**NIHR/MRC TMRP Adaptive Designs Working Group: Membership Expression of Interest**

The Adaptive Designs Working Group focuses on the development and implementation of efficient clinical trial designs and a more detailed description about the working group can be found at the next page.

We are seeking members currently active in relevant trials methodology to contribute to research and dissemination activities, via a number of sub-groups focusing on topic areas.

We will also maintain a mailing list of ‘affiliate’ members, to provide regular updates about working group activity.

Membership will be inclusive and reviewed annually. We wish to include key collaborators, academic researchers, trialists, clinicians, early career researchers, TMRP PhD students, PPI, industry representatives and ensure a mix of gender, career stage, geographical location and disciplines.

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| **If you wish to connect with Working Group, please complete the information below:** |
| **Name** |  |
| **Institution** |  |
| **Job Title**  |  |
| **Email**  |  |
| **If you wish to be an affiliate member only, please tick box ** |  |
| **If you wish to additionally apply for full membership, please complete the following details:** |
|  |
| **Gender**  |  |  **Are you an Early Career Researcher?** | *Yes / No* |
|  |
| **Are you linked to any of the following?*****Tick all that apply*** | **Registered CTU** |  |
| **Other TMRP Working group** *(please specify)* |  |
| **MRC TMRP PhD student** |  |
|  |
| **I can contribute to the Working Group in the following topic areas:*****Tick all that apply*** | Training materials for adaptive designs  |  |
| Costing of adaptive designs |  |
| Estimation after adaptive designs |  |
| Outreach to patients and public |  |
| Other: (please specify) |  |
| Provide a brief statement, outlining your research activity aligned to the Working Group’s topic areas  |  |
| **Please return this Expression of Interest to** pallmannp@cardiff.ac.uk and sofia.villar@mrc-bsu.cam.ac.uk |

**Adaptive Designs Working Group**

Objectives

The Adaptive Designs Working Group (ADWG) works in partnership to undertake cutting edge research on the topic of adaptive designs for clinical trials, to increase uptake of adaptive methods and forge lasting collaborations. The working group links with key stakeholders, such as regulators and industry in this important area for improving the speed and efficiency of trials.

Besides undertaking research on methods for adaptive designs, our group aims to play a vital role in increasing the implementation of adaptive design methodology. The future plans for this group include continued annual meetings, strengthening the engagement with CTUs, industry and regulators and collaborative inter-partnership visits to develop novel adaptive designs.

Alongside fit for purpose research, the group is focusing its efforts on preparing tutorial papers for applied journals and mainstream medical journals; delivering presentations and lectures to raise awareness amongst patients, medical professionals and others and to increase uptake of methods amongst stakeholders; and the development of computer software to help researchers to undertake trials with adaptive designs. Moreover, it seeks to represent innovative trial designs on advisory groups and within relevant stakeholder groups.

Research areas to target

The group’s research interests include: adaptive crossover designs, adaptive randomisation, Bayesian adaptive designs, Biomarker-adaptive designs, cluster-randomised / stepped-wedge designs, dose-finding trials, dose-ranging trials, group-sequential designs, multi-arm multi-stage designs, sample size re-estimation, trials for small populations and designs for trials that will run in challenging conditions.

Membership

Membership to the working group is open to all with an interest in research on or implementation of adaptive designs. Membership will be reviewed annually and is contingent on active participation in the group’s activities.

The group is led by co-chairs Dr Sofia Villar and Dr Philip Pallmann and together with Prof James Wason (liason to Stratified Medicines working group), Dr Laura Flight (early stage researcher) and Chris Harbron (industry representative) form the steering group of the ADWG.

Collaborations

The ADWG works in close collaboration with CTUs and the pharmaceutical industry and seeks to strengthen links with other important stakeholders such as regulators and patients. Moreover, it works in close collaboration with the Stratified Medicines Working Group.