


Statement of Authorship for joint/multi-authored papers for PGR thesis

To appear at the end of each thesis chapter submitted as an article/paper

The statement shall describe the candidate's and co-authors' independent research contributions in the thesis publications. For each publication there should exist a complete statement that is to be filled out and signed by the candidate and supervisor (**only required where there isn't already a statement of contribution within the paper itself**).


Title of Paper	Unbiased MLMC stochastic gradient-based optimization of Bayesian experimental designs
Publication Status	Accepted for publication
Publication Details	Takashi Goda, Tomohiko Hironaka, Wataru Kitade, Adam Foster (2021). Unbiased MLMC stochastic gradient-based optimization of Bayesian experimental designs. SIAM Journal on Scientific Computing (to appear).

Student Confirmation

Student Name:	Adam Foster		
Contribution to the Paper	Fourth author. Contributed to the development of the paper, including the use of reparametrization. Editing of the entire manuscript, including proofs.		
Signature		Date	25/10/2021

Supervisor Confirmation

By signing the Statement of Authorship, you are certifying that the candidate made a substantial contribution to the publication, and that the description described above is accurate.

Supervisor name and title: Dr Tom Rainforth			
Supervisor comments I have verified Adam's above account with the lead author of the paper.			
Signature		Date	26/10/21

This completed form should be included in the thesis, at the end of the relevant chapter.