

Call for Expressions of Interest



2018 MCN Industry Engagement Program

The Melbourne Centre for Nanofabrication (MCN) is now seeking expressions of interest from industry partners for participation in the 2018 MCN Industry Engagement Program.

The program provides industry clients with a cost-effective avenue to carry out critical short-term R&D via an intern placed at the MCN.

Program Focus

The program aims to facilitate short-term R&D projects with local industry partners which leverage the unique capabilities and expertise housed at the MCN.

Eligible projects will:

- (i) possess strong alignment to MCN's core fabrication and characterisation capabilities;
- (ii) be of commercial significance to the industry partner; and
- (iii) provide a valuable professional and technical growth opportunity for the interns.

Framework

Project activity will be primarily supervised by the industry partner, with prioritised technical and operational support from MCN staff.

Project milestones/goals will be tuned to allow completion within a 2-6 month span and may be performed in a casual, part-time or full-time capacity depending on the availability of the candidates and the demands of the individual projects. Project activity will take place primarily at the MCN; however, off-site work at the industry partner's site will be permitted for up to 10% of total worked hours. Subject to funding limitations and project availability, industry partners may be able to access more than one intern. Following a shortlisting phase, industry partners will be invited to assist in candidate selection for their projects.

Key Dates and Contact

Deadline for industry expression of interest	31 January 2018
Shortlisting and candidate selection	February 2018
Program Launch	March 2018

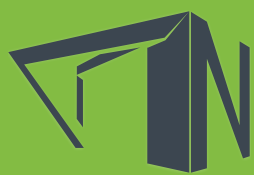
Key program features:

- MCN to cover the cost of internship labour for duration of project;
- MCN to provide 50% top-ups on pre-paid project funds (e.g. deposit \$10k, MCN adds \$5K);
- Industry partners retain all IP and outputs from project activity;
- Access to a pool of highly capable Bachelors and Masters engineering/physics interns; and
- Interns gain project leadership experience and develop skills through direct technical and operational support from both MCN staff and industrial partners.

Interested parties should fill out the attached **Expression of Interest** form email it to Internship@nanomelbourne.com.



Program Details



2018 MCN Industry Engagement Program

Program Structure

MCN and its industry partners agree to supply and drive/support a project that can be completed over a span of two to six months by a bachelors- or masters-level intern using (primarily) MCN's cleanroom fabrication capabilities. Further, they agree to provide a detailed project scope, anticipated milestones — with related timeline — and anticipated deliverables.

Program Coordinators:

Dr Sean Langelier (sean.langelier@nanomelbourne.com)

Dr John Zhu (john.zhu@nanomelbourne.com)

MCN

agrees to provide Interns with:

- Valuable project experience and professional training in the area of micro and nanotechnology
- An opportunity to participate in an industrially relevant fabrication-based project
- Opportunity to take ownership of an MCN-driven process development project
- Access to training and technical resources to facilitate project outcomes
- Computational resources for internet access and data storage
- Office space, stationary and adequate storage for personal items
- Laboratory space and project consumables as needed
- Electronic FOB access to the facility
- Safety briefing, facility induction and training for online booking system
- Clear expectations of professional etiquette and customer service standards both internally and externally

agrees to provide our Industry partners with:

- Full subsidisation of Intern's labour costs for the agreed upon duration of the project (not to exceed 36.75 hrs/week or 7.35 hrs/day)
- 50% top-up of pre-paid project funds for use of MCN instrumentation and staff assistance
- Local supervision of Interns (as needed) related to the project direction/scope
- A transparent pricing structure for access to MCN capabilities and staff engagement
- Monthly reporting/invoicing of intern activity to aid in budget tracking and project management
- Opportunity to participate in candidate selection
- On-site facilities for conducting periodic project meetings

Interns

agree to provide MCN with:

- Conscientious adherence to all MCN safety and operational policies
- Attendance at all required facility inductions and safety briefings
- Responsible tracking of working hours in the form of time sheets (not to exceed 36.75 hrs/week or 7.35 hrs/day)
- Responsible use of the online booking system for all project activities
- Regular reporting to MCN staff on project progress

agree to provide Industry partners with:

- Regular updates on current progress and future planning via emails, catch ups and phone calls with key stakeholders
- Periodic presentation of ongoing work and progress
- Willingness to travel to industry partner's site for project related activities and meetings (not to exceed 10% of total worked hours)

Industry Partners

agree to provide Interns with:

- The opportunity to work on an industrially relevant project using MCN's state-of-the-art micro/nanofabrication facility
- An introduction to the company's business and operational philosophy
- Access relevant background reading/materials necessary for completion of project objectives
- Insight into how their efforts fit into the structure or mission of the industry partner
- Opportunities to interface with key personnel in a technical or research capacity.
- Regular feedback on progress and project direction
- Opportunity to present findings to key stakeholders

agree to provide MCN with:

- Any IP agreements, NDAs/CDA's needed to facilitate project work
- Active engagement with regard to supervision of the project
- Assurances that offsite work (if required) should remain within scope of MCN internship program and not exceed 10% of total worked hours

Expression of interest form



2018 MCN Industry Engagement Program

Company: _____

Contact name: _____

Phone number: _____

Email address: _____

Project description:

Desired intern skills:

Expected project duration:
(Tick one)

- 2-3 months
- 3-5 months
- 5-6 months

Desired intern time requirements:
(Tick one)

- Casual
- Part time
- Full time



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www.nanomelbourne.com