

## Declaration of co-authorship at DTU

If a PhD thesis contains articles (i.e. published journal and conference articles, unpublished manuscripts, chapters, etc.) written in collaboration with other researchers, a co-author statement verifying the PhD student's contribution to each article should be made.

If an article has four or less authors (including the PhD student), all authors must sign the statement.

If an article has more than four authors, the statement may be signed by a representative sample, cf. article 12, section 4 and 5 of the Ministerial Order No. 1039, 27 August 2013. A representative sample consists of minimum three authors, not including the PhD student. The main author of the article must always sign the statement.

DTU has implemented the Danish Code of Conduct for Research Integrity, which states the following regarding attribution of authorship:

"Attribution of authorship should in general be based on criteria a-d adopted from the Vancouver guidelines<sup>1</sup>, and all individuals who meet these criteria should be recognized as authors:

- a. Substantial contributions to the conception or design of the work, or the acquisition, analysis, or interpretation of data for the work, *and*
- b. drafting the work or revising it critically for important intellectual content, *and*
- c. final approval of the version to be published, *and*
- d. agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved."<sup>2</sup>

For more information regarding definition of co-authorship and examples of authorship conflicts, we refer to DTU Code of Conduct for Research Integrity (pp. 19-22).

By signing this declaration, co-authors permit the PhD student to reuse whole or parts of co-authored articles in their PhD thesis, under the condition that co-authors are acknowledged in connection with the reused text or figure.

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<sup>1</sup> International Committee of Medical Journal Editors – Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals, updated December 2016

<sup>2</sup> DTU Code of Conduct for Research Integrity (E-book p. 19)

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| <b>Declaration of the PhD student's contribution</b>   |   |   |
| <i>For each category in the table below, please specify the PhD student's contribution to the article as appropriate (please do not fill in with names or x's)</i> |   |   |
| <b>Category</b>  | <b>Minor contribution to the work</b><br><i>(please specify the nature of the PhD student's contribution)</i> | <b>Substantial contribution to the work</b><br><i>(please specify the nature of the PhD student's contribution)</i>   |
| <b>Formulation of the conceptual framework and/or planning of the design of the study including scientific questions</b>   |   | <ul style="list-style-type: none"> <li>Litterature review conducted</li> <li>Research objective and specific research question developed</li> <li>Research methodology established</li> </ul>                       |
| <b>Carrying out of experiments/data collection and analysis/interpretation of results</b>  | <ul style="list-style-type: none"> <li>Industry case approach defined</li> </ul>                              | <ul style="list-style-type: none"> <li>Case study developed for reaching objectives</li> <li>Analysis of data and interpretation of results</li> <li>Developed the linkages between case and the subject</li> </ul> |
| <b>Writing of the article/revising the manuscript for intellectual content</b>   | <ul style="list-style-type: none"> <li>2 iterations through internal review</li> </ul>                        | <ul style="list-style-type: none"> <li>Tables and Figures developed</li> <li>First drafts of the complete manuscript</li> <li>3 improvement cycles completed with journal editors</li> </ul>                        |
| <b>Signature of the PhD student</b>  |   |   |
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