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**Understanding research capacity building among allied health clinicians: a systematic review to identify effective strategies.**

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**Objectives/aims**

Research engagement is reported to have numerous benefits for clients, health professionals, and organisations. These include increased availability and translation of research evidence to influence health policy and practice and increased staff engagement, job satisfaction and retention. Multiple interventions to increase research engagement have been described in the literature. A systematic review was undertaken to identify integrated frameworks to guide research capacity building for allied health professionals working in public healthcare organisations using a coordinated multi-strategy approach.

**Methods**

Five databases were searched and two authors independently screened and reviewed studies, extracted data and performed quality assessments using the Mixed Methods Appraisal Tool. Qualitative analyses including content and thematic analyses were used to synthesise findings.

**Main findings**

One quantitative and five qualitative studies were included for analysis and synthesis. Each study described a multifaceted research capacity building framework that had been implemented and evaluated. Individual components of each included framework were coded and categorised. Three interconnected and interdependent themes were identified as being essential for building research capacity of allied health clinicians in busy hospitals and health services, including ‘supporting clinicians in research’, ‘working together’ and ‘valuing research for excellence’. These themes will inform practical strategies to support research engagement of individuals, teams and organisations.