

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

The new wave of generative artificial intelligence in medical education

Jung, E. & Samuel, A., Mar 2026, In: Korean journal of medical education. 38, 1, p. 1-4 4 p.

Beyond the faculty-student dyad: Disentangling the hidden factors shaping graduate HPE advising success

Meyer, H. S., Samuel, A., Maggio, L. A., Cleland, J., Artino, A. R., Scarlett, E. & Martin, P. C., 10 Jan 2026, In: Medical Teacher. p. 1-10 10 p.

Beyond the faculty-student dyad: Disentangling the hidden factors shaping graduate HPE advising success

Meyer, H. S., Samuel, A., Maggio, L. A., Cleland, J., Artino, A. R., Scarlett, E. & Martin, P. C., Oct 2026, In: Medical Teacher. p. 1-10 10 p.

Humanizing AI training for health professions educators

Merkebu, J. & Samuel, A., 2026, In: Medical Teacher. 48, 3, p. 360-363 4 p.

Publishing Qualitative Research in the Journal for Continuing Education in the Health Professions: A Guide for Authors

Caples, L. & Samuel, A., 17 Oct 2025, In: Journal of Continuing Education in the Health Professions. Publish Ahead of Print

The Use of Technology in Clerkship Education: A Rapid Review

Jung, E., Kavanagh, M., King, E. & Samuel, A., Oct 2025, In: Clinical Teacher. 22, 5, e70152.

Transforming Military Healthcare Education and Training: AI Integration for Future Readiness

Peacock, J. G., Cole, R., Duncan, J., Jensen, B., Snively, B. & Samuel, A., 1 Sep 2025, In: Military Medicine. 190, 9-10, p. e1905-e1912

A Self-Compassion Toolbox for Clinical Educators in the Era of ChatGPT

Samuel, A., Larsen, K.L. & Durning, S.J., Aug 2025, In: Clinical Teacher. 22, 4, e70137.

Sampling Thoughtfully in Qualitative Research: Hallmarks of Rigour in Health Professions Education

Merkebu, J., Geringer, J. & Samuel, A., Aug 2025, In: Clinical Teacher. 22, 4, e70145.

A Comprehensive Healthcare Disparities Curriculum for Military Family Medicine Residents

Goodwin, E. T., Kavanagh, M. J. & Samuel, A., 1 Jul 2025, In: Military Medicine. 190, p. 34-36 3 p.

Advanced Training in Child and Adolescent Mental Health: A Course Redesign for Tri-Service Psychiatric Mental Health Nurse Practitioners

Owen, R. D., Samuel, A. & Soh, M., 1 Jul 2025, In: Military Medicine. 190, p. 20-25 6 p.

Advancing Educational Innovation: Leveraging the Scholarship of Teaching and Learning

Soh, M., Samuel, A., Cervero, R. M. & Durning, S. J., 1 Jul 2025, In: Military Medicine. 190, p. 1-2 2 p.

Beyond the Textbook. Fostering Inquiry and Educational Innovation

Pock, A. R., Samuel, A., De Carvalho Filho, M. A. & Ungaretti, T., 1 Jul 2025, In: Military Medicine. 190, p. 66-67 2 p.

Empowering Recovery: Enhancing Patient Preparedness and Education Post-anterior Cruciate Ligament Injury

Tennent, D., DeFoor, M. T., Song, D. & Samuel, A., 1 Jul 2025, In: Military Medicine. 190, p. 37-44 8 p.

Is It Time to Rethink How We Train Forensic Pathologists? A Qualitative Needs Assessment from the Perspective of FP Stakeholders

Walsh, J., Samuel, A., Melton, J. & Martin, P. C. C., 1 Jul 2025, In: Military Medicine. 190, p. 10-14 5 p.

Military Medical Student Technology Readiness and Resource Utilization

Bulaklak, J., Cervero, R. & Samuel, A., 1 Jul 2025, In: Military Medicine. 190, p. 3-9 7 p.

Optimizing Military Physician Assistant Research: A Deliberate Approach to Digital Knowledge Management

Chalupa, R. L., Cervero, R., Wildermuth, A. & Samuel, A., 1 Jul 2025, In: Military Medicine. 190, p. 26-30 5 p.

Optimizing Research Education in U.S. Military Postgraduate Dental Residency Programs

Kim, J. J., Cervero, R. M. & Samuel, A., 1 Jul 2025, In: Military Medicine. 190, p. 15-19 5 p.

Perspectives on leadership for medical educators: A qualitative study of leadership qualities identified by US medical school deans

Orrick, M. J., Durning, S., Hartzell, J. & Samuel, A., 1 Jun 2025, In: BMJ Leader. 9, 2, p. 153-159 7 p.

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

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, e70043.

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

Samuel, A., Soh, M. & Jung, E., 6 Feb 2025, (E-pub ahead of print) In: Medical Teacher. p. 1-3 3 p.

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., 1 Jan 2025, In: Academic Medicine. 100, 1, p. 50-56 7 p.

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., 1 Jan 2025, In: Military Medicine. 190, 1-2, p. e5-e10

Beyond Motivation: The Critical Role of Learner Interaction in MOOCs

Jung, E., Samuel, A. & Ma, T. L., 2025, In: American Journal of Distance Education.

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

Samuel, A., Soh, M. & Jung, E., 2025, (Accepted/In press) In: Medical Teacher. 47, 9, p. 1438-1440 3 p.

Exploring Sampling Strategies to Maximize Qualitative Research Studies in Adult Education

Samuel, A. & Merkebu, J., 2025, (Accepted/In press) In: Adult Learning. 10451595251349183.

From Crisis to Opportunity: Reinventing Medical Education After COVID-19

Samuel, A. & Durning, S. J., 2025, In: Perspectives on Medical Education. 14, 1, p. 371-382 12 p.

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

Samuel, A., Meyer, H., Soh, M. Y. & King, E., 2025, In: American Journal of Distance Education. 39, 2, p. 178-194 17 p.

Optimizing Student Success: Leaders' Perspectives on Advising Practices in Graduate Health Professions Education Programs

Meyer, H. S., Samuel, A., Maggio, L. A., Cleland, J., Artino, A. R., Scarlett, E. & Martin, P. C., 2025, In: Perspectives on Medical Education. 14, 1, p. 483-492 10 p.

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. 45, 1, p. 28-34 7 p.

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. 35, 4, p. 215-227 13 p.

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.

Maximizing the Value of Asynchronous Learning in Pre-clerkship Medical Education

Sheth, P., Samuel, A., Jung, E. & Collen, J., Feb 2023, In: eLearn. 2023, 2 Special Issue

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., Battista, A., Samuel, A. & Shapiro, M., 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.

A Reader's Guide to Medical Education Systematic Reviews

Stellrecht, E., Samuel, A. & Maggio, L. A., 1 Apr 2022, In: *Journal of graduate medical education*. 14, 2, p. 176-177 2 p.

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

Reeves, P., Royall, M., Spencer, S., Rogers, P., 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 Biniecki, S. M., 1 Jan 2017, In: Cogent Social Sciences. 3, 1, 1404753.

Activities

Using Gen AI and Custom Chatbots for Course Site Redesign

Paula Weissman (Speaker) & Anita Samuel (Speaker)

26 Mar 2025

Transforming Learner Expression: AI Tools for Dynamic UDL Action Strategies

Paula Weissman (Speaker) & Anita Samuel (Speaker)

21 Mar 2025

Revolutionizing Learning: AI for Inclusive Representation in UDL. Adult Learning Virtual Community

Paula Weissman (Speaker) & Anita Samuel (Speaker)

21 Feb 2025

Empowering Inclusive Learning: Leveraging AI for UDL Engagement

Paula Weissman (Speaker) & Anita Samuel (Speaker)

17 Jan 2025

Program Leaders Speak: Effective Advising in Graduate Health Professions Education (HPE)

Holly Meyer (Speaker), Anita Samuel (Speaker), Lauren A. Maggio (Speaker), Anthony R. Artino (Speaker), Emily Scarlett (Speaker) & Paolo C. Martin (Speaker)

Dec 2024

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