

Curriculum Vitae

Date: June 3, 2024

Name: Douglas C. McKell, DHSc, MS, MSc, MS-HPE (Digital Health and AI (PgC), HEOR (PgC))

Education:

1966-72 BA University of California, Santa Barbara (Religious Studies)

1966-72 BA University of California, Santa Barbara (Psychology)

1973-75 PhD candidate in Psychology and Religious Studies (Interdisciplinary Program focused on the Psychology of Monastic Formation based on a study of Thomas Merton, O.C.S.O.)

2008-11 MS Geisel School of Medicine, Dartmouth University (Health Research)

2012-14 DPhil candidate in Evidence-Based Health Care, Kellogg College, Oxford University (Patient Safety in Surgical Treatment)

2015-16 MSc The London School of Economics and Political Science (Behavioral Science Analysis of General Surgical Resident Training using SBAR)

2018-23 MS The Massachusetts General Hospital Institute of Health Professions (Scoping Review of Gamification in Health Professions Education)

2022-24 DHSc Eastern Virginia Medical School (AI and Digital Healthcare Teaching/Learning Applications. Social Cognition Learning, Behavioral Economics, and Implementation Science)

Postgraduate Training and Fellowship Appointments:

1975 Travel Fellowship, St. Christophers Hospice, London, UK

2013-14 Academic Visitor in Patient Safety, MSc program, St. Mary's Hospital, Imperial College, London, UK

2015 Health Economics and Outcomes Research, post-graduate certificate, University of Washington

2023 Digital Transformation in Workplace, post-graduate certificate, Bay Path University

2023 AI in Medicine post-graduate certificate, Stanford School of Medicine

Military Service:

None

Faculty Appointments:

1973-75, Lecturer in Psychology, teaching undergraduate courses in Group Process, Human Sexuality, and Death and Dying, Psychology Department, University of California, Santa Barbara

2014-2016, Academic Program Director (part-time), Master's in Applied Healthcare Economics, Washington & Jefferson College, program de novo development

2016-22, Adjunct Faculty, DNP APRN Program, School of Nursing, Elms College

2016-present, Adjunct Faculty, Health Administration, Colorado State University–Global Campus

2016-present, Adjunct Faculty, MBA, MLM, and DNP programs, School of Management and Technology, Bay Path University

2022-present, Adjunct Assistant Professor, Applied Health Economics, College of Population Health, Thomas Jefferson University

2025-present, Adjunct Faculty, Healthcare Administration program, Massachusetts General Hospital Institute of Health Professions

Hospital and Administrative Appointments:

1976-1978, Director, Inpatient Hospice Unit, West Hills Hospital, San Fernando Valley, CA.

1979-1981, Director, Hospice and Social Services, Long Beach Community Hospital, Long Beach, CA.

1982, Vice President, Operations, Mercy Medical Center, Roseburg, OR.

1983-1986, Director, Business Development, Sentara Health System, Norfolk, VA.

1986-1988, Vice President, Physician Development, Miami Valley Hospital/MedAmerica Health System, Dayton, OH.

1988-1998, Managing Partner, Physician Strategies, Dayton, OH.

1998-1999, Interim CEO, Slocum -Dixon Clinic, Utica, NY.

1999-2001, CEO, Riverbend Medical Group, Springfield, MA.

2001-2003, Senior Vice President Mercy Medical Center/Sisters of Providence Health System, Springfield, MA.

2004-2011, CAO, Connecticut Surgical Group, Hartford, CT.

2011-2013, CEO, Hampden County Physician Associates, Springfield, MA.

2015, Interim CEO, Orthopedic Associates, Auburn, ME.

Awards, Honors, and Membership in Honorary Societies:

2024 Outstanding Adjunct Teaching, Applied Health Economics and Outcomes Research, College of Population Health, Thomas Jefferson University

Memberships in Professional and Scientific Societies:

Member, International Society for the Study of Death and Dying, 1973-76

Board Member, National Hospice and Palliative Care Organization, 1977-1979,

Member, American Medical Group Association, 2004-2013

Member, American Academy on Communication in Healthcare, 2009-2011

Member, Association for Professionals in Patient Safety, NPSF, 2012-2018

Member, Ergonomics and Human Factors in Health Care, 2013-2018

Member, American Society of Health Economists, 2016-2019

Member, Society for Medical Decision Making, 2016-present

Member, Society to Improve Diagnosis in Medicine. 2016-present

Member, International Association of Medical Science Educators, 2017-present

Professional and Scientific Committees

CAO/COO Council Member, American Medical Group Association, 2004-2013

Webcast Audio Series Committee, International Association of Medical Science Educators, 2020-present

Professional Development Committee, International Association of Medical Science Educators, 2023-present

Leader, AI Community of Growth, International Association of Medical Science Educators, September 2023-present
Publications Committee, Society for Medical Decision Making, June 2024-present
IAMSE Virtual Conference Program Committee member, 2024 and 2025

Peer Review and Editorial Positions:

2014-present, Annual Meeting Abstract reviewer, Society for Medical Decision Making
2014-present, Annual Meeting Abstract reviewer, Society to Improve Diagnosis in Medicine
2019-present, Annual Meeting Abstract reviewer, International Association of Medical Science Educators
2022-present, Annual Meeting Abstract reviewer, Association for Medical Education in Europe
2022-present, Article peer reviewer, Medical Science Educator
2024-present, Article peer reviewer, MedEDPORTAL
2024-present, Article peer reviewer, BMC Medical Education
2024-present, Article peer reviewer, Academic Medicine
2025-present, Abstract reviewer, DEX25, Coordinating Center for Diagnostic Excellence, University of California, San Francisco
2025-present, Special Topic editor, AI in Health Professions Education, Medical Science Educator

Major Teaching Responsibilities

AHE 506, Subjective Outcomes in Health Evaluation, College of Population Health, Thomas Jefferson University
AHE 501, Economics of Health Insurance, College of Population Health, Thomas Jefferson University
MLN 620, Psychological Aspects of Leadership and Negotiation, Organizational Leadership and Negotiation Program, Bay Path University
MLN 610, Advance Leadership and Negotiation, Organizational Leadership and Negotiation Program, Bay Path University (MS/MBA students and DNP APRN students)
HCM 315 Healthcare Supervision
HCM 375 Health Law and Ethics
HCM 370, Quality and Risk Management in Healthcare, Health Administration, Colorado State University, Global Campus
HCM 375, The Economics of Healthcare, Health Administration, Colorado State University, Global Campus
HCM 410, Healthcare Operation Management, Health Administration, Colorado State University, Global Campus
HCM 410 Healthcare Analysis and Policy Development - Capstone
HAH 655N, Interprofessional Leadership Development. Health Administration, Massachusetts General Hospital Institute of Health Professions
HAH 630N, Health Care Law and Ethics, Health Administration, Massachusetts General Hospital Institute of Health Professions

Current Research:

1. AI Chatbots in Undergraduate Medical Education: An Implementation Study, Primary Investigator, 2023-2024 (in-kind supported study from custom.ai), deferred to 2025-2026
2. IAMSE AI Needs Assessment Survey, Principal Investigator, 2024. published
3. NYITCOM AI Needs Assessment of faculty and students, co-author and research team member, 2023-2024, manuscript published
4. AI Futures Delphi Report, 2024-2025, Principal Investigator, in process
5. IAMSE AI Needs Assessment 2.0, Principal Author, 2025, in process

Lectures by Invitation:

2005-2015, Presenter at multiple National Conferences, including ACHE, AMA, HFMA, MGMA, and MCN, plus numerous regional and national pharmacy groups, including moderating 10 national presentations at the Academy of Managed Care Pharmacy Annual Conference. Topics have included: Control Versus Cure? How to Determine the Value of Oncology Treatment within Managed Care: A Focus on Multiple Myeloma; Pay for Performance: Where's the Return; Energizing Strategies that are Redefining the Brand-to-Generic Evolution; Blurring Lines of Medical and Pharmacy Management: The New Role of Specialty Pharmaceuticals; Managed Care Pharmacy and the Evolving Diabetes Treatment Paradigm; Patient-Centered Medical Home – Integrating Medication Management to Optimize Achieved Outcomes in PCMH; Evolving Paradigm of Anticoagulation Therapy: Optimizing Managed Care Outcomes for Thromboembolic Disorders

2014-2022, Clinical Moderator, Comprehensive Care Sustainability Collaborative, National Hemophilia Foundation Advisory Board conferences, Mini-Pilot Program, E-newsletter, White Paper and HTC/Payer Video

2016-2017, Hemophilia Clinical and Cost Optimization for Managed Care and Specialty Pharmacy, National Program Moderator, 10 NHF/MER/Impact Education webinars (CME/CEU)

2015-2017, Solutions for Safer ER/LA Opioid Prescribing in a New Era of Health Care Reform, National Program Moderator, 10 REMS-compliant webinars (CME/CEU)

2015-2017, Clinical Moderator, Track 1: Clinical and Collaborative Care Recommendations for Cost Savings in Managed Care Settings, and Track 2: Clinical Updates and Treatment Management Recommendations, Webinar series, National Hemophilia Foundation

2018-2019, Gene Therapy for Hemophilia National Forums, Session Moderator

2019-2020, Multiple Sclerosis Payer-Provider Clinical Disease Process Improvement Project, National Program Moderator, Multiple Sclerosis Association of America, 4 Roundtable meetings plus White Paper contributing writer

2018-2020, IBD Payer-Provider Clinical Disease Process Improvement Project, National Program Moderator, Crohn's and Colitis Foundation, 16 Roundtable meetings and White Paper contributing writer

2024, HAH 655N, Interprofessional Leadership Development, Applied Behavioral Economics, Summer 2024.

Roles in Scientific Meetings:

2019-2020, Gene Therapy Summit, Scientific Moderator, National Hemophilia Foundation, and White Paper contributing writer
2014-2022, Continuing Care Sustainability Collaborative, Annual meeting Moderator and Program Content (Pharmacoeconomics of rare diseases)
2023, AI in Health Professions Education, organizer for a breakout group meeting, International Association of Medical Science Educators
2024, Leader, AI Community of Growth meetings, research, and presentations, International Association of Medical Science Educators
2025, Organizer, AI Learning Collaboratives. International Association of Medical Science Educators
2025, Co-Director and faculty, Artificial Intelligence in Health Profession Education Professional Development Workshops, Annual Meeting, International Association of Medical Science Educators

Bibliography

Publications, Commentary, and Meeting Reports peer-reviewed:

"Perspectives on Artificial Intelligence for Medical Education: A Training Needs Analysis of Faculty and Students." McCoy, L. et al. (2025). Submitted to the Journal of Medical Education and Curricular Development. Accepted for publication

Ause, E., et al. Tailored Education: Helping Every Student Across the Finish Line. Med Sci Educ (2025). <https://doi.org/10.1007/s40670-025-02397-6>. Accepted for publication

1. McKell, D., Naik, A., et al. Push and Pull: Navigating Strains in Health Professions Education. 2024. Med Sci Educ (2024). <https://doi.org/10.1007/s40670-024-02277-5>
2. McKell, D., McCoy, L., Nino, D. IAMSE Artificial Intelligence Meeting Survey: AI's Impact on Medical Education Faculty. Med Sci Educ. (2024). <https://doi.org/10.1007/s40670-24-02163-0>. <https://rdcu.be/d0gVj>
3. McKell, D., Ely, S., et al. Creating a Culture of Teaching and Learning. Med.Sci.Educ. (2024). MDSE-D-24-00349R0. <https://doi.org/10.1007/s40670-024-02103-y>
4. Haight, M., Ausel, E., Bahner, I. et al. One World, One Health: Tackling the Global Health Crisis. Med.Sci.Educ. (2024). <https://doi.org/10.1007/s40670-024-02038-4>
5. McKell D, Rowe R, Bahner I, Belovich AN, Bonaminio G, Brenneman A, S Brooks W, Chinn C, El-Sawi N, Habal S, Haight M, Haudek SB, Hernandez M, Ikonne U, Porter R, Taylor TAH, Thesen T. Brains, Bots, and Beyond: Exploring AI's Impact on Medical Education. Med Sci Educ. 2024 Feb 13;34(2):505-509. doi: 10.1007/s40670-024-01997-y. PM
6. Belovich, A., Taylor T., Bahner I, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Habal S, Haight M, Haudek SB, Ikonne U, McAuley RJ, McKell D, Porter R, Rowe R, Thesen T. Widening the Road to Health Professions Education: Expanding Access for Diverse and Underserved Populations. Med Sci Educ. 2023 Nov 16;34(1):273-276. doi: 10.1007/s40670-023-01943-4. PMID: 38510408; PMCID: PMC10948720.ID: 38686167; PMCID: PMC11055830.
7. Thesen T, Bahner I, Belovich AN, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Habal S, Haight M, Haudek SB, Ikonne U, McAuley RJ, McKell D, Rowe R, Taylor TAH. Not Just Fun and Games: Game-Based Learning in Health Professions Education. Med Sci Educ. 2023 Aug 24;33(5):1301-1306. doi: 10.1007/s40670-023-01859-z. PMID: 37886278; PMCID: PMC10597927.

8. Haight MA, Bahner I, Belovich AL, Bonaminio G, Brooks WS, Chin C, Habal S, El-Sawi N, Haudek SB, Ikonne U, McAuley RJ, McKell D, Porter R, Rowe R, Taylor TAH, Thesen T. The Struggle Is Real: Breaking Barriers that Limit Student Success. *Med Sci Educ.* 2023 Jan 18;33(1):311-315. doi: 10.1007/s40670-023-01732-z. PMID: 37008441; PMCID: PMC10060487.

9. Haudek SB, Bahner I, Belovich AN, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Habal S, Haight M, Ikonne U, McAuley RJ, McKell D, Rowe R, Taylor TAH, Thesen T. To Infinity and Beyond: Expanding the Scope of Basic Sciences in Meeting Accreditation Standards. *Med Sci Educ.* 2022 Aug 4;32(5):1239-1245. doi: 10.1007/s40670-022-01605-x. PMID: 36276773; PMCID: PMC9583977.

10. Haudek SB, Bahner I, Belovich AN, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Habal S, Haight M, Ikonne U, McAuley RJ, McKell D, Rowe R, Taylor TAH, Thesen T, Vari RC. How Science Educators Still Matter: Leveraging the Basic Sciences for Student Success. *Med Sci Educ.* 2022 May 4;32(3):747-753. doi: 10.1007/s40670-022-01549-2. PMID: 35531349; PMCID: PMC9066389.

11. Belovich AN, Bahner I, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Habal S, Haight M, Haudek SB, Ikonne U, McAuley RJ, McKell D, Rowe R, Taylor TAH, Thesen T, Vari RC. Back to the Future: Maximizing Student Learning and Wellbeing in the Virtual Age. *Med Sci Educ.* 2022 Feb 10;32(2):591-597. doi: 10.1007/s40670-022-01516-x. PMID: 35194523; PMCID: PMC8830965.

12. Haight MA, Bahner I, Belovich AN, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Haudek SB, Ikonne U, McAuley RJ, McKell D, Rowe R, Slivkoff M, Taylor TAH, Vari RC. Strategies for Promoting Inclusivity in Health Sciences Education. *Med Sci Educ.* 2021 Sep 10;31(6):2121-2124. doi: 10.1007/s40670-021-01391-y. PMID: 34522467; PMCID: PMC8432441.

13. Belovich AN, Bahner I, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Haight M, Haudek SB, Ikonne U, McAuley RJ, McKell D, Rowe R, Taylor TAH, Vari RC. USMLE Step-1 is Going to Pass/Fail, Now What Do We Do? *Med Sci Educ.* 2021 Jun 4;31(4):1551-1556. doi: 10.1007/s40670-021-01337-4. PMID: 34109056; PMCID: PMC8177252.

14. Belovich AN, Bahner I, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Haight M, Haudek SB, McAuley RJ, McKell D, Rowe R, Taylor TAH, Slivkoff MD, Vari RC. Admissions During the COVID-19 Pandemic: Navigating an Altered Landscape for Successful Selection of Future Healthcare Providers. *Med Sci Educ.* 2021 Feb 23;31(2):997-1000. doi: 10.1007/s40670-021-01246-6. PMID: 33643684; PMCID: PMC7899736

Publications, non-peer reviewed:

None

Abstracts:

None

Editorials, Reviews, Chapters, including participation in committee reports:

1. Urgent Care Centers: Case Study in Success, a chapter in *Freestanding Ambulatory Care Center* by Peter Friend and John Shiver, Aspen Publishers, 1982

2. *Physician-Hospital Computer Systems*, a chapter in *Physician Bonding* by Steve Valentine, (Co-authored with John Wire) Aspen Publishers, 1989

3. Physician Marketing Plans, a chapter in Strategic Healthcare Management by Steve Valentine, Aspen Publishers, 1990

Books:

1. Contributing Editor, Death: The Final Stage of Growth, Elizabeth Kubler-Ross, (1975)
2. Medical Staff Alliances: How to Succeed with your Medical Staff (Co-authored with Douglas Goldstein), AHA Publishing, 1992

Alternative Media:

1. PPMV's – Analysis of the Top 20 Firms, Capital Publications, 1997
2. A Case for Better Health Care Economics in the United States (interview with Pete Money, Managing Principal of Deloitte Touche Tohmatsu, Ltd.) Washington and Jefferson College 2015
3. Can one study change clinical practice? (interview on ORBITA study) for the Lown Institute, 2017

Other Peer-Reviewed Scholarship Not Listed Above:

1. Source of Medical Errors in an Ambulatory Surgical Facility, American Academy on Communication in Healthcare, poster session, 2009
2. Malpractice Risk Reduction in a Large Multispecialty Surgical Group, National Patient Safety Foundation, poster session, 2012
3. Malpractice Risk Reduction Program, BMJ International Conference in Quality and Patient Safety, poster session, 2013
4. An Investigation of the Application of Complex Systems Theory and Behavioral Economic Theory in Understanding the Overuse of Diagnostic Testing and Specialty Referrals by Primary Care Physicians, Preventing Overdiagnosis Conference, Study, Panel Presentation, 2014
5. Improving Physician Decision-Making to Reduce Risk Exposure, 36th Annual North American Meeting, Society for Medical Decision Making, Panel Presentation, 2014
6. Simulation Training to Improve Clinical Decision-Making by Surgical Residents, 36th Annual North American Meeting, Society for Medical Decision Making, poster session, 2014

Community Service:

Annual Connecticut Riverfront Recapture Dragon Boat charity races 2005-2007, annual volunteer in America Cancer Society relays 2007-2012, and selection to Diabetes Foundation (UK) English Channel Relay team 2015. 2004-ongoing church-related charity events, annual neighborhood winter holiday contributions of clothes and toys for adults and children, 2020-ongoing informal neighborhood visitation to older neighbors needing assistance.

Support:

None

Patents:
None