

APPLICATION TO COMPETITION FOR SUBSIDIZED PRICING ON CMC MICROFLUIDIC CARRIER PLATFORM

Applicant Name (Faculty):
University:
Applicant E-Mail Address:
Primary Researcher Name:
Primary Researcher E-Mail:

Please note: All applications will be Peer Reviewed against the Effectiveness Criteria, available at: http://www.cmc.ca/products/documents/effectiveness_criteria.pdf

GENERAL REQUEST DETAILS:

Indicate which Carrier Platform bundle or optional equipment you are applying for and number of copies requested:

	Peer Reviewed Price	Number of Carrier Platform Elements Requested
Basic Platform configurations		
Bundle 1: Fixture with basic fluidic fittings	\$700	
Bundle #2: Fixture with basic fluidic fittings and sensors	\$2200	
Optional equipment		
Demonstration chip	\$75	
Personal computer	\$1200 (Standard academic price)	
Data acquisition cards for PC	\$1200	
Syringe pump plus fittings	\$1200	
LIF microscope, stage and controller	\$18,000 (Standard academic price)	
PXI-based FPGA development station	starting at \$17,500 (Standard academic price)	
Specify Requirements:		
Additional flow meter	\$1000	
Sensor kit (upgrades bundle #1 to bundle #2)	\$1500	

SECTION I: CONTRIBUTION TO MICROSYSTEMS RESEARCH

1a. Provide an overall goal of this research and a brief description of the project for which the equipment is required. State clearly the novelty of the design and/or application.

1b. Provide reference for papers (conference or journal), produced by members of your research team within the last three years, that are most relevant to this project (maximum 5 papers in total).

SECTION II: CONTRIBUTION TO THE DEVELOPMENT OF HIGHLY-QUALIFIED PERSONNEL

2a. Describe the research team (accountable faculty, graduate students, and research associates) for this project (primary investigators first):

Name	Position	% of time committed to project
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SECTION III: INDUSTRIAL RELEVANCE

3a. Is this project part of a collaboration with industry or other external agencies: If yes, go to 3b. If no, explain why not:

3b. If yes, please provide the following information for each:			
Organization	Contact	Support Description	% of Total Project Budget

3c. Describe the support (e.g. funding, facilities) available for this project:

SECTION IV: ECONOMIC AND SOCIAL BENEFITS TO CANADA

4a. Indicate existing or potential commercial outcomes or other economic / social benefits to Canada (e.g. technology licenses, disclosures, patents or start-ups)

4b. List any contributions your team has made to the National Design Network (CMC-Supported University Microsystems Environment) in the last three years (e.g., designs, tools, services, tutorials, application notes, participation on the CMC Technical Advisory Committee (TAC), etc.)

SECTION V: COLLABORATION

5a. Is this research part of an existing or potential collaboration with another department within your university? If yes, indicate department and primary researchers involved.

5b. Is this research part of an existing or potential collaboration with a different university? If yes, indicate the university, department and primary researchers involved.

SECTION VI: DEMONSTRATED NEED FOR RESOURCES

6a. Explain why CMC's assistance is necessary to access the services/support you are requesting.

6b. Does this project contribute to the postgraduate degree work of student(s)?

6c. If yes, how?

6d. If this is required for Journal/Publication or Conference Paper, please indicate Publication & Target Submission Date.

Please fill out this PDF version of the application form, and submit your application to Sarah Neville, at neville@cmc.ca

CMC will use information collected during this activity for business purposes and to perform various quantitative and qualitative analyses. Information collected during this activity may be maintained at our discretion for an indefinite period of time.