DOCTORAL APPROVAL PAGE

Name of Student _	
Email address(s)	

I hereby certify that I have obtained the necessary permission for copyrighted material included in my dissertation and choose that the document be placed in the eTD archives with the following status:

_____1. **OPEN ACCESS** — Allows worldwide access to the entire work beginning immediately after degree conferral.

<u>2</u>. **PENN STATE ONLY** — Access restricted to Penn State users only for a period of two years. Allows access to the entire work by those having active Penn State Access Accounts beginning immediately after degree conferral. After two years, status will change to Open Access. NOT TO BE USED FOR DISSERTATIONS CONTAINING PATENTABLE INFORMATION.

3. **RESTRICTED** — Restricts entire work for a period of two years for patent and/or proprietary purposes. After two years, status will change to Open Access. THIS OPTION IS ONLY FOR DISSERTATIONS CONTAINING PATENTABLE INFOR-MATION. INVENTION DISCLOSURE MUST BE FILED WITH THE INTELLECTUAL PROPERTY OFFICE PRIOR TO SUBMISSION OF THE FINAL DISSERTATION. ID form confirmed by T.O. staff_______

Signature of Student

Date

FACULTY APPROVAL

We *accept and approve* the dissertation of the student named above and agree to distribution as indicated.

Signature	Date
Print name here	
Signature	Date
Print name here	
Signature	Date
Print name here	
Signature	Date
Print name here	
Signature	Date
Print name here	
Signature	Date
Print name here	
Department Head or Chair of Graduate Program	
Signature	Date
Print name here	