



Partners in Education (PIE) Details

Phase 1 – January 2013 Start

Modular Building Institute (MBI) through its educational foundations the MBI Educational Foundation (MBIEF) and MBI Canadian Foundation (MBICF) will partner with institutions of higher learning.

Phase 1 Mission:

Modular PIE is an initiative of the MBIEF and MBICF to connect the modular industry and professional schools of architecture, engineering, and construction management in North America for the purpose of:

1. Advancing education in modular design and construction for the uptake of permanent modular in the building sector; and
2. Engaging students in modular to provide educated employees and end users to the industry.

General Terms:

- Modular PIE, facilitated by MBIEF/MBICF, will facilitate and manage multiple partnerships with schools of architecture, engineering and construction management. The partnerships will be between MBIEF/MBICF and the school, sponsored by various MBI member companies.
- The intent is to match MBI member sponsors with schools based on proximity. Where the location matches are not feasible MBI members will be matched with schools as appropriate on a case-by-case basis. MBI members participate in the program by providing services such as factory tours, guest speakers, and financial support.
- More than one member may be partnered with one school, especially when the request for support exceeds the capacity of the member to provide the support. Likewise, more than one school or department within a university may partner with one MBI member as appropriate.

MBI Members and schools identify interest in participating with a letter of interest to MBI headquarters. MBIEF/CF will facilitate partnering schools with sponsors.

Level	Gold (exclusive 1 / school)	Silver (max 2 / school)	Bronze (max 4 / school)
Scholarship	\$2,000/yr	\$1,000/yr	\$500/yr
Internships	2 students	1 student	1 student
In kind	20 hrs/yr	10 hrs/yr	5 hrs/yr
Instructional Support	\$5,000/yr	\$2,500/yr	\$1,250/yr
Administrative expense /foundation support	\$1,000/yr	\$500/yr	\$250/yr
Travel Stipend to annual industry conference	\$2,000	\$1,000	\$500
Total Sponsorship	\$10,000/yr	\$5,000/yr	\$2,500/yr

Education:

Scholarship

Merit based scholarship for an undergraduate or master's student in an accredited architecture, engineering or construction management school.

Schools - The school provides applications to selected students based on merit and all applications will be reviewed by the Foundations Scholarship Committee.

Internship

Internship opportunities to have students working in the modular industry for credit and pay – reassessed annually.

Schools – The school identifies interested students and secures application materials. School logs credit hour allotment per hour of work. Secure approval of MBIEF/MBICF Internship Guide with partnering institutions.

MBI member – Reports needs and qualifications for their company and pay scale. Member hires student(s) and pays during internship period negotiated (usually for summer 3 months or a semester 4 months during Fall or Spring semesters).

Instructional Support

School and sponsor develop a seminar, studio or other discrete course in a school of architecture, engineering or construction management dedicated to modular design, engineering and/or construction topics offered annually.

Schools – proposes the type of course and draft syllabus.

MBI Member – Sponsors the course with annual partnership commitment.

In-Kind

In-kind sponsorship by way of guest lectures from members to schools, reference materials, and factory tours. MBIEF/MBICF will work with institutions to determine requests and then work with sponsors to fill requests.

Benefits/Recognition for Sponsors:

All MBI member sponsors will be recognized for their support.

Sponsor company names and logo links will be posted on a newly created "Partners in Education" page on modular.org's Foundation section.

Each sponsor will be listed in upcoming editions of MBI's quarterly newsletter Member Connections.

Each partnership (with sponsors) will be profiled in Member Connections.

A story about the program including all sponsors will be sent out in MBI's Modular Advantage to 35,000+ AECO professionals through Building Design & Construction.

Partner sponsors will have rights of first refusal on annual sponsorship with participating school and to participate on future research efforts or activities with the partner school.

Sponsors will be recognized at World of Modular conference.

Expectations of Partnering Schools:

Identify a point of contact for each department partnership (i.e. architecture, engineering, CM).

Promote or allow scholarships to be promoted to students.

Identify interested students for internships and secure application materials from MBI. School logs credit hour allotment per hour of work.

At appropriate partnership level, work with industry to develop seminar, studio or other discrete course in a school of architecture, engineering or construction management dedicated to modular design, engineering and/or construction topics offered annually.

Allow for industry guest lecturers twice annually.

School POC(s) make best effort to attend industry annual conference (travel stipend included – if POC cannot attend, sponsorship package may be reduced accordingly).

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Phase II

Launch date determined by MBIEF/CF Board. Include research component and partnerships with trade schools, community colleges, and vocational and technical schools.

Phase II Mission:

To implement Modular PIE at institutions that provide trade based employees to the modular industry and to engage institutions of higher learning as research facilities on behalf of the modular industry in order to:

Foster industry-based research to advance the state of the art in modular design and construction processes, products and practices

RESEARCH

Fellowship

MBIEF/CF Direct Sponsorship of a graduate fellow focusing a thesis or dissertation on the subject of modular design and/or construction. Fellow must be from a partnering university.

Schools – Facilitate application process with graduate students and submit application to MBIEF/MBICF with specific topic identified and proposed budget from levels.

Projects Directly Funded by MBIEF/CF

MBIEF/CF identifies possible research projects dedicated to modular design, engineering and/or construction topic(s) to support faculty and students in industry-based applied research, and or outreach efforts. MBIEF/CF drafts RFP.

Schools – submit response to RFP for funding and a proposal of scope of work.

Schools will submit RFP applications to MBIEF/MBICF for review. RFP's will be scored and presented to MBIEF/CF Board for final approval.

Collaboration

Joint venture between MBIEF/CF and partnering school to pursue external federal and foundational grants for industry related research. School sponsor(s) will have rights of first refusal to participate in such activities.

Schools – submit research interest statement concerning modular industry research in a one page executive summary including the following: institution, personnel and credentials, research topics of interest, and any seed funding/matching funding or in-kind donations available.

TRADE SCHOOLS, COMMUNITY COLLEGES, AND VOCATIONAL AND TECHNICAL SCHOOLS

Education

Provide speakers to schools to educate students about practical applications within modular industry.

Provide practicing tradesmen from member companies to provide demonstrations and hands-on guidance to a class or student group meeting.

Offer factory tours to showcase trades and how they are used in modular applications.

Attend career fairs to promote modular in the trades.

Internship

Internship or externship opportunities to have students working in the modular industry for credit and pay – reassessed annually

Schools – The school identifies interested students and secures application materials. School logs credit hour allotment per hour of work. Secure approval of MBIEF/MBICF Internship Guide with partnering institutions.

MBI member – Reports needs and qualifications for their company and pay scale. Member hires student(s) and pays during internship period negotiated (usually for summer 3 months or a semester 4 months during Fall or Spring semesters).