



CAME Voice/Voix

The McMAP Project: A case study in CBME implementation - Teresa Chan

With the anticipated roll-out of a new iteration of the Royal College's CanMEDS and Competence by Design frameworks, 2015 promises to be a very exciting year. For many, this change will bring a huge shift in the way we 'do business' in residency education. I know what you're all probably thinking... *how are we ever going to pull it off?* At McMaster University Emergency Medicine program, we have been actively experimenting with competency frameworks and systems, and I hope that in sharing our experiences we might help to provide some pragmatic (and novel) approaches to conceptualizing Competency Based Medical Education systems.

Since 2012, we have been developing and continuously improving the McMaster Modular Assessment Program (McMAP). With collaborators from the Universities of Saskatchewan and Alberta, we recruited a team of clinician educators to design assessment tools that would fit the contexts of a typical day in highly unpredictable emergency departments. Assembled together, these tools became part of our programmatic assessment system that maps milestone-based goals to point-of-care observations and entrustable professional activity (EPA) sheets that faculty members fill out each shift. With the help of our collaborators, we have developed a number of unique tools that fit into the cultural and contextual needs of our departments, and thus far, this system has yielded a rich database of qualitative and quantitative data, which we are beginning to collate and use to describe the competence of our residents.

Although this started as a paper-and-pen model it has now evolved into a web-based system that integrates workplace-based assessments of nearly 30 residents. In the past two years we have presented data from McMAP at conferences such as the Ottawa Conference on Assessment in Health Professions and the International Conference on Residency Education. A descriptive paper on the McMAP system has been accepted for publication by *Academic Medicine*.

For more information about McMAP, please see mcmapevents.wix.com/portal