

Anita Samuel
Health Professions Education (HPE)
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Research interests

Online learning, educational technologies, continuing professional development, adult education, leadership in medical education

Employment

Associate Professor

Health Professions Education (HPE)
Uniformed Services University of the Health Sciences
1 Aug 2017 → present

Research outputs

Cultivating the Art of Metacognitive Reflection in Medical Education

Merkebu, J., Mennin, S., Durning, S. J. & Samuel, A., Apr 2025, In: *Clinical Teacher*. 22, 2, p. e70043

Enhancing reflective practice with ChatGPT: A new approach to assignment design

Samuel, A., Soh, M. & Jung, E., 2025, (Accepted/In press) In: *Medical Teacher*.

The ABCs of MOOCs: Navigating the Future of Online Learning

Jung, E. & Samuel, A., Nov 2024, (Accepted/In press) In: *eLearn Magazine*.

Exploring Knowledge, Skills, and Abilities Needed for Army Pharmacist Readiness Using the Nominal Group Technique
Costantino, R. C., Jung, E., Soh, M. & Samuel, A., 1 Sep 2024, In: *Military Medicine*. 189, 9-10, p. e2235-e2241

Developing Online and Hybrid Courses with the Learning Ecology Matrix

Bhargava, M. & Samuel, A., Jun 2024, In: *eLearn Magazine*.

Priority Competencies for Designated Education Officers in the Veterans Health Administration

Bidwell, D. R., Samuel, A., Cervero, R. M., Durning, S. J., Stephan, S. L., Patel, E. L., Bowman, M. A. & Meyer, H. S., 23 May 2024, (E-pub ahead of print) In: *Military Medicine*.

Decolonizing online learning: a reflective approach to equitable pedagogies
Samuel, A., 2024, In: *Distance Education*. 45, 3, p. 439-445 7 p.

E-learning Interventions for Quality Improvement Continuing Medical Education—A Scoping Review

Samuel, A., 2024, In: *Journal of Continuing Education in the Health Professions*.

Formalizing the scholarship of teaching and learning (SoTL) in health professions education (HPE): A descriptive case study of a master of education degree program in HPE

Soh, M., Samuel, A., Cervero, R. M. & Durning, S. J., 2024, (Accepted/In press) In: *New Directions for Teaching and Learning*. 2024, 178, p. 43-49 7 p.

High-Flying Online: Online Academic Advising Strategies for High-Achieving Professionals

Samuel, A., King, B., Meyer, H. & Soh, M., 2024, In: *American Journal of Distance Education*.

Medical School Faculty Perceptions of Online Education: Implications for the Future of Medical Education
Samuel, A., King, B. & Cervero, R. M., 2024, In: American Journal of Distance Education. 38, 3, p. 263-278 16 p.

Optimizing e-Learning in CPD: Preferences and Perceptions of Health Professionals
Samuel, A., Cervero, R. M., King, B. & Durning, S. J., 2024, In: Journal of Continuing Education in the Health Professions.

Perceptions of Key Responsibilities and Professional Development Interests of Senior Educational Leaders: A Needs Assessment
Bidwell, D. R., Samuel, A., Cervero, R. M., Durning, S. J., Stephan, S. L., Patel, E. L., Bowman, M. A. & Meyer, H. S., 2024, (Accepted/In press) In: Academic Medicine. 10.1097/ACM.0000000000005841.

Utilizing Advanced Technologies for eLearning in Clerkship
Jung, E. & Samuel, A., 2024, In: eLearn Magazine.

Scoping Reviews: Expanding Methodological Approaches to Literature Reviews in Adult Education: Expanding Methodological Approaches to Literature Reviews in Adult Education
Samuel, A., Sep 2023, In: Adult Learning.

Parity representation in leadership positions in academic medicine: A decade of persistent under-representation of women and Asian faculty
Samuel, A., Soh, M. Y., Durning, S. J., Cervero, R. M. & Chen, H. C., 30 Aug 2023, In: BMJ Leader. 7, e000804.

Addressing HPSP Learner Needs: A Pilot Study of a "Fundamentals of Military Medicine" Course
Samuel, A., Teng, Y., King, B., Cervero, R. M., Durning, S. J. & Beadling, C. W., 19 May 2023, (E-pub ahead of print) In: Military Medicine.

Evaluating a Competency-Based Blended Health Professions Education Program: A Programmatic Approach
Samuel, A., King, B., Cervero, R. M., Durning, S. J. & Melton, J., 1 May 2023, In: Military Medicine. 188, p. 69-74 6 p.

Supporting the Transition to Distance Education During the Pandemic and Beyond
Samuel, A., Teng, Y., Soh, M. Y., King, B., Cervero, R. M. & Durning, S. J., 1 May 2023, In: Military Medicine. 188, p. 75-80 6 p.

Maximizing the Value of Asynchronous Learning in Pre-clerkship Medical Education
Sheth, P., Samuel, A., Jung, E. & Collen, J., May 2023, In: eLearn Magazine. 2023, 2 Special Issue

Continuing Professional Development in Rheumatology for Primary Care Clinicians: A Systematic Review
Robbins, R. C., Maciuba, J. M., Maggio, L. A. & Samuel, A., Apr 2023, In: Arthritis Care and Research. 75, 4, p. 734-742 9 p.

Successful Surgical Airway Performance in the Combat Prehospital Setting: A Qualitative Study of Experienced Military Prehospital Providers
Pekari, T., Melton, J., Cervero, R. & Samuel, A., Apr 2023, In: Medical Journal, US Army Medical Center of Excellence.

Gender and Racial Representation Trends Among Internal Medicine Department Chairs from 2010–2020
Samuel, A., Cervero, R. M. & Durning, S. J., Mar 2023, In: Journal of General Internal Medicine. 38, 4, p. 898-904 7 p.

Corneal Laser Refractive Surgery Curriculum Development in the Military: Using the Nominal Group Technique
Evangelista, C. B., Larsen, K. L., Cervero, R. M. & Samuel, A., 1 Jan 2023, In: Military Medicine. 188, 1-2, p. e145-e151

Accelerating medical education with ChatGPT: an implementation guide.
Peacock, J., Austin, A., Shapiro, M., Battista, A. & Samuel, A., 2023, In: MedEdPublish.

Developing a Consensus-Based Optometry Residency Military Unique Curriculum.

Alferez, C., Samuel, A., Meyer, H. & Jackson, K. M., 2023, In: Optometric Education: The Journal of the Schools and Colleges of Optometry. p. 2-7 5 p.

Enhancing Podcasting by Leveraging AI

Samuel, A. & Austin, A., 2023, In: eLearn Magazine.

Enhancing Leadership Training Through an Experiential Approach: An Online Model for the 21st Century

Samuel, A. & Durning, S. J., Nov 2022, In: Adult Learning. 33, 4, p. 191-199 9 p.

Get Connected: A Scoping Review of Advising Online Graduate Students

Meyer, H. S., Preisman, K. A. & Samuel, A., Sep 2022, In: Online Learning Journal. 26, 3, p. 274-292 19 p.

Becoming metrics literate: An analysis of brief videos that teach about the h-index

Maggio, L. A., Jeffrey, A., Haustein, S. & Samuel, A., May 2022, In: PLoS ONE. 17, 5 May, e0268110.

Using the Critical Incident Questionnaire as a Formative Evaluation Tool to Inform Online Course Design: A Qualitative Study

Samuel, A. & Conceição, S. C. O., May 2022, In: International Review of Research in Open and Distance Learning. 23, 2, p. 151-169 19 p.

Design and Assessment of a Mobile Health Care Solution for the Military Pediatrician: The DHA Pediatrics App

Reeves, P. T., Royall, M., Spencer, S., Rogers, P. L., Durning, S. J., Samuel, A., O'meara, K. & Gorman, G., 1 Jan 2022, In: Military Medicine. 187, 1-2, p. 232-241 10 p.

"I'm Not Trying to Recreate the Classroom": A Qualitative Study to Help Faculty Make Sense of Online Interactions

Samuel, A., 2022, In: American Journal of Distance Education. 36, 2, p. 121-134 14 p.

Supporting Online Teaching Faculty Beyond the Pandemic: A "faculty concierge" model

Samuel, A., 2022, In: eLearn Magazine.

Teaching Medical Students How to Teach: A Scoping Review: Groundwork

Meyer, H. S., Larsen, K., Samuel, A., Berkley, H., Harvey, M., Norton, C. & Maggio, L. A., 2022, In: Teaching and Learning in Medicine. 34, 4, p. 379-391 13 p.

Creating supportive learning environments: The role of the medical educator

Samuel, A. & Konopasky, A., Oct 2021, In: Clinical Teacher. 18, 5, p. 454-458 5 p.

Preparing Adult Learners for Success in Blended Learning through Onboarding: A pilot study.

Steven J. Durning & Holly Meyer, Sep 2021, In: eLearn Magazine.

Corneal Laser Refractive Surgery Curriculum Development in the Military: Using the Nominal Group Technique

Kelsey Larsen & Cervero, R., 30 Jun 2021, In: Military Medicine.

Developing Academic Leadership from a Distance: A Health Professions Education Practicum Course

Samuel, A., Durning, S. J. & Larsen, K. L., 1 Jun 2021, In: Academic Medicine. 96, 6, p. 854-858 5 p.

Effect of Continuing Professional Development on Health Professionals' Performance and Patient Outcomes: A Scoping Review of Knowledge Syntheses

Samuel, A., Cervero, R. M., Durning, S. J. & Maggio, L. A., 1 Jun 2021, In: Academic Medicine. 96, 6, p. 913-923 11 p.

Using Technology in Neurosurgical Education: Application of Theory. AANS Neurosurgeon
Boulter, J. H., Neal, C. & Samuel, A., Jun 2021, In: AANS Neurosurgeon.

Zones of Agency: Understanding Online Faculty Experiences of Presenceⁱ
Samuel, A., Nov 2020, In: International Review of Research in Open and Distance Learning. 21, 4, p. 80-93 14 p.

Designing Successful ePortfolio Practices: A Review of High-impact ePortfolio Practice: A catalyst for student, faculty, and institutional learning by Bret Eynon and Laura M. Gambino
Samuel, A., Jul 2020, In: eLearn Magazine.

Five Principles for Using Educational Theory: Strategies for Advancing Health Professions Education Research
Samuel, A., Konopasky, A., Schuwirth, L. W. T., King, S. M. & Durning, S. J., 1 Apr 2020, In: Academic Medicine. 95, 4, p. 518-522 5 p.

A Participatory Approach to Developing Online Course Quality Standards in Health Professions Education
Kelsey Larsen, Ronald M. Cervero & Lauren Maggio, 2020, In: Online Journal of Distance Learning Administration.

Using concept mapping as a tool for conducting research: An analysis of three approaches
Conceição, S. C. O., Samuel, A. & Yelich Binięcki, S. M., 1 Jan 2017, In: Cogent Social Sciences. 3, 1, 1404753.

Activities

AI Education Revolution: Transforming Education with Artificial Intelligence
Anita Samuel (Speaker)
3 May 2024

Exploring Minority Representation in Leadership Positions in Medical Education
Anita Samuel (Speaker), Steven Durning (Speaker), Ronald M. Cervero (Speaker) & Michael Soh (Speaker)
11 Apr 2024 → 15 Apr 2024

AI MedEd Revolution: Transforming Medical Education with Artificial Intelligence
Anita Samuel (Speaker)
5 Apr 2024

Empowering student learning through AI
Anita Samuel (Speaker)
2 Apr 2024

Facilitating Deep Self-Reflection in Online Educational Settings
Anita Samuel (Speaker) & Jerusalem Merkebu (Speaker)
27 Mar 2024

Integrating AI in Teaching and Learning
Anita Samuel (Speaker)
21 Feb 2024

Revolutionizing Nurse Education: Leveraging AI for Enhanced Teaching Practices
Anita Samuel (Speaker)
11 Jan 2024

Preparing healthcare professionals for the Scholarship of Teaching and Learning: A SoTL based
Anita Samuel (Speaker), Steven Durning (Speaker), Michael Soh (Speaker) & Ronald Cervero (Speaker)
26 Aug 2023 → 30 Aug 2023

A Holistic Approach to Program Evaluation

Anita Samuel (Speaker)
25 Jul 2023 → 27 Jul 2023

eLearn Magazine (Journal)

Anita Samuel (Editor in chief)
1 Jul 2023 → 30 Jun 2026

Enhancing Online Course Design in Real Time using Qualitative Formative Evaluations

Anita Samuel (Speaker) & Simone Conceicao (Speaker)
Apr 2023

Lessons from COVID and looking ahead at the medical education landscape

Anita Samuel (Speaker)
Apr 2023

Faculty Senate Member

Anita Samuel (Participant)
2023 → 2026

New Horizons in Adult Education and Human Resource Development (Journal)

Anita Samuel (Member of editorial board)
2023 → ...

Online Journal for Workforce Education and Development (Journal)

Anita Samuel (Member of editorial board)
2022 → ...

eLearn Magazine (Journal)

Anita Samuel (Member of editorial board)
2020 → ...

Journal of Continuing Education in the Health Professions (Journal)

Anita Samuel (Reviewer)
2020 → ...

Academic Medicine (Journal)

Anita Samuel (Reviewer)
1 Jan 2018 → 10 Jan 2023

Military Medicine (Journal)

Anita Samuel (Reviewer)
2018 → ...

eLearn Magazine (Journal)

Anita Samuel (Reviewer) & Anita Samuel (Editor in chief)
1 Jul 2017 → 30 Jun 2020

Prizes**Certificate of Appreciation**

Samuel, Anita (Recipient), 2020

Letter of Appreciation

Samuel, Anita (Recipient), 2021

President's Appreciation Award

Samuel, Anita (Recipient), 2019

School of Medicine Dean's Impact Award

Samuel, Anita (Recipient), 2022