Strengthening health professions education and training: The power of evidence-based approaches

Editorial

Health professions are anchored in the education and training that underpin them; such training continues to evolve with support from the growing evidence base. Health professions education (HPE) focuses on the theories, principles, concepts, methods, skills and attitudes specifically required for the education and training of health professionals within the specific learning environment of hospitals or communities. HPE also aims at encouraging the application of educational principles in the unique context of health professions and healthcare settings. The aforementioned reasons typically differentiate HPE from more general educational training. In developed and developing countries, greater variety in skills within health professions is needed if healthcare is to be made accessible to all.[5] Furthermore, to be able to contribute to the advancement of the different health professions, today's health professionals have to be highly skilled and knowledgeable in a number of competencies.[6] This implies that health professionals must be educated and trained to the required high standards to address the ever-dynamic community health needs. Improving the quality of training is, therefore, an important contribution to strengthening health systems.[7] However, such improvement in training needs to be supported by good evidence-based practices that are feasible, especially in institutions with limited resources.

There is a global drive to expand the numbers and competencies of health professionals being trained in response to societal needs.[8] In addition, major reforms and innovations are taking shape in the field of HPE.[9] Such reforms include student-centred learning, interprofessional education, community-based education, competency-based education, e-learning and service-learning.[10] To implement these reforms, faculty in health professions training institutions not only need to improve the existing training methods, but also innovate other feasible methods to improve training by means of evidence-based scholarly approaches. AJHPE has had a strong tradition of publishing scholarly original research and reviews related to improving the training and performance of health professionals, using evidence-based practices. In this issue, the use of scholarly evidence to improve the education and training of health professionals as well as strengthening existing systems resonates through all the articles, which can generally be grouped into three over-arching themes.

The first theme is about enhancing the learning environment, which is reflected in a number of articles. For example, the article by Westmoreland et al.[11] examines the improvement of the learning environment and wellness of trainee registrars to prevent burnout and exhaustion, while Urimunenchi et al.[12] explore solutions from students’ perceptions on how to improve their learning environment. The article by Jacobs and Venter[13] speaks to improving the clinical learning environment using standardised patient simulation, Dlughwe et al.[14] and Idon et al.[15] explore means of improving the learning environment of postgraduate trainees. The important idea of using feedback to improve the clinical learning environment of students is also discussed in this issue.

The second theme relates to improving skills and competencies of student trainees to address the prevailing needs. A key factor is the need to identify gaps within the skills and competencies of health professionals and design appropriate training interventions using an evidence-based approach. For example, the articles by Van der Merwe et al.,[16] Sanders et al.,[17] and Koch et al.[18] indicate skills gaps and appropriate training interventions to enhance trainee skills.

The last theme in the current issue is the value attached to community-based education, which in HPE has been reported to be an excellent mechanism of promoting service-learning[19] and stimulating the interest of students to work in rural and under-served areas.[20] This is reflected through aspects of community-based training and how it can be improved to promote a more positive student experience.

Therefore, the scholarly research work in this edition of AJHPE demonstrates that improving the training of health professionals can indeed be fanned by an evidence-based foundation. In Africa, many institutions have adopted and adapted teaching and learning approaches from Europe and the USA. Taking on these approaches, as a whole, has proved to be a challenge owing to our own systemic and contextual differences. Therefore, while external forces may drive evidence-based practice in HPE, there is a need for individual institutions to generate local evidence of what works best through scholarly and empirical inquiry. This will fuel and sustain innovations in HPE in Africa.

G Mubuuke
School of Medicine, College of Health Sciences, Makerere University, Kampala, Uganda
gmubuuke@gmail.com

References