



## A welcome message from PPIE lead, Olivia Grant

I hope you have had a reasonable summer, though weather in Newcastle has been very mixed! Hopefully, my email has brought you up to date with the hiatus in getting in touch, organising and planning. However, I am pleased to say that new people are joining AIM and have started as researchers, so considerable impetus is returning. We are looking for PPIE colleagues to support several themes and groups. As well as regular meetings of WPs 1 and 2 and now work packages 3 and 5. Detail of the requests is attached on page 2. In addition, Newcastle has been successful in achieving a major grant from NIHR to run a PSRC, (Public Safety Research Collaboration). There is a very close relationship between the work of the PSRC as Public Safety and several other areas of research directly relate to AIM. We are keen to tell you about this work that can feed in directly to both AIM and the PSRC. Additional information is available from me, or Alex and we can send this to any or all of you. So please do get in touch.

## PSRC Work

- Safer management of polypharmacy in multiple long-term conditions (MLTCs) [Prof Adam Todd]
- Safer integrated health and social care environments [Prof Neil Watson]
- Safer management of multiple long-term conditions (MLTCs) in disadvantaged communities [Prof Clare Bamba]
- Artificial intelligence and Data Science in multiple long-term conditions (MLTCs) [Professor Nick Reynolds]

## Impact from PPIE sessions

Following some interesting and thought-provoking introduction to data and AI sessions, our PPIE contributors attended discussion groups for work package 1. Discussion was generated around key issues such as what data is (and is not) available from patient health records, ethical implications and suggestions for outcome and predictor variables to be included in analysis models.

Researchers from WP1 showed increasing interest and engagement in PPIE contributions throughout, told us how valuable they found the input and indicated ways in which that input was having an impact .



Immediate outcomes included: that the team will review the Outcomes Framework and will consider any suitable outcome measures for inclusion in analysis. The feasibility of including Quality Life Adjusted Years (QALY) as an outcome using CPRD data will be investigated and if further data is needed to enable this inclusion, then this data will be sought from CPRD. If feasible both QALY and misdiagnosis will be included as outcomes.

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