

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
MASTER'S THESIS EXAMINATION

CANDIDATE: *Shahad Shakir*
Bachelor of Engineering, Carleton University, 2020

DATE: *Wednesday January 11, 2023, 9:30 Video Conference*

THESIS TITLE: *Morphological Effects of the Microenvironment Structure on Human Fetal Lung Fibroblast Cells*

EXAMINATION BOARD:

Internal Examiner	Rebecca Thornhill	(Video Conference)
Member of Joint Institute	Philippe St-Pierre, Chemical & Biological Engineering - University of Ottawa	(Video Conference)
Thesis Supervisor	Andrew Speirs, Mechanical & Aerospace Engineering	(Video Conference)
Thesis Co-Supervisor	Leila Guidolin, Systems & Computer Engineering	(Video Conference)
Chair of Defence	Chao Shen, Systems & Computer Engineering	(Video Conference)
Chair/Director of Department or Designate	Ronald Miller	(Ex-officio)
Dean of Faculty	Larry Kostiuk	(Ex-officio)
Dean, Faculty of Graduate and Postdoctoral Affairs	Patrice Smith	(Ex-officio)

Ronald Miller, Chair/Director of Department or Designate
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