



CAWP Industry Partnership Program



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"Education, training and access to information on the latest technology will be major factors in helping Canada's secondary wood processing industries compete in an increasingly competitive marketplace. These elements can all be found at the Centre for Advanced Wood Processing (CAWP) at UBC, which is why Loewen is pleased to be a foundation member of CAWP and the first company to support this partnership program."

Charles Loewen
CEO
Loewen Windows, Steinbach, Manitoba
Chair, Wood Manufacturing Council

Canada's advanced wood processing industries need a highly trained and educated workforce to effectively utilize the complex technology that has become a feature in the industry. Managing the introduction and integration of even more sophisticated technology now coming on stream is an enormous challenge, involving the need for managers to reconfigure complex manufacturing systems and redesign product lines while still meeting the needs of an increasingly discerning and competitive global marketplace. Never before has the need for highly educated personnel been as critical to the success of the Canadian advanced wood processing industries as it is today.

Early recognition of the critical role that technology and management plays in the success of the advanced wood processing industries led to the formation of the Centre for Advanced Wood Processing (CAWP) at the University of British Columbia, Canada's national centre for education, extension and research for the advanced wood products industries. The Centre - through the Departments of Wood Science, Mechanical and Civil Engineering, and Commerce - offers a unique program that has been designed and driven by industry to directly meet the educational and professional needs of the advanced wood processing industries. The success of this program is evident in the demand for our highly trained Wood Products Processing graduates and co-op students, the popularity of our continuing education workshops, and the requests by industry for assistance in improving manufacturing efficiency. In 2002, the Wood Products Processing program received the prestigious Yves Landry Foundation Award for the most innovative Canadian University-level manufacturing technology program.

In support of the Centre, the CAWP Industry Partnership Program aims to raise \$250,000 annually to support student scholarships, recruitment, co-op placements, equipment acquisition and hiring of industry experts to allow us to continue to build on the success of our innovative program. Achieving our fundraising goals will enable the Centre to increase the total number of highly trained students undertaking co-op placements, thereby increasing both the quantity and quality of our graduates; develop innovative continuing education programs for industry; and furnish the Centre with state-of-the-art equipment.

We seek your partnership and financial support.



CAWP's Mandate

- 1 TO PROVIDE industry with access to highly educated and trained students, with the capacity to lead and drive change in the industry.
- 2 TO OFFER a continuing education program tailored to the needs of industry and aimed at enhancing the skills of existing industry employees; and an extension service designed to improve the manufacturing efficiency of wood products enterprises.
- 3 TO CONDUCT an interdisciplinary industry-focused research program.

Achievements to Date

Since the establishment of CAWP in 1996, 71 students have graduated from the Wood Products Processing Degree Program, with 100% employment. Currently 105 students are enrolled in the program. In 2002 the UBC Wood Products Processing Program received the Yves Landry Foundation Award for the most innovative Canadian university-level manufacturing technology program, recognizing technological innovation, creativity, and excellence in the program.

The co-op program, which allows students to combine their academic program with valuable industry experience, is an important part of our undergraduate program. Over 30 companies across Canada, in the USA, Japan, New Zealand and Australia have participated in the co-op program, with 100% placement of our students in industry.

Through its continuing education program the Centre has delivered over 70 workshops focused on lumber drying, wood finishing and wood products manufacturing, and held 11 major conferences in areas as diverse as furniture design, tooling and machining, and factory built components and housing systems. To date programs have been held in five provinces and two US states, with plans for expansion into other provinces in the future. There are also plans to broaden the range of courses offered to include ones on management and marketing that will be accredited as UBC Certificate Programs.

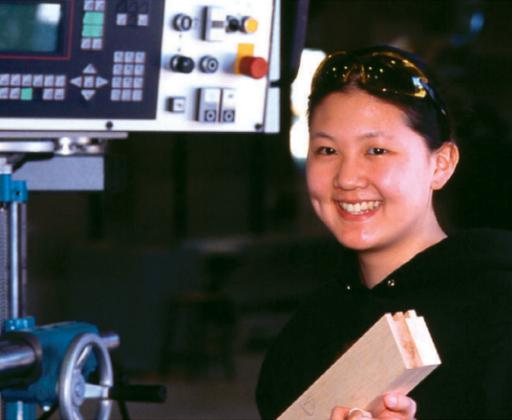
The Centre has developed research programs in areas relevant to the advanced wood processing industry. Active research groups have already been established in wood building technology, process and supply chain optimization, and new products and processes. CAWP has also recently developed a graduate scholarship scheme to encourage interdisciplinary research and develop highly trained personnel for industry.

"The Wood Products Processing Program (WPP) has provided me with an excellent university education and I am very happy and confident about where it will take me. The strength of the program by far is its "all round" approach, designed to provide students with the comprehensive skill set needed to manage and develop a modern wood products company rather than just focusing on one specific discipline. I feel well equipped to take on just about any challenge in the industry. I am delighted to have graduated from the program and want to thank all faculty, staff, and fellow students for helping me to achieve so much - thank you."

Richard Trory
2003 WPP Graduate
Project Engineer - International Operations
Palliser Furniture, Winnipeg, Manitoba

The Need

For CAWP to continue to be able to meet industry's needs, we need your support. CAWP's current operations are almost entirely funded by the endowment established when the Centre was formed in 1996. There is a need to supplement endowment funding to attract the best and brightest students and provide them with the education and skill set that industry demands.



Industry support will help fund the following programs:

Recruitment & Retention

Recruitment of the best and brightest students for the Wood Products Processing Degree Program is essential to fulfill industry's needs for a highly skilled workforce. Your contributions will help fund a proactive recruitment strategy designed to introduce high school students to the diverse range of attractive career opportunities that today's advanced wood products manufacturing sector offers. Presentations to high school students around the country by knowledgeable and committed recruiting staff will form the cornerstone of this strategy. The goal is to increase the number and quality of prospective applicants, thereby allowing for the selection and admission of a greater number of qualified students to the program.

"The value of this program to companies like Canwood cannot be measured. The enthusiasm, work ethic and new ideas that come with the students is very encouraging to see in our young adults of today. Canwood is proud to support this program."

Robert Bird
Vice President
Canwood Furniture Inc.
Penticton, BC

Scholarships

Attracting the best students into the high tech advanced wood processing industries requires a strong recruiting and scholarship program. Each year part of the industry funds will be used for scholarships to attract high quality undergraduate and graduate students to the Wood Products Processing Degree programs, and to recognize academic achievement among students already enrolled. At the same time, companies may also choose to establish an endowed scholarship to support and recognize students in perpetuity.

Co-op Placements and Wood Machining Skills Classes

The provision of qualified and skilled graduates to meet industry's needs is one of the key goals of CAWP and the Wood Products Processing Program. The co-op program enables students to complement their academic studies with valuable industry experience by alternating classroom learning with paid work experience. Prior to commencing co-op, students are required to successfully complete an admissions interview and a Wood Machining Skills course, offered in May of each year, in which students learn hands-on skills and safety procedures. Industry funds will be used to support the co-op program and Wood Machining Skills course, and importantly, to subsidize the increasing costs that students incur to remain in co-op. Scholarships will be offered at the end of the student work terms thus encouraging more students to participate in the co-op program.

Equipment Acquisitions

The state-of-the-art wood processing equipment in the CAWP Advanced Wood Processing Laboratory ensures that students are trained in the latest techniques on the most up-to-date technology. It is also vital to the training needs of industry, as met by the many outreach courses that are offered by CAWP. Some of the funds raised from industry will go towards the acquisition of state-of-the-art equipment. In-kind support of machinery manufacturers has been generous over recent years and will continue to be a very essential means of maintaining our inventory of equipment.

Industry Experts

Industry expertise is crucial to providing the highest quality of training to students. Experts are hired to conduct lectures and hold laboratory sessions for students in the Wood Products Processing Program. Strong links between CAWP and industry will ensure that students graduate with the most relevant and up-to-date technical knowledge.



"The Wood Products Processing Co-op Program is an excellent resource for recruiting short-term staff to work on special projects. In exchange for providing the tools to get the job done and some back-up support, employers acquire staff who are self-motivated, hard working and do a great job. I am very impressed with the co-op students and highly recommend hiring them."

William Love
Vice President, Technical Engineering
Tembec Forest Products Group
Temiscaming, QC

The Need

Program Membership

CAWP has established the Industry Partnership Program to ensure that all companies, large or small, have the opportunity to support and benefit from the activities of CAWP and the Wood Products Processing Program. The program will be funded on an annual basis (January to December), following an initial commitment for 3 years.

A national industry Advisory Board oversees CAWP's programs and ensures that the training needs of industry are met. The Board will approve the annual budget to ensure that all contributions by Industry to the Partnership Program are used as intended for the benefit of industry by CAWP and the Department of Wood Science.



Membership Privileges

In recognition and thanks for your generous support, members of the CAWP Industry Partnership Program who donate at the appropriate level (or above), and pledge to do so for the next two years will be entitled to the following membership privileges:

- 1 Priority access to Co-op student advertisements and interviews**
Wood Products Processing Co-op students are in high demand. Often there are insufficient numbers of students to fill all co-op requests and usually more than 75% of students are placed in the first round. As members, your company will be invited to submit advertisements for the first round of student interviews, effectively giving your company priority access to co-op students. This will also include access to international students wishing to undertake co-op placements through UBC.
- 2 Job postings for companies**
CAWP's newsletter is distributed to over 3,000 companies and individuals across Canada. As a member your company will be able to exclusively advertise job postings in the CAWP newsletter, printed six times a year. Job postings can also be listed on the CAWP website (www.cawp.ubc.ca) and on our alumni distribution list.
- 3 Named industry scholarship**
For donations in the Level F category, and pledged for 3 years, the

company will be entitled to have an annual \$1,000 undergraduate student scholarship established and named in recognition of the company's support. Donations at other levels will contribute to a series of Industry Partnership Program undergraduate scholarships.

- 4 Eligibility for CAWP Advisory Board membership**
To ensure that CAWP continues to meet the needs of Canada's advanced wood products industries, it is important that representatives from industry are on the CAWP Advisory Board. Members of the partnership program will be eligible for election to the board when a vacancy becomes available.
- 5 Priority registration for continuing education programs**
CAWP's continuing education programs are very popular and the limited places often fill up rapidly. As a member, your company's employees will receive first priority for registration in all continuing education programs.
- 6 Access to CAWP publications on the Internet**
In addition to formal workshop and seminar programs, CAWP also provides access to supporting educational and technical material that will be available by password protection only on the CAWP website.

- 7 Annual Report and CAWP newsletter**
Your company will receive the CAWP Annual Report and hard copies of the CAWP newsletter. Your company will be recognized as a contributing member of CAWP in the annual report and on the CAWP website.

- 8 Immediate tax receipt**
Your support for the Industry Partnership Program will generate a prompt letter of thanks and a tax receipt produced by the University of British Columbia. UBC is a registered charity therefore all donations to CAWP are fully tax-creditable.

- 9 Recognition evening**
In recognition of your support your company will be invited to an exclusive annual Industry Partnership Program recognition event. Donors will also receive a certificate of appreciation in recognition of their support.

- 10 Membership of university donor clubs**
Donations greater than \$1,000 per annum will entitle your company to membership in the UBC Wesbrook Society, with all its accompanying privileges. These include invitation to an annual spring event, as well as complimentary admission to the UBC Museum of Anthropology, the UBC Botanical Garden, all UBC athletic events, the UBC Aquatic Centre and the UBC Library.

Levels

Recommended giving levels for the Program

Level A - Pine	< 25 employees	\$ 250
Level B - Poplar	25 - 99 employees	\$ 500
Level C - Fir	100 - 499 employees	\$ 1,000
Level D - Birch	500 - 999 employees	\$ 3,500
Level E - Cedar	1000 - 1999 employees	\$ 7,500
Level F - Maple	over 2000 employees	\$ 15,000

Donations over and above the levels indicated would be very welcome, and may include the provision of an endowed scholarship or naming rights to a facility within CAWP commensurate with the level of donation.

Tax Savings on Charitable Giving

	Level	Gift Amount	Total Tax Savings	Net Cost to Donor
UBC GIVING CLUB	A	\$250	\$65.95	\$184.05
	B	\$500	\$175.20	\$324.80
WESBROOK SOCIETY MEMBERSHIP	C	\$1,000	\$393.70	\$606.30
	D	\$3,500	\$1,465.41	\$2,034.59
	E	\$7,500	\$3,188.21	\$4,311.79
	F	\$15,000	\$6,418.46	\$8,581.54

• Lifetime Giving of \$25,000 or more is honoured with Membership in the Chancellor's Circle.
• Please Note: Calculations for example only. Individual circumstances may cause results to vary. The formula for the above calculation is: (0.2205 x donation amount (up to \$200)) + (0.4307 x (donation amount minus \$200))

• Federal Tax Credit: 16% on Donation Amount up to \$200 then 29% on remainder
• Provincial Tax Credit: 6.05% on Donation Amount up to \$200 then 14.07% on remainder.

"During my last co-op term with Loewen Windows in Manitoba, I had a great experience working with a dynamic team focused on optimizing the material through the rip saw. The project resulted in \$250,000 in annual material savings. Recently I discovered a new interest in design while learning drafting skills in a furniture construction course. I explored this new interest by attending CAWP's iMade Italian furniture exhibition and seminars by Canadian industrial designers, and intend to follow up on this interest."

Carrie Morgan
Senior Co-op Student



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Centre for Advanced
Wood Processing (CAWP)

