**Request for Permission to Include Previously Published or Co-Authored Material**

**Date**: *Fill in date of request*

**From**: *Must be* c*hair of dissertation committee*

**To:** Associate Dean of the Graduate Division for Academic Affairs

Graduate Services: Degrees, 318 Sproul Hall

**Re:** Andrew Voyles*, SID 25948801, Major: Nuclear Engineering, andrew.voyles@berkeley.edu*

I am writing to ask for permission for the dissertation of the above named student to use coauthored and/or previously published material, as follows:

* **Andrew S. Voyles**, Lee A. Bernstein, Eva R. Birnbaum, Jonathan W. Engle, Stephen A. Graves, Toshihiko Kawano, Amanda M. Lewis, and Francois M. Nortier, *Excitation functions for (p,x)reactions of niobium in the energy range of Ep = 40–90 MeV.* Nuclear Instruments and Methods in Physics Research B, 429 (2018) 53–74. <http://dx.doi.org/10.1016/j.nimb.2018.05.028>
* **A.S. Voyles**, M.S. Basunia, J.C. Batchelder, J.D. Bauer, T.A. Becker, L.A. Bernstein, E.F. Matthews, P.R. Renne, D. Rutte, M.A. Unzueta, and K.A. van Bibber, *Measurement of the 64 Zn, 47 Ti(n,p) Cross Sections using a DD Neutron Generator for Medical Isotope Studies*. Nuclear Instruments and Methods in Physics Research B, 410 (2017) 230–239. <http://dx.doi.org/10.1016/j.nimb.2017.08.021>

The student named was involved in the published/coauthored research in a role that makes it appropriate to claim a role as author of the work as an original contribution to research. The previously published work forms part of a larger coherent argument appropriate for the graduate degree for which the student is a candidate.

Statements agreeing to the use of co-authored work are included with this letter.

*Identify those co-authors who had* ***central roles*** *in the research and writing, from whom written permission normally must be obtained.*

*The dissertation chair's letter should explain circumstances that justify proceeding without explicit permission from any authors from whom permission was not/could not be obtained.*

*This may include identifying some co-authors who mainly had a supporting role, such as providing laboratory or instrumentation assistance, and whose explicit permission may be less critical.*

*If any co-authors can no longer be reached (due to changes in employment, for example) this should be stated.*

***The letter should be submitted along with the first page of each article (showing title and all authors); and printed copies of permissions received. Permissions received as email are acceptable.***

***The request must be received by Graduate Services Degrees office at 318 Sproul Hall no later than three weeks before the intended filing date.***