



College of Graduate Studies and Research

Room C180 Administration Building, 105 Administration Place, Saskatoon SK CANADA S7N 5A2
Telephone (306)966-5751, Fax: (306)966-5756, General E-mail: grad.studies@usask.ca

Alsufyani FAMILY/ SURNAME / LAST NAME	Adel GIVEN NAME(S)	11074343 STUDENT NUMBER
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I hereby certify that the above student, who is a candidate for the degree of: M.Sc.

in the Department/College of: Biology

has met all the requirements for its award.

Date of first registration in courses accepted for credit toward this master's degree: 01-Sept-2010

- Total number of credit units: 9
- List Transfer credit courses taken at other universities and recommended for credit. Official transcripts and U of S course equivalency are included: _____
- Other requirements (e.g., prerequisites, practical, clinical work, conditions) fulfilled for credit (give year/ mark if applicable):
PLSC 865.3 (201101 - 74%); BIOL 836.3 (201109 - 73%); BIOL 811.3 (201201 - 76%)
- Grade Point Average: 74.34

Advisory Committee (include academic unit):

	NAME	ACADEMIC UNIT
CHAIR	Jack Gray	Biology
RESEARCH SUPERVISOR	Chris Todd	Biology
OTHER MEMBERS	Peta Bonham-Smith	Biology
	Yangdou Wei	Biology
EXTERNAL EXAMINER	Gordon Gray	Plant Sciences

- Thesis Title (if appropriate) - as it appears on the title page and front cover of thesis:

Investigating dynamic spatial interactions between mitochondria and ER in living plant cells and their possible role in controlling mitochondrial calcium flux."

On behalf of the Department/College, I recommend that the candidate's name go forward to the Faculty of the College of Graduate Studies and Research for award of this degree. I certify that all core courses and examinations required by the department/college have been completed.

Jack Gray

(Authorizing Unit Head - PLEASE PRINT)

[Signature]

(Authorizing Unit Head - SIGNATURE)

DATE SUBMITTED: 10-Sept-14



**UNIVERSITY OF
SASKATCHEWAN**

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GSR 403.3

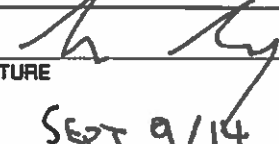
**Oral Defence Report of the Dean's
Designate / Graduate Chair
(Master's and Ph.D. Degree)**

DATE OF ORAL DEFENCE: August 20, 2014

ALSUFYANI, Adel	11074343	Biology	M.Sc.
STUDENT NAME	STUDENT NUMBER	PROGRAM	DEGREE

THESIS TITLE: Investigating dynamic spatial interactions between mitochondria and ER in living plant cells and their possible role in controlling mitochondrial calcium flux.

EXAMINING COMMITTEE'S RECOMMENDATION: 2
A vote must be taken. The Committee should choose from Recommendation 1, 2, 3, 4 or 5, whichever is applicable (see *Policies and Procedures for Masters and Ph.D. Defences*). Where the External Examiner does not share the majority view regarding the outcome of the defence, the examination shall be adjourned; the External Examiner shall write a report to the Dean indicating why he or she could not support the majority opinion of the Examining Committee, and the Dean will review the situation and establish appropriate procedures to resolve the matter. In addition, the Dean's designate/chairperson must submit a written assessment of the examination. The Dean's designate/chairperson should provide a report on the defence process regardless of the outcome. All reports must be copied to the department head.

External Examiner: Gordan Gray	 SIGNATURE
Affiliation: Department of Plant Sciences	


AUG. 20, 2014
Date

JACK GRAY
Dean's Designate (Ph.D./Department Head or Graduate Chair (Master's) - PRINT NAME


Dean's Designate (Ph.D./Department Head or Graduate Chair (Master's) - SIGNATURE

AUGUST 20, 2014
Date

CHRIS TODD
Supervisor - PRINT NAME


Supervisor - SIGNATURE