

---

**CERTIFICATION OF FINAL FORM OF AN *ELECTRONIC* THESIS OR DISSERTATION (ETD)**

---

**Both the author and the committee chair or director, as well as all his/her designee/ committee members of a dissertation or thesis, are expected to carefully proofread the final manuscript before it is submitted for the approval of the Dean of Graduate Studies.**

The author and committee chair/or director each declare that the following conditions have been met:

1. All changes required by the dissertation or thesis committee have been incorporated into the electronic manuscript; the respective changes have been incorporated and submitted into the ETD-UNM Digital Repository, Collection-Graduate Studies archive in the University Libraries at the University of New Mexico.
2. The manuscript is essentially perfect with regard to its physical condition and form (margins, paper size and quality, spacing, type fonts); the electronic UNM Digital Repository manuscript has been submitted in good form and appropriate format.
3. The electronic manuscript is complete and properly arranged (all appropriate sections are included, and all pages are numbered and in proper order);
4. The electronic manuscript is without errors in the use of language (grammar, spelling, punctuation);
5. The electronic manuscript is complete and has met the program degree requirements for the degree. The final electronic manuscript has been submitted to the ETD- UNM Digital Repository collection library archive. The electronic manuscript is complete for Graduate Studies final electronic review and approval.

The Dean of Graduate Studies will have final authority with regard to the standards of quality listed above. Failure to meet these standards will result in the return of the manuscript to the student, and could cause the student's graduation to be delayed.

---

We have carefully read the electronic manuscript in its final form, and affirm that it conforms to the standards listed above and is acceptable for ETD-UNM Digital Repository electronic approval for the final active submission to the ETD-UNM Digital Repository Collection-Graduate Studies.

---

Author (Print Name)

---

Committee Chair (Print Name)

*Vittoria Totaro*

*Agustín Leon-Moreta*

4/15/18

Author (Signature)

Date

Committee Chair (Signature)

Date

**Grad Studies Use Only**

\_\_\_\_\_  
Dean of Graduate Studies

\_\_\_\_\_  
Date