

Deputy Vice-Chancellor's Office  
Postgraduate Office

## Co-Authorship Form

This form is to accompany the submission of any thesis that contains research reported in co-authored work that has been published, accepted for publication, or submitted for publication. A copy of this form should be included for each co-authored work that is included in the thesis. Completed forms should be included at the front (after the thesis abstract) of each copy of the thesis submitted for examination and library deposit.

Please indicate the chapter/section/pages of this thesis that are extracted from co-authored work and provide details of the publication or submission from the extract comes:

*Chapter 2 has appeared in a modified form as: McRae, N.K., Gaw, S., Glover, C.N. 2016. Mechanisms of zinc toxicity in the galaxiid fish, *Galaxias maculatus*. Comparative Biochemistry and Physiology C, 179: 184-190.*

Please detail the nature and extent (%) of contribution by the candidate:

*Contribution: 90%*

*The candidate was assisted by the co-authors in experimental design, and the co-authors also assisted in editing the manuscript for publication. The candidate did all of the experimental work, data analysis and prepared the first draft of the publication.*

### Certification by Co-authors:

If there is more than one co-author then a single co-author can sign on behalf of all

The undersigned certifies that:

- The above statement correctly reflects the nature and extent of the PhD candidate's contribution to this co-authored work
- In cases where the candidate was the lead author of the co-authored work he or she wrote the text

Name: *Chris Glover*

Signature: 

Date: *Feb 27, 2017*

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Please indicate the chapter/section/pages of this thesis that are extracted from co-authored work and provide details of the publication or submission from the extract comes:

*Chapter 4 is currently under revision with Environmental Toxicology and Chemistry as: McRae, N.K., Glover, C.N., Burkett, S.R., Brooks, B.W. and Gaw, S. Acute exposure to environmentally-relevant concentrations of diclofenac elicits oxidative stress in the galaxiid fish, *Galaxias maculatus*.*

Please detail the nature and extent (%) of contribution by the candidate:

*Contribution: 85%*

*The candidate was assisted by the co-authors in experimental design, and the co-authors also assisted in editing the manuscript for publication. The candidate had some minor assistance in experimental work and data analysis, but did the vast majority of this herself, including the work performed at Baylor University. The candidate also prepared the first draft of the publication.*

### Certification by Co-authors:

If there is more than one co-author then a single co-author can sign on behalf of all

The undersigned certifies that:

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