

**M**ethodological  
**I**nnovation  
**D**evelopment  
**A**daptation &  
**S**upport



**MIDAS Cross-Cutting Theme**

Update on Progress  
(October 2019 to June 2020)

[ARCNWC-MIDAS@uclan.ac.uk](mailto:ARCNWC-MIDAS@uclan.ac.uk)



# MIDAS – Who are we?

## MIDAS Team

- Katharine Abba (Qualitative and Mixed Methods)
- Valerio Benedetto (Health Economics and Economic Modelling)
- Paul Boland (Evidence Synthesis)
- Danielle Christian (Evidence Synthesis)
- Andrew Clegg (Evidence Synthesis and Economic Evaluations)
- Alison Doherty (Evidence Synthesis and Qualitative Research)
- Luis Filipe (Health Economics)
- Mark Goodall (Quantitative and Mixed Methods)
- Cath Harris (Information Specialist)
- Jo Harrison (Evidence Synthesis)
- James Hill (Evidence Synthesis and Health Informatics)
- Ana Porroche-Escudero (Health Equity)

# MIDAS - What do we do?

Methodological support that underpins all applied research in health, wellbeing and social care

<b>Research</b>	Help develop and deliver applied research, provide guidance on research methodology
<b>Training &amp; Education</b>	Provide training and education on different research methodologies
<b>Network Development</b>	Support development, and coordination of, networks of people with an interest in different research methodologies
<b>Methodological Innovation</b>	Undertake research to develop new, or adapt existing, methods for conducting research to meet the needs of ARC members and local communities
<b>Dissemination &amp; Implementation</b>	Disseminate evidence to assist with development and delivery of clinically and cost-effective health & social care services

All MIDAS's activities underpinned by:

**Health Equity, Patient & Public Involvement & Engagement, Co-production, Capacity-building**

# MIDAS – *What we have achieved*

## GRANT APPLICATIONS

- Co-applicants on 20 grant applications totalling £3.6m
- Awarded 3 grants totalling £142,369

## RESEARCH PROJECTS

### **Systematic Reviews (11 reviews)**

- Continuous quality improvement for developing professional practice & improving healthcare\*
- Barriers & facilitators to deprescribing in primary care\*
- Prevalence of co-morbidities associated with complex conditions (epilepsy & rheumatoid arthritis)
- Prevalence of, and interventions to manage, psychological conditions associated with pandemics
- Psychological interventions used in motivating people to access and maintain participation in social prescribing and wellbeing activities
- Impact of implementation strategies adopted in oral health interventions of older people in long-term facilities
- Barriers & facilitators of quality improvement collaboratives to improve stroke care

\* - Completed & published

# MIDAS – *What we have achieved*

## RESEARCH PROJECTS (cont'd)

### Rapid Conversions of Evidence Summaries (RaCES) [7 published; 3 in press]

- Hill, J. and Hare, M. (2019). Statins used for secondary prevention in patients with stroke reduce the risk of further ischaemic strokes and cardiovascular events. Evidence Based Nursing, pp.ebnurs-2019-10313
- Harrison J, Timoroksa A-M, Gregary B, Hill JE. (2020) Adopting evidence-based guidelines for acute stroke care: barriers and enablers for health professionals. British Journal of Neuroscience Nursing, 16 (1). ISSN 1747-0307.
- Palmer K, Hill J, Clegg A. One in 10 hospitalised patients have a pressure injury worldwide Evidence-Based Nursing Published Online First: 12 May 2020. doi: 10.1136/ebnurs-2020-103276
- Hill J, Doherty A, Firestone J. Oral health should be considered when working with adults with intellectual disabilities, and larger, higher-quality studies in this area are needed Evidence-Based Nursing Published Online First: 23 October 2019. doi: 10.1136/ebnurs-2019 103171
- Hill JE, Sange C, Clegg A. (2020) Alpha2 agonist dexmedetomidine may reduce duration of delirium in critically ill adults. Evidence-Based Nursing. ISSN 1367-6539
- Hill J, Smith C, Clegg A. Probiotics may be considered for children and adults with cystic fibrosis. Evidence-Based Nursing Published Online First: 13 May 2020. doi: 10.1136/ebnurs-2020-103272
- Palmer K, Hill JE, Clegg A. (2020) There is inconsistency in the effect of empathy training for healthcare professionals and students. Evidence-Based Nursing. ISSN 1367-6539

# MIDAS – *What we have achieved*

## MIDAS – TRAINING AND EDUCATION

- Co-developed survey to identify ARC NWC Members' training needs (launched in September 2020 to all member organisations through research leads)
- Supported public / patient engagement e.g. 'Train the Trainers' programme

## MIDAS – NETWORK DEVELOPMENT

- Identified people in 5 NWC universities with methodological expertise to invite to be members of MIDAS Methodological Sub-Themes (establish sub-themes from September 2020)
- Working with Clinical Research Network/ Research Design Service/ Innovation Agency / Voluntary Sector and exploring cross-collaboration on major priorities

# MIDAS – *What we have achieved*

## MIDAS –DISSEMINATION & IMPLEMENTATION

- 22 journal papers
- 9 conference posters / presentations
- 7 blogs
- 1 magazine article
- 1 newspaper article
- 1 radio interview
- 1 NIHR BITE
- 3 published research protocols
- 1 book chapter

# MIDAS – *What we have achieved*

## MIDAS – HEALTH INEQUALITIES

- MIDAS provides knowledge, tools and ideas on how to operationalise health equity in applied health research
- Health Inequalities Assessment Toolkit (HIAT)
- A-Z of health inequalities (involving public advisors)
- Health Equity Mainstream Strategy (being co-developed – opportunity for people to be involved)



### **MIDAS Network**

- Invited to join MIDAS sub-themes

### **Rapid Conversion of Evidence Syntheses (RaCES)**

- Co-produce summary of systematic reviews on clinical and cost effectiveness of interventions with MIDAS team
- Critical appraisal skills, writing skills and publication
- Inform policy and practice

### **Survey Training Needs**

- Complete survey and promote through member organisations

### **Health Equity Mainstreaming Strategy**

- Contribute to discussions on health equity mainstreaming

Contact: Alison Doherty (MIDAS Theme Manager) [ARCNWC-MIDAS@uclan.ac.uk](mailto:ARCNWC-MIDAS@uclan.ac.uk)