

Aspects of University- Industry Partnerships

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CONTENT



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- Environment for University Research in Canada and Ontario
- The Consortium Model - An Example of a Successful Partnership Model



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Inspiring Innovation and Discovery

KEY ASPECTS OF UNIVERSITY RESEARCH IN CANADA



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- ▣ Growing reliance on university research for R&D
- ▣ Universities perform about 33% of Canada's R&D (as compared to 15.9% in the U.S., 13.9% in Japan and 22% in the G7)
- ▣ Share of university R&D funded by industry is 9.3% in Canada (among the highest in the G7) compared to 4.9% in the US and 2.6% in Japan

ASPECTS OF UNIVERSITY RESEARCH CAPACITY IN ONTARIO



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- ▣ Ontario universities enjoyed significant enhancement of their research infrastructure in last few years
- ▣ 12,822 full-time faculty in 19 universities (35% of the Canadian total)
- ▣ Total Research Funding in 2004: \$1.9B (37% of the total funding of Canadian universities)
- ▣ 89% of the funding was awarded to 7 of the 19 Ontario Universities

THE ENVIRONMENT FOR INDUSTRIALLY-SPONSORED RESEARCH IN ONTARIO



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- ▣ Long tradition of industrial research
- ▣ Strong government support (OCE Inc., ORF, CFI/OIT, NCEs, NSERC etc.)
- ▣ No legislative framework that hinders universities from conveying IP rights to industry
- ▣ All major Ontario universities have recently increased their investment in the infrastructure for knowledge/tech transfer
- ▣ Strong government support for cluster development and commercialization (MaRS, ORCP)

THE CONSORTIUM PARTNERSHIP MODEL



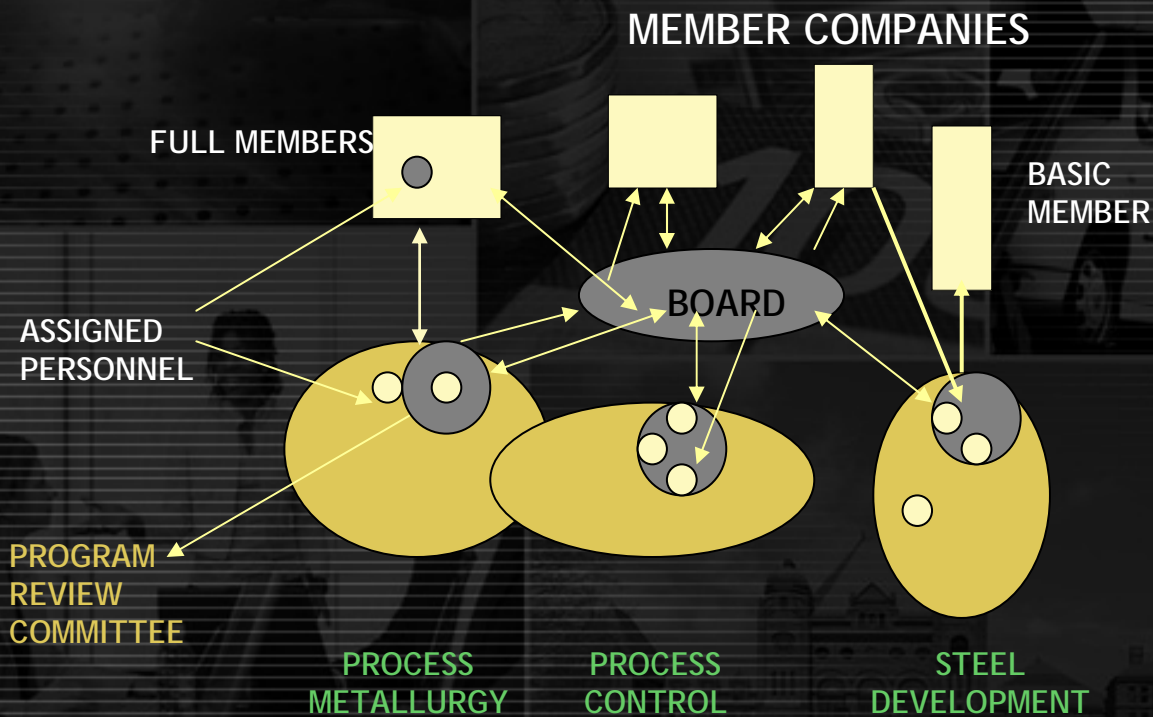
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- Industrial membership - membership fee
- Joint Board (dominated by industry) oversees, recommends and approves research plans
- Expert program review committees
- Academic Director and Professional management
- Member contract outlines participation and IP policy and identifies official points of contact

STEEL RESEARCH CENTER- MCMMASTER UNIVERSITY



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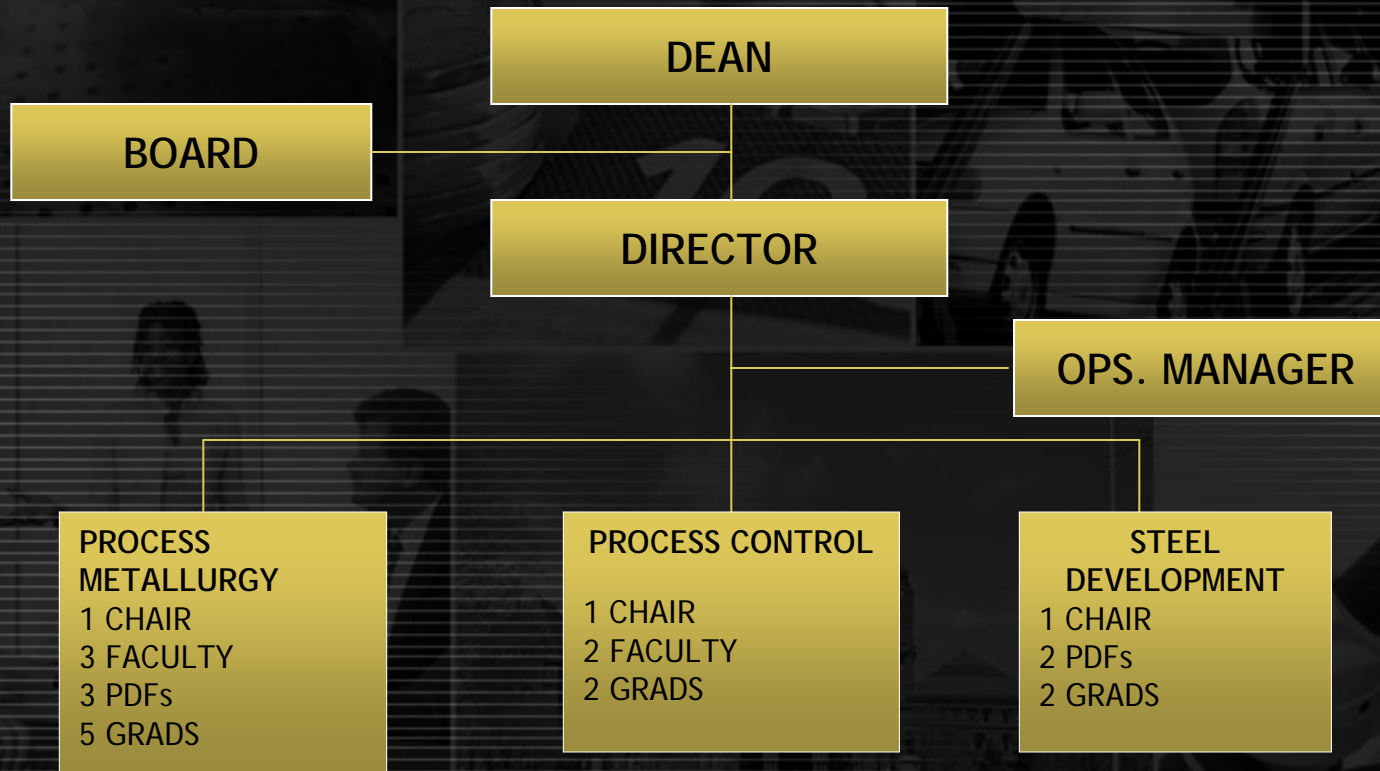


- 12 member companies
- \$30k annual fee

STEEL RESEARCH CENTER



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STEEL RESEARCH CENTER-IP POLICY



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- ▣ Companies receive pre-publication disclosure under a 5-year non-disclosure agreement with 20-day review for decision on possible patenting
- ▣ Patenting of disclosed IP is at the discretion of the university
- ▣ Publication can be delayed up to 6 months for patenting
- ▣ Companies receive non-exclusive royalty free licenses

THANK YOU!

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