

# Carnegie Mellon University

## Mellon College of Science

### THESIS CERTIFICATION

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF

Doctor of Philosophy

#### THESIS INFORMATION

THESIS TITLE:

PRESENTED BY: \_\_\_\_\_ ANDREW ID: \_\_\_\_\_  
*Student Name (printed)*

ACCEPTED BY THE DEPARTMENT OF:

#### REQUIRED SIGNATURES

MAJOR PROFESSOR NAME (PRINTED): \_\_\_\_\_

MAJOR PROFESSOR SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DEPARTMENT HEAD NAME (PRINTED):

DEPARTMENT HEAD SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

#### APPROVED BY THE COLLEGE COUNCIL

DEAN SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
*Rebecca W. Doerge, Glen de Vries Dean, Mellon College of Science*