



**University of
Lancashire**

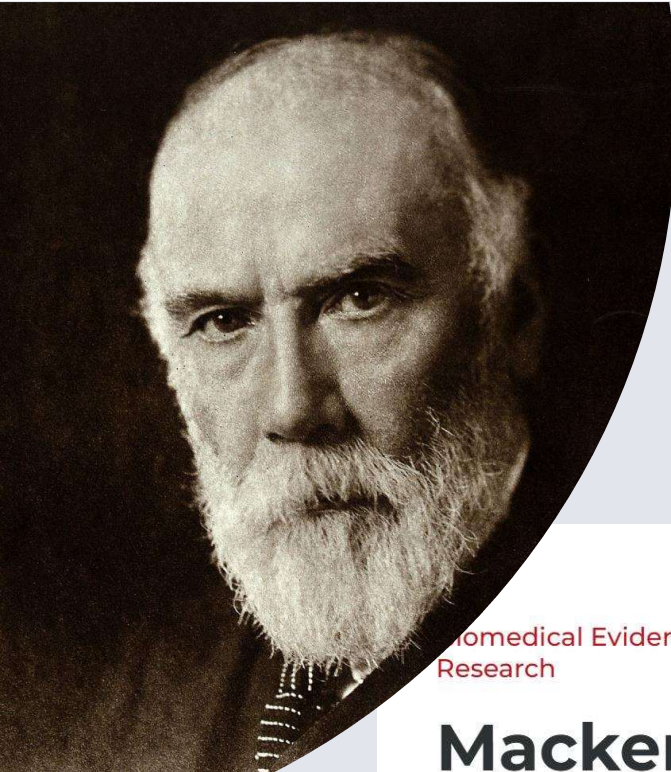
Creating Academic Collaboration and Opportunities

Prof Umesh Chauhan

Red Rose Research Day 19/12/25

Where opportunity creates success





Biomedical Evidence-based Transdisciplinary Health
Research

Mackenzie Clinical Research Institute

The Mackenzie Clinical Research Institute is an established clinical research centre based at the UCLan Burnley campus. This is an exciting collaboration between us and our NHS partners.



Sir James Mackenzie: GP in Burnley

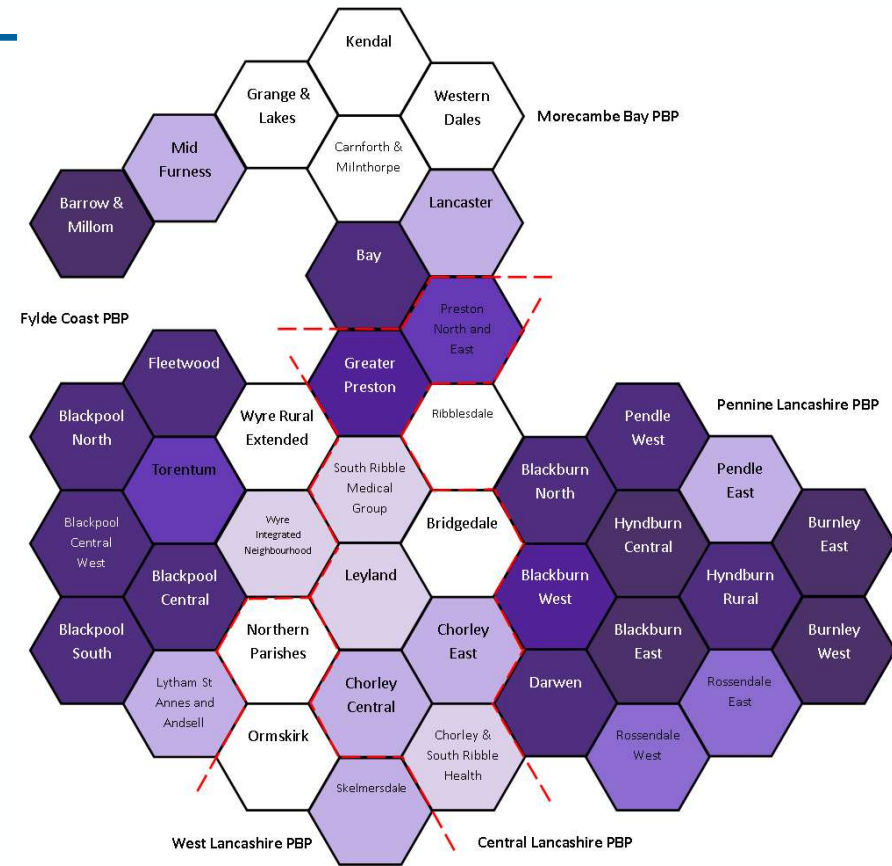
.... Joined busy practice (Drs Briggs and Brown 1879)

.... infant mortality was 205/1000 (3.9 deaths per 1,000 live births in 2023)

.... saw 60 to 70 patients daily and attended an average of three deliveries a week.. published over 50 papers

....at the age of 49, first of his books, "The Study of the Pulse" [1902] published after twenty-three years in general practice

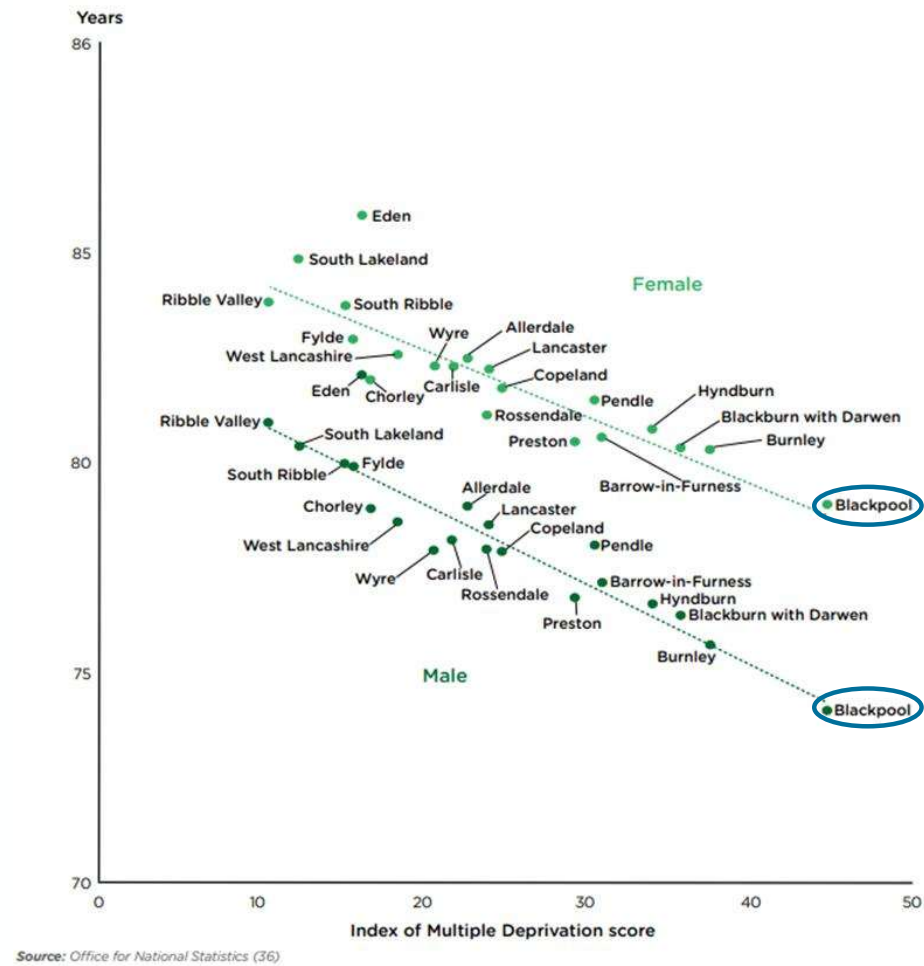
PCN	Above 70.0%
PCN	60.0% to 69.9%
PCN	50.0% to 59.9%
PCN	40.0% to 49.9%
PCN	30.0% to 39.9%
PCN	20.0% to 29.9%
PCN	10.0% to 19.9%
PCN	Up to 9.9%



Health Deprivation and Disability

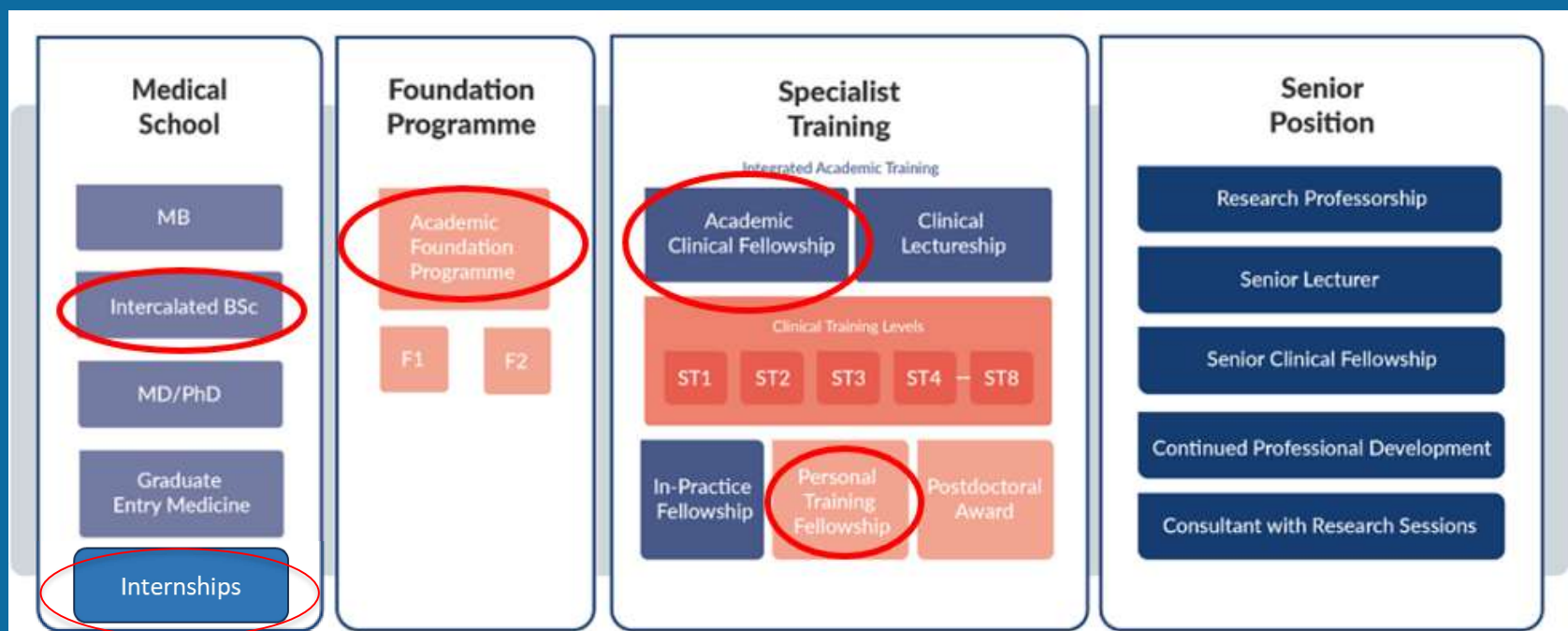
1st quintile (20% most disadvantaged) July 2021 registered patients

Life expectancy by deprivation score





University of Lancashire



Where opportunity creates success

NIHR Integrated Academic Training (IAT) Programme +Intercalated Degrees and Internships



40 Internships
funded for 3 years



25 Intercalated
Degrees funded
over 3 years



6 Academic Clinical
Fellowships (ACFs)
2024/2025



Research Academic
Society in
collaboration with
Edge Hill (Launched
Jan 2025)



National GP
Academic Clinical
Fellows Conference
April 2025

Social Prescribing in Community Gardens in Burnley

A Quality Improvement Project To Increase Community Engagement with Pennine Lancashire Community Farm

By Halim Raufi, School of Medicine and Dentistry, University of Central Lancashire (UCLan), UK. H.Raufi@uclan.ac.uk

Supervised by Dr Lucy Astle, School of Medicine and Dentistry, UCLan (L.Astle@uclan.ac.uk), and Helen Clark, Pennine Lancashire Community Farm (PLCF)



Introduction

Social prescribing enables health professionals to refer people to a range of non-clinical services, acknowledging that many things that affect health and wellbeing cannot be treated by health practitioners and medicine alone (The King's Fund, 2020). People who may benefit from social prescribing often have complex needs, multimorbidity, or long-term social and mental health problems leading to social isolation or frequent contact with health and social care services. They are more likely to experience social deprivation and health inequality.

Pennine Lancashire Community Farm (PLCF) is a charity in Lancashire, offering green social prescribing at its central garden and allotment hub in Daneshouse with Stoneyholme, Burnley (PLCF, 2024). Despite being an area with a high proportion of ethnic minority groups, particularly Pakistani and Bengali communities (Office for National Statistics [ONS],



Figure 1: Fishbone Figure (Root Case Analysis)

People
Low number of staff from Asian and other minority community
Process

Method

A driver diagram (figure 2) was used to plot

WELCOME WITH DIGNITY: A QUALITY IMPROVEMENT PROJECT FOR ASYLUM SEEKERS AND REFUGEES

By Siya Meherene Mithilaj, School of Medicine and Dentistry, University of Lancashire, UK
Supervised by Dr Lucy Astle, School of Medicine and Dentistry, University of Lancashire, Ruth Haygarth and Sharif Haidari, New Neighbours Together (NNT)

Contacts: SMMithilaj@lancashire.ac.uk and L.Astle@lancashire.ac.uk

DEFINITIONS

ASYLUM SEEKER

- A person who has left their country and has applied for asylum in another country, but their case has not been decided yet (Refugee Council, 2024).

WELCOME PACK FOR ASYLUM SEEKERS AND REFUGEES

WELCOME TO BURNLEY 😊

SMART AIM

By 13th August 2025, develop and distribute a simple, cohesive welcome pack for newly arrived refugees and asylum seekers in Burnley, aiming to improve their access to key local services (such as healthcare, housing, and social support) and reduce reported

What is the role of virtual community medicine for older people?

Scoping Review and Clinic Data Analysis



School of Medicine

Leung WY., Hussain A., Al-Refaie A.,
Cooper-Moss N., Akpan A., and Chauhan I.

WHY a scoping review?

- Broad research question
- Rapidly evolving and emerging research area
- Recent increase in the use of virtual technology due to the COVID-19 pandemic
- Mapping of wide range of intervention approaches and outcomes
- Identification of a focus for subsequent systematic review

Virtual clinic data analysis

Categorisation of data

Personal

- Age
- Gender
- Postcode
- Deprivation

Clinic efficiency

- Waiting time
- Time for clinic letter to be sent to GP

Outcomes

- Hospital admission
- Investigation
- Onward referral

Medical Records

- Past medical conditions
- Drug history
- Frailty category
- Diagnosis
- Reasons for referral

➤ Sample of 100 new virtual community medicine consultations from April 2020 to March 2021 in Litherland, Liverpool

Discussion

Deprivation:

- Costs of accessing the internet and purchasing a digital device can be a burden for patients (Fang et al., 2018).
- A possible cause of extended clinic waiting time.
- Devices may need to be provided to the patients

Education Level:

Specialised Foundation Programme (SFP)

The Specialised Foundation Programme (SFP) (previously known as Academic Foundation Programme) provides a fabulous opportunity for foundation doctors to develop research, teaching and leadership/management skills in addition to the competences

Programmes

2 Year Foundation Programmes

[Foundation Programme \(UKFP\)](#)[Eligibility Applications for UKFP - Home](#)[Foundation Priority Programme \(FPP\)](#)[Specialised Foundation Programme \(SFP\)](#)

Locally Funded Mackenzie Institute Academic posts



Dr Hassan Awan Clinical
Research Fellow @ Keele



Dr Nicola Cooper Moss
In Practice Fellow @ Manchester



Dr Aaron Poppleton PhD
Student @ Keele



Dr Tim Smith Mackenzie Fellow



Amy Howarth ACF @ UCLan

<https://www.lancashire.ac.uk/research/institutes/best/mackenzie-clinical-research-institute>

Article

Health promotion and screening for people with an intellectual disability

Dr Hassan Awan¹ and Dr Umesh Chauhan²

Research

Timothy Smith, Christopher Fell, Harmony Otete, and Umesh Chauhan

GP incentives to design hypertension and atrial fibrillation local quality-improvement schemes:

a controlled before–after study in UK primary care

Abstract

Background

Financial incentives in the UK such as the Quality and Outcomes Framework (QOF) reward GP

INTRODUCTION

Since 2004 a significant proportion of income for UK primary care has come from pay-for-performance quality-improvement schemes such as the Quality and Outcomes Framework (QOF).^{1–4} Their effectiveness in

METHOD

Study design and setting

The authors conducted a controlled before–after study looking at the effects on patients of a quality-improvement intervention that aimed to improve diagnosis and management

Article

Depression after stroke: The role of the GP

Dr Aaron Poppleton ¹, Professor Caroline Watkins², Professor Umesh Chauhan³, and Dr Liz Lightbody⁴

Abstract

Around a third of people will experience depression after having a stroke. Depression after stroke is associated with reduced quality of life, poorer medication compliance, and greater morbidity and mortality. It has historically been underdiagnosed and undertreated, despite recommendations that all individuals who have had a stroke be screened for mental health problems. The following article describes what is known about depression after stroke, drawing on National Institute for Health and Care Excellence guidelines. Steps to overcome challenges in assessment within general practice are presented, in addition to ways of achieving an effective biopsychosocial management strategy that promotes recovery, community engagement and effective carer support.

Article

The importance of significant event analysis

Dr Nicola Cooper-Moss ¹, Dr Neil Smith², and Professor Umesh Chauhan³

Abstract

Significant event analysis (SEA) is a structured quality improvement activity that is well established in general practice. Participation in SEA prompts primary care teams to reflect on their clinical reasoning, to highlight exemplary care, and to identify any potential improvements in both practice and wider healthcare systems. This article provides an overview of the SEA process and the events surrounding a SEA meeting. Cancer care examples are used to demonstrate how SEA can be used to enhance team-based learning and improve future patient care.

Creating Further Opportunities



← ↻ 🏠 🔒 <https://jobs.lancashire.ac.uk/vacancy.aspx?ref=1374-25>

Mackenzie Academic Clinical Fellow - Primary Care

Medicine and Optometry

Location: Burnley Campus

Salary: Clinical Senior Lecturer (or Clinical Consultant rate if eligible) per annum pro rata

Post Type: Part Time

Hours per Week: 7.4

Contract Basis: Fixed Term - 24 Months - due to being limited by funding

Closing Date: 23.59 hours GMT on Sunday 07 December 2025

<https://jobs.lancashire.ac.uk/vacancy.aspx?ref=1374-25>

Research Studies and Ideas

NIHR | Greater Manchester Patient Safety Research Collaboration **GM PSRC** **Sea**

[Home](#) [About](#) [Our research](#) [Publications](#) [Our impact](#) [Public involvement](#) [News](#) [Podcast](#) [Contact](#)



GM PSRC / Our research / Developing safer health and care systems – NIHR Greater Manchester Patient Safety Research Collaboration (GM PSRC)

[Home](#) | GM PSRC

[Our research](#)

Developing safer health and care systems



TRANSFORM

Trial of Randomised Approaches for National Screening FOR Men

THANK YOU



Any Questions?

Email: uchauhan@lancashire.ac.uk

