Development of large diameter front surface lens designs and their effects on peripheral refraction and ocular aberrations (Phase one)

Researchers at The University of New South Wales are seeking volunteer research participants to learn about the effect of change in large diameter contact lens design on the peripheral focus of the eye. Novel contact lenses of customised front surface design will be fabricated and fitted on the eye to determine their optical effects.

Would the research project be a good fit for me?
The study might be a good fit for you if you meet these criteria:

- Between 18 to 40 years
- Long or short sightedness less than 4.00DS and astigmatism less than -1.00 DC
- No prior rigid contact lens wear
- Good ocular and general health

What would happen if I took part in the research project?
If you decide to take part:

- You would attend a preliminary session to collect baseline measurements and conduct lens fitting which may take up to 1 hour
- Lenses will be ordered based on corneal mapping
- Four sessions of lens wear will be required and each session will take about 8 hours
- Study variables including visual acuity, corneal shape mapping, peripheral refraction and lens fitting measurements will be measured during each lens wear session at different time intervals (10 minutes, 1, 2, 4 and 8 hours). Each measurement visit during the 8 hour lens wear session will take less than 30 minutes
- A minimum washout period of 3 days and preferably up to 1 week will be allowed in between sessions

Will I be paid to take part in the research project?
You will be reimbursed for the costs associated with travel/parking and a small financial reimbursement associated with the time spent in the form of a $100 gift voucher at the completion of the study.

Who do I contact if I want more information or want to take part in the study?
If you would like more information or are interested in being part of the study please contact:

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