# SPCR internship projects 2023 – University of Nottingham

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| **Name & email supervisor(s):**  Dr Ralph Kwame Akyea, Senior Research Fellow; [Ralph.Akyea1@nottingham.ac.uk](mailto:Ralph.Akyea1@nottingham.ac.uk)  Dr Barbara Iyen, Clinical Associate Professor in Primary Care & General Practitioner  Professor Nadeem Qureshi, Professor of Primary Care & General Practitioner |
| **Length of internship and when it could take place:**  4 – 6 weeks depending on preference of student |
| **Host department:**  Faculty of Medicine & Health Sciences, University of Nottingham |
| **How will the internship be conducted:**  In person at the university  Virtual/ from home  Both are possible, depending on preference of student |
| **Title internship project:**  The use of routinely collected electronic healthcare records for clinical trials: A scoping review |
| **Summary of the internship project:**  Routinely collected electronic healthcare data have the potential to enhance research and deliver improvements to the health and care of patients. The increasing range of clinical datasets provide an opportunity for EHRs to be used to support clinical trials at key stages from identification (screening) and recruitment, communication (including obtaining additional information), following up, and assessment of outcome measures.  There is growing interest in the use of routinely collected electronic healthcare records (EHR) for randomised controlled trials (RCTs). However, there is limited evidence on how EHRs have been utilised for RCTs. This scoping review, therefore, aims to identify and synthesise existing evidence on how routinely collected electronic healthcare records have been utilised for randomised controlled clinical trials. |
| **Learning objectives:**   1. Introduction to running and interpreting scoping reviews. 2. Experience of conducting a scoping review. 3. To produce a high-quality paper for submission to a peer-reviewed journal for publication.   Work plan:  Week 1   * Learn about scoping reviews. * Refine the study question and search strategy.   Week 2   * Run the searches and download references and titles. * Title and abstract screening.   Week 3   * Full-text screening * Summarise the findings (narrative synthesis)   Week 4   * Complete the scoping review. * Write-up manuscript and consider outputs including conference poster/presentation. |
| **Any further information:**  Informal enquiries should be sent to Dr Ralph Kwame Akyea, Senior Research Fellow ([Ralph.Akyea1@nottingham.ac.uk](mailto:Ralph.Akyea1@nottingham.ac.uk)) in the first instance. |
| **How to apply:**  Please submit a personal statement, in no more than 500 words, explaining:   1. why you want to undertake the internship, 2. what you would like to do during the internship, and 3. what skills you hope to gain by undertaking the fellowship.   Please email your statement to Amy Bourton, SPCR Research Support Manager ([MS-SPCR-Support@nottingham.ac.uk](mailto:MS-SPCR-Support@nottingham.ac.uk)) by 12 noon on **17th April 2023**.  Please include ‘SPCR Internships 2023’ in the subject heading of your email and the title of the internship you wish to apply for in the body of the email. |