



Collaborative Expertise for Innovative Solutions

RE: Director's Message and Invitation

Dear Colleagues,

The Materials and Manufacturing Research Institute (MMRI) has been launched at the University of British Columbia (UBC) as a multidisciplinary and interdepartmental research hub fostering collaboration between researchers from the two campuses of UBC, as well as linkage with local, national and international industrial sectors for large-scale collaborative R&D initiatives. MMRI currently hosts five pillars/clusters with over 100 participating researchers from engineering, chemistry, physics, biology, medicine, health and exercise, computer science, social science, applied mathematics, and management disciplines. These clusters include:



- Aerospace and Transportation Materials and Manufacturing (ATMM)
- Biomedical and Biological Materials and Manufacturing (BBMM)
- Building and Construction Materials and Manufacturing (BCMM)
- Electromagnetic and Nanoscale Materials and Manufacturing (ENMM)
- Polymer and Natural Materials and Manufacturing (PNMM)

Under each cluster, we have one dedicated Lead from the Point Grey campus and one dedicated Lead from the Okanagan campus who direct and coordinate the cluster activities. The institute is also currently in the process of adding a sixth cluster specifically around applied data analytics and socioeconomic impact analysis for materials and manufacturing initiatives.

Hereby I cordially invite new faculty and industry members to join our teams under their primary cluster of interest by filling the membership form at: <https://mmri.ubc.ca/help-us-foster-collaboration>. Your profile will be part of an extensive database that we are building as a match-making tool for the upcoming call for proposals and connecting people, expertise and facilities.

Hereby I wish to take this opportunity and also thank each and every one of our exiting members who have provided tremendous support from the launching point of the institute to working closely with the management team over the past year to initiate multiple team-based grant opportunities. Undoubtedly, with your leadership in the projects and world-class expertise and experience in pertinent research areas of materials and manufacturing, this truly multidisciplinary institute can be made a role model in Canada by systematically linking basic and applied sciences and arriving at large-scale initiatives and impactful innovations for communities around us. I strongly believe collaborative expertise will be a key towards this success, not only between researchers within each cluster, but also between clusters as well as other institutes and partners.

Finally, on behalf of the management team and all members, I would like to acknowledge the UBC senior administrators who have put a considerable amount of excitement and support into our joint initiatives across the clusters.

Sincerely,

Abbas S. Milani, Ph.D., P.Eng.

Director - *MMRI*

Professor of Mechanical Engineering

..Please see the Membership Benefits next page..



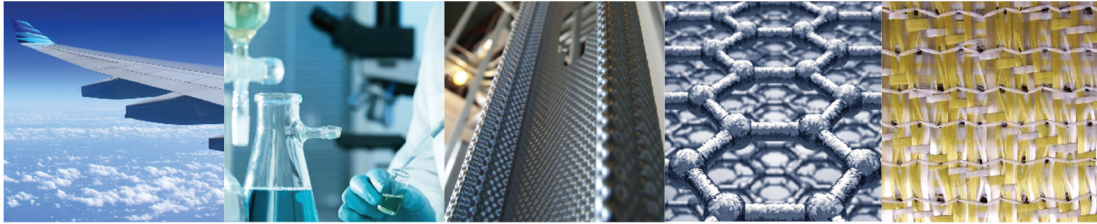
THE UNIVERSITY
OF BRITISH COLUMBIA

Materials & Manufacturing
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MMRI Membership Definition

Faculty members and industry delegates who have submitted and received the approval of their MMRI Research Profile (link below) are considered to be the formal members of the institute and will benefit from the following activities:

- Involve in large-scale grant applications as PI or co-PI as coordinated by the institute clusters.
- Receive support from the institute research staff, including grant writing and network facilitation with academia and industry at large, as well as administrative assistance including grant reporting and event organization.
- Receive calls for participation in the currently funded projects by industry and government.
- Be invited to the networking and workshop events aimed at building widespread connection between MMRI researchers from the two campuses of UBC, industry partners, and government organizations.
- Access to the facility of other research members with a minimal service fee as agreed in that lab.
- Access MMRI's shared computational/software tools; for use by faculty and students.
- Engage in multidisciplinary collaboration opportunities with external academic and industrial members (national and international) to join new or ongoing multi-institutional projects.
- Access to MMRI online matchmaking service to identify the required people, expertise, and facility for your new projects/program initiatives.
- Obtain assistance in promotion and publication of your research successes stories.
- Access to the past successful team-based LOIs and grant applications by the senior members.

For more information, please visit: <https://mmri.ubc.ca>

Membership form: <https://mmri.ubc.ca/help-us-foster-collaboration>