

# Residency Training on Education Scholarship, Quality Improvement, and Creative Professional Activity: What We Learned from the Literature

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## Introduction

- The Department of Psychiatry launched the new Clinician Scholar Program in 2021 to support the training of psychiatry residents interested in pursuing academic careers in education scholarship, quality improvement (QI), and other creative professional activity (CPA), including the social sciences and humanities.
- In 2020, we performed an environmental scan on the literature and existing postgraduate medical education (PGME) programs that offer similar training to residents in education scholarship, QI, and/or CPA.

## Objectives

- To provide an insight for curriculum development in the Clinician Scholar Program with considerations for seminar topics, project concepts, evaluation methods, and networking opportunities for residents.

## Methods

- We conducted an updated literature review in September 2021 to identify existing PGME programs that train residents on key skills and competencies related to education scholarship, QI, and/or CPA.
- Published articles were identified using PubMed and Scopus databases.

### MeSH Terms

(psychiatry resident OR psychiatry PGME) AND (quality improvement)

(psychiatry resident OR psychiatry PGME) AND (education scholarship)

(psychiatry residents OR psychiatry PGME) and (medical humanities OR narrative medicine)

(psychiatry residents OR psychiatry PGME) OR (leadership training OR advocacy)

## Results

### Quality Improvement

- Studies on the training of psychiatry residents in quality improvement were taught through didactic seminars, group discussions, and hands-on experiential projects.
- These studies evaluated the efficacy of the training programs through standardized tools, such as the Quality Improvement Knowledge Application Tool, or through feedback and surveys from residents before and after completing the programs.

### Education Scholarship

- Education scholarship training programs for residents involved lectures, discussions, and mentorship opportunities from experienced faculty members.

### Creative Professional Activities

- Literature pertaining to curriculum development for training residents in CPA was limited to competencies that are related to CPA, such as advocacy or reflective writing.
- Methods used to train in different CPA-related competencies included didactic seminars, case studies, role-playing, and team-building exercises.

## Conclusion

- Overall, training residents in education scholarship, QI, and CPA should include didactic seminars, discussions, and opportunities to engage in projects or apply newly taught skills.
- Our recent literature review provided further guidance on the development of the curriculum and structure of the novel Clinician Scholar Program at the Department of Psychiatry.

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