach*	\$373,700	\$307,228	\$66,472
Education Programmes	\$148,025	\$121,988	\$26,037
Scientific Activities	\$630,372	\$582,046	\$48,326
PIMS Postdoctoral Fellows**	\$288,000	\$281,965	\$6,035
Total Expenses	\$2,116,407	\$1,947,977	\$168,430

* Figures include neither industrial funds nor MITACS projects

** Figures include neither industrial PDFs nor matching funds

Source	Operating Funds	Budgeted	Actuals	Carry-forward
NSERC	\$706,505	\$713,100	\$630,967	\$75,538
BC (CSE/ISTA)	\$219,642	\$192,000	\$205,684	\$13,958
BC (NCE)	\$100,000	\$100,000	\$74,786	\$25,214
Alberta (ASRA)	\$200,583	\$188,000	\$188,000	\$12,583
Universities	\$366,923	\$444,060	\$423,593	(\$56,670)
MITACS	\$186,928	\$205,700	\$180,065	\$6,863
Other	\$266,342	\$273,547	\$244,702	\$21,640
Total Expenses	\$2,046,923	\$2,116,407	\$1,947,797	\$99,126



Pacific Institute for the Mathematical Sciences is sponsored by:

The Natural Sciences and Engineering Research Council of Canada

The Alberta Ministry of Innovation and Science

The British Columbia Ministry of Competition, Science and Enterprise

Simon Fraser University

University of Alberta

University of British Columbia

University of Calgary

University of Victoria

University of Washington

University of Lethbridge

University of Northern British Columbia

<http://www.pims.math.ca>

Edited by H. Jenkins.

Photos kindly provided by
Waite Air Photos Inc. (front)
and R. Moody (back).