

MELBOURNE CENTRE FOR NANOFABRICATION CUSTOMER CONTACT FORM

Please fill this form out as completely as possible. Incomplete forms may be returned for further details.

Name:

Date:

Email address:

Phone number:

Company/organisation/university:

Supervisor's details (if applicable):

1. Which of the following is your primary appointment at the organisation listed above?

☐ Academic staff

☐ Postgraduate student

☐ Non-academic staff

☐ Undergraduate student

☐ Research fellow/ Post Doc

2. Please give a short description of what you wish to accomplish during your engagement with the MCN?

Provide, where possible, process details and required instrumentation. (100 – 300 words)

3. Do you wish to perform the work yourself or would you like to engage an MCN staff member to perform the work on your behalf?

☐ Perform myself

☐ Not sure yet

☐ Engage MCN staff member (please skip questions 6-11)

4. Do you have a clear idea of the processes and tools you will require to complete your project?

☐ Yes

☐ No

We are pleased to offer all clients a confidential consultation to assess how we can best meet your needs and to work with you to create a training plan. The first consultation up to one hour is free of charge and obligation free. Further design and/or fabrication process consulting is available at standard rates of \$60 per hour (academic clients) or \$120 per hour (Industry clients).

5. Do you have any particular time constraints or deadlines of which we should be aware?

6. Do you have any prior experience working in a cleanroom environment?

☐ Yes

☐ No

7. If yes, please describe where you gained this experience and the tools that you utilized and for how long you worked in this environment:

8. MCN offers a wide range of fabrication and characterisation tools and processes. To allow us to assist you more efficiently, please indicate which areas are most likely to be relevant to your project.

- | | |
|--|---|
| ☐ Electron Beam Lithography | ☐ Laser Doppler Vibrometry |
| ☐ Focused Ion Beam Lithography | ☐ Profilometry |
| ☐ Photolithography | ☐ Laser Scanning Confocal Microscopy |
| ☐ Direct Write Lithography | ☐ Laser TIRF (Total internal reflection fluorescence) microscopy |
| ☐ Hot embossing/ Nano imprint lithography | ☐ Hyperspectral Imaging |
| ☐ Atomic Layer Deposition thin films | ☐ Microspectrometry |
| ☐ Electroplating thin films | ☐ Particle/zeta potential characterisation |
| ☐ E-beam Evaporation thin films | ☐ UV Vis spectroscopy |
| ☐ Thermal Evaporation thin films | ☐ Microarraying |
| ☐ Sputtering thin films | ☐ Etching |
| ☐ Plasma Enhanced Chemical Vapour Deposition thin films | ☐ Polymer/organic electronics tool suite. |
| ☐ Microwave Enhanced Diamond Deposition | ☐ 3D polymer printing |
| ☐ Scanning Electron Microscopy | ☐ PC2 laboratory |
| ☐ Atomic Force Microscopy | ☐ PFQNM |
| ☐ Ellipsometry | ☐ Other (please specify over page) |

8. Continued

9. What area(s) does your project best fall under?

- | | |
|---|---|
| ☐ Energy | ☐ MEMS |
| ☐ Biosensing | ☐ Optics |
| ☐ Micro and Nanofluidics | ☐ Medical Bionics |
| ☐ Nanomedicine and drug delivery | ☐ Other (please specify below) |

10. Have you performed a review of the scientific literature? If so, please list the two to three most relevant publications in the space provided.

11. If there are any publications relevant to this project which you have authored/co-authored, please feel free to attach them with this form.

Please note: publications should aim to support your project description and not be provided in place of one.

Please submit this form to mcn-enquiries@nanomelbourne.com

A MCN staff member will respond to your request within two working days.