

Association Between Spinal and Non-Spinal Health Conditions Reported in Epidemiological Studies: A Scoping Review

Team Member	Biosketch	Affiliation	Country	Team Member
	<p>Bart Green, PhD, DC, MEd (lead investigator)</p>	<p>Bart Green is a doctor of chiropractic for Scripps Health in San Diego and the Veterans Affairs San Diego Health Care system. He previously practiced in the US Military Health System, in academia, and in private practice. Bart is a board-certified sports chiropractor and has served as a team health care provider for USA Weightlifting, Marine Corps Cycling and Endurance Sports, and pro-am cycling teams. He is a reviewer for the Veterans Affairs and Department of Defense Collaborative Clinical Practice Guideline for the Care and Diagnosis of Low Back Pain, on several editorial boards, and a site team member for the accrediting agency of chiropractic training programs in the US. Bart's research interests are in musculoskeletal epidemiology, education, military/veterans' health, and medical history. He is on the faculty of the National University of Health Sciences.</p>	<p>Scripps Health; VA San Diego; National University of Health Sciences</p>	<p>United States</p>
	<p>Scott Haldeman MD, DC, PhD (co-lead)</p>	<p>Scott Haldeman is a Clinical Professor in the Department of Neurology, University of California, Irvine. He is the Past President of the North American Spine Society, the American Back Society, and the North American Academy of Manipulative Therapy. He served on the Executive Council of the International Society for the Study of the Lumbar Spine. He was appointed International Ambassador for the Decade of the Bone and Joint. He is the founder and currently serves as President of World Spine Care, and he chairs the Global Spine Care Initiative, which develops evidence-informed, practical, and sustainable spine health care models for communities around the world. He served on the US Department of Health AHCPR Clinical Guidelines Committee on Acute Low Back Problems in Adults as well as 4 other Clinical Guidelines Committees. He presided over the Bone and Joint Decade 2000 to 2010 Task Force on Neck Pain and Its Associated Disorders.</p>	<p>World Spine Care; University of California, Irvine</p>	<p>United States</p>
	<p>Claire Johnson, DC, MEd, PhD (co-lead)</p>	<p>Claire Johnson is a professor at the National University of Health Sciences and serves as the Editor in Chief for three journals. She has a master's degree in health professions education and a doctorate in public health (epidemiology). She was a facilitator for the Global Spine Care Initiative (GSCI) project that developed an evidence-informed, practical, and sustainable spine health care model for communities around the world. She has been a coauthor on scoping reviews and provides per diem chiropractic care in a multidisciplinary health center.</p>	<p>National University of Health Sciences</p>	<p>United States</p>
	<p>Kent Murnaghan, BA, MIST (project medical librarian, information specialist)</p>	<p>Kent Murnaghan currently works as an Associate Librarian at the Health Sciences Library, Canadian Memorial Chiropractic College (CMCC). He has participated in over 100 systematic/scoping review projects. Kent conducts research on knowledge synthesis and on methods of higher education instruction.</p>	<p>Canadian Memorial Chiropractic College</p>	<p>Canada</p>



**Harit Agroia, DrPH,
MPH, MCHES**

Harit Agroia is an adjunct professor and senior public health program manager with more than 15 years of experience in higher education, government, and non-profit industries. Her higher education experience includes teaching epidemiology, program evaluation, and applied data analysis courses to students at both the undergraduate and graduate levels. Her research and scientific interests include social and infectious disease epidemiology; she has been involved in and directed several scoping and systematic literature reviews on related topics. She serves as an editorial board member and peer reviewer for academic journals and as a board member for public health non-profit organizations. Educational training and experience include achieving her Doctorate and Master's in Public Health, advanced certification in epidemiology for public health practice specialization, and serving as a Master Certified Health Education Specialist.

San Jose State
University

United
States



**David B Anderson,
MSc, PhD**

David Anderson is a clinician researcher from The University of Sydney. David's research is focused on improving clinical outcomes of spinal pain conditions, with a special interest in degenerative lumbar and spinal canal stenosis. David has published over 70 peer reviewed publications, including many in the leading medical journals [Lancet, Lancet Neurology, Lancet Rheumatology]. David is chair of Myelopathy.org's rehabilitation incubator, is Director of Clinical Research at Sydney Spine Institute, and part of the NASS Clinical Practice Guideline Committee and AO Spine Knowledge Forum.

The University of
Sydney

Australia



**Kristin R. Archer,
PhD, DPT**

Kristin Archer is Professor and Vice Chair of Orthopaedic Surgery and Professor of Physical Medicine and Rehabilitation at Vanderbilt University Medical Center. She is a physical therapist and health services researcher with specialized training in the design and conduct of clinical and pragmatic trials, with specific expertise in rehabilitation and behavioral intervention development (using mixed methods to design or adapt interventions) to improve pain and physical activity outcomes. She has published over 200 peer reviewed articles and has been PI on grants funded by NIH, DoD, and PCORI. She is currently a Deputy Editor for Spine and serves on the Research Committee for NASS. Dr. Archer has been recognized as a Catherine Worthingham Fellow of the American Physical Therapy Association for her contributions to the field of physical therapy related to research and education.

Vanderbilt University
Medical Center

United
States



**Larry Baker, BLS,
MPH**

Larry J.E. Baker is a dedicated healthcare professional and earned his MPH degree from Walden University. He has extensive experience in clinical research coordination, with a focus on underrepresented populations. Larry has contributed to significant research projects, including his role as a researcher at the NIH Divine 9 Research Pipeline, where he developed data-driven solutions and performed advanced data analysis. His expertise spans regulatory compliance, patient recruitment, and study documentation management. Larry's multifaceted skills continue to advance his contributions to public health and clinical research initiatives.

Walden University

United
States



Wren Burton, DC, MPH

Dr. Wren Burton is a postdoctoral research fellow at the Osher Center for Integrative Medicine at Harvard Medical School and Brigham and Women’s Hospital. She completed her BSc in exercise science at the University of New England in 2017 and her chiropractic education at Palmer College of Chiropractic’s West Campus in 2020. Additionally, she completed postdoctoral fellowship training in Integrative Medicine at Harvard Medical School and a Master’s in Public Health in Clinical Effectiveness from the Harvard T.H. Chan School of Public Health in 2023. Her current research work emphasizes the intersection of nonpharmacologic pain management and healthy aging, specifically operationalizing novel care models to increase access to care. She is a T90 Interdisciplinary Research Training Award recipient from the National Institute of Neurological Disorders and Stroke of the US National Institutes of Health.

Osher Center for Integrative Medicine, Harvard Medical School and Brigham and Women’s Hospital

United States



Alice Cade, BSc, BSc(chiro), MHSc, PhD

Alice Cade is a Senior Lecturer and Research Fellow at the New Zealand College of Chiropractic and a Research Fellow with the School of Optometry and Vision Science at the University of Auckland. She is a practicing chiropractor with over 20 years of clinical and academic experience. Her research focuses on neurophysiology, eye movement function following brain injury, and health professions education. Her work integrates eye-tracking and emerging technologies to improve the assessment of neurological and sensorimotor function in clinical populations.

New Zealand College of Chiropractic; University of Auckland Waipapa Taumata Rau

New Zealand



Joel Carmichael, DC, PhD

Joel Carmichael is an associate professor at the Universidad Central del Caribe in Bayamón, Puerto Rico, and a member of the RESTORE rehabilitation science laboratory in the Department of PM&R, University of Colorado School of Medicine, where he completed a doctorate in clinical science. After graduating from Logan University, Joel completed a hospital residency in St. Louis, Missouri, with a rotation at Royal University Hospital in Saskatoon, Saskatchewan, under J. David Cassidy and William Kirkaldy-Willis. He has been a member of CU’s faculty since 2021. Joel’s research interests include orthopedic rehabilitation for older populations, the diagnosis and treatment of complex spinal disorders, educational research, and the epidemiology of sports injuries. He was selected to serve on the sports medicine team for USA Beach Volleyball at the 2012 Olympic Games. He is active in chiropractic practice at The Center for Spine, Sport & Physical Medicine in Denver, Colorado.

Universidad Central del Caribe; University of Colorado School of Medicine

Puerto Rico; United States



Alison Celigoi, MPH

Alison Celigoi is an Infection Preventionist at the University of Pittsburgh Medical Center. She has experience working as a survey data specialist at ICF in its survey research sector. She has also conducted epidemiological studies at the University of Pittsburgh and in the Neurology laboratory at Penn State College of Medicine.

University of Pittsburgh Medical Center

United States



**Cynthia Chapman,
DC, MPH**

Cynthia Chapman is a doctor of chiropractic and public health researcher with extensive experience in musculoskeletal care. She previously practiced in private and integrated healthcare settings, providing chiropractic and acupuncture care for over 20 years, including care for pregnant patients and veterans. Dr. Chapman's research focuses on comparative effectiveness, guideline development, and scoping and systematic reviews across musculoskeletal and other health conditions, as well as health services utilization. She has served as principal investigator on grant-funded studies, contributed to federal initiatives across the Department of Health and Human Services, and is a peer reviewer for journals and conferences. Dr. Chapman is an Adjunct Associate Professor at Northeast College of Health Sciences and holds leadership roles with the American Chiropractic Association, American Public Health Association, and Unified Virginia Chiropractic Association.

Northeast College of Health Sciences; Private Practice, Occoquan, VA United States



**Rohil V. Chauhan,
PT**

Rohil is a New Zealand-based physiotherapist and Clinical Director of the physiotherapy-led orthopaedic triage service at the Auckland Spine Surgery Centre, where he conducts first specialist consultations for orthopaedic referrals. He has academic positions at The University of Auckland and LUNEX University, teaching the appropriate use and evaluation of high-tech medical imaging. Rohil's research focuses on Degenerative Cervical Myelopathy (DCM). He is an invited member of three AO Spine international working groups, translating research into clinical practice. His PhD research aims to improve the timeliness of DCM diagnosis across the Australasian region. He has presented his research across the Asia Pacific region and received several awards for his work.

Auckland Spine Surgery Centre, New Zealand; School of Clinical Sciences, Auckland University of Technology New Zealand



**Brian C. Coleman,
DC, MHS**

Brian C. Coleman, DC, MHS, is an Assistant Professor of Emergency Medicine and of Biomedical Informatics and Data Science at the Yale School of Medicine, Assistant Professor of Biostatistics (Health Informatics) at the Yale School of Public Health, and a Research Chiropractor at the VA Connecticut Healthcare System. Dr. Coleman is a health services researcher with expertise and interest in the health systems implementation of nonpharmacologic interventions for musculoskeletal pain, leveraging biomedical informatics methods to enhance and monitor the quality of pain care. His efforts are primarily focused on the Veterans Health Administration setting, with collaborations with the VA's National Chiropractic Program Office and the VA Office of Pain Management, Opioid Safety, and Prescription Drug Monitoring. He is a K08 Clinical Scientist Career Development Award recipient from the National Center for Complementary and Integrative Health of the US National Institutes of Health.

VA Connecticut Healthcare System; Yale School of Medicine; Yale School of Public Health United States



Cindy Crawford, BA

Cindy's work over the past 20+ years has been focused on bringing good evidence into practice. She has expertise and experience in convening, collecting, and collating stakeholder viewpoints to drive impactful outcomes, directing and conducting rigorous systematic reviews and meta-analyses, and facilitating expert panels. Her passion lies in engaging with diverse stakeholders to understand their unique challenges/needs, and working as part of a research team to bring trusted evidence to bear on decisions that make better, more transparent choices within specific, complex, contextual requirements. She has authored over 60 systematic reviews across health care, integrative health and medicine, nutrition, and military performance, and has contributed to several methodological papers and book chapters.

Research consultant United States



**Zachary A. Cupler,
DC, MS**

Zachary is the Chief of Physical Medicine & Rehabilitative Services and Chiropractic Residency Program Director at the Butler VA Health Care System. He is appointed as affiliate faculty to the Technology Enhancing Cognition and Health Geriatric Research Education and Clinical Center (TECH-GRECC) at VA Pittsburgh Healthcare System and adjunct clinical faculty at Northeast College of Health Sciences. Dr. Cupler’s research interests span the evaluation and management of acute and chronic spinal pain. His research currently involves the implementation and evaluation of the lumbar spinal stenosis bootcamp in the VA health care system. He serves on the North American Spine Society’s Clinical Practice Guideline Committee, American Chiropractic Association’s Research Advisory Board, Patient Centered Outcomes Research Institute (PCORI) advisory panel, Clinical Compass Scientific Commission, and has served as a subject matter expert for national and multinational clinical practice guideline development for spine condition management.

Butler VA Health Care System, VA Pittsburgh Healthcare System, Northeast College of Health Sciences

United States



**Hannah Dale BSc
(Chiro),
MClin(Chiro)**

Hannah Dale is a chiropractor in private practice in Brisbane, Australia, and a part-time Lecturer and Research Assistant at CQ University. As an early-career researcher, her work has focused on co-morbid conditions in musculoskeletal health. She is currently preparing an application for PhD candidature.

CQ University

Australia



**Todd E. Davenport
PT, DPT, PhD, MPH**

Todd serves as Professor and Chair in the Department of Physical Therapy at University of the Pacific in Stockton, California. He earned bachelor’s degrees in psychology and exercise science (sports medicine) from Willamette University, Doctor of Physical Therapy from the University of Southern California, Master of Public Health from the University of California at Berkeley, and Doctor of Philosophy in Sport, Health, and Exercise Sciences from the University of Portsmouth. He also completed the orthopedic physical therapy residency program at the University of Southern California. Todd has been recognized as a Catherine Worthingham Fellow of the American Physical Therapy Association for his diverse contributions to the field over time, including clinical practice guideline development and the formation of professional roles and competencies for physical therapists in primary care settings.

University of the Pacific

United States



**Katie de Luca
BAppSci, MChiro,
PhD**

Katie is an Associate Professor at CQUniversity, Brisbane, Australia. She teaches Advanced Clinical Diagnosis (Geriatrics), Social Perspectives of Health and Research Literacy. Her research interests focus on the epidemiology and management of musculoskeletal conditions, with expertise in older adults. She has >\$5.1M AUD in competitive grant funding, has >65 publications, including in the Lancet Rheumatology, and supervises several graduate research students. Katie is on the editorial board of Chiropractic and Manual Therapies and is Chair of the World Federation of Chiropractic, Disability and Rehabilitation Committee.

CQ University

Australia



Joseph Derian, DPT

Joseph Derian is an Assistant Professor of Clinical Physical Therapy at the University of Southern California's Division of Biokinesiology and Physical Therapy. He is actively involved in clinical practice and spine physical therapy fellowship education, as well as Doctor of Physical Therapy (DPT) student academic and clinical education. In his research, he focuses on frameworks of post-operative spine surgery rehabilitation, and education of DPT students in a wide range of topics from biomechanics of manual therapy skills to understanding common curricula regarding low back pain in DPT programs. He is an Associate Editor of *Physiotherapy Quarterly* and an active member of the North American Spine Society and the American Physical Therapy Association.

University of Southern
California

United
States



**Lindsey Ferraro,
MPH**

Lindsey Ferraro is an epidemiologist at the Alabama Department of Public Health. She earned a Master of Public Health (epidemiology) from the University of Alabama at Birmingham and completed a CSTE Applied Epidemiology Fellowship at the Tennessee Department of Health. Miss Ferraro has authored one outbreak publication and six nationally accepted abstracts.

Alabama Department of
Public Health

United
States



**Marjorie Getz, MA,
MPHIL**

Marjorie Getz is a professor at Methodist College, a Midwestern nursing/health sciences college, where she teaches epidemiology. She has a BS degree in Psychology (minors in biology and art) from the University Maryland, an MA in Psychology (specialty in Developmental and Health Psychology) from Wesleyan University (thesis topic: determinants smoking cessation in persons enrolled in stop smoking programs) and an MPHIL from Yale University in epidemiology and public health (thesis topic: stress and health in academic physicians). She is credentialed as a Professional Gerontologist by the NAPG and licensed as a psychotherapist through the state of Illinois. She is a 23-year member of the Executive Steering Committee of the Illinois Asthma Partnership (funded through the CDC). She is also a member of the Qualitative Research Interest Group of the Gerontological Society of America and a section member of Aging and Public Health and Epidemiology of the American Public Health Association.

Methodist College—
Carle Health

United
States



**Joe Godges, DPT,
MA**

Joe Godges is the coordinator of clinical education and practice for Sutter Health. Dr. Godges began his PT experience serving as an officer in the US Army in 1980. His professional development includes receiving his MA in counseling psychology. He has spent the last 35 years of his career training physical therapy residents and fellows in clinical residency and fellowship programs for Kaiser Permanente, University of Southern California, and Sutter Health. From 2008 to 2017, Joe served as the ICF-based Clinical Practice Guidelines Coordinator and Editor for the Academy of Orthopaedic Physical Therapy of the American Physical Therapy Association. During this period, 15 CPGs were published in the *Journal of Orthopaedic and Sports Physical Therapy*. Recently, Dr. Godges has accepted a position in a consulting role to assist with Practice Guideline Integration for the APTA Orthopedics (formerly AOPT).

Sutter Health
California

United
States



**Lindsay Gorrell,
MChiroprac, PhD**

Lindsay is a Research Associate and Lecturer in the Department of Chiropractic Medicine at the Balgrist University Hospital, University of Zurich, Switzerland. She completed her clinical training as a Chiropractor at Macquarie University, Australia, and a PhD at the University of Calgary, Canada, before moving to Switzerland to work as an International Research Fellow. Lindsay is currently studying a Master of Science in Medical Education at Oxford University, England, and teaches in the 4th and 5th year Chiropractic Skills courses at UZH. She has practiced as a Chiropractor in Australia, Canada, and Switzerland. One of her main research interests is quantifying the biomechanics of spinal manipulation to establish optimal approaches to teaching and learning and to better understand the neuromechanical and clinical effects of the intervention.

Balgrist University
Hospital, University of
Zurich Switzerland



**Stephanie Halloran,
DC, MS**

Stephanie Halloran is a staff chiropractor and Residency Program Director within the VA Boston Healthcare System. At the VA, Dr. Halloran's clinical practice focuses on non-pharmacological pain management, with an emphasis on Whole Health and lifestyle changes to include movement, nutrition, sleep, stress and socioeconomic factors. Her research interests include integrated musculoskeletal care delivery, multidisciplinary Whole Health pathways, and identifying and addressing mistreatment of trainees. Dr. Halloran has been extensively involved in professional organizations, currently serving as Chair of Membership Committee for the North American Spine Society and a member of the Editorial Review Advisory Board for the American Chiropractic Association. Additionally, she is a member of the Academy of Site Team Visitors with the Council on Chiropractic Education.

VA Boston Healthcare
System United
States



**Benjamin Holmes,
DC, PhD**

Ben Holmes is an Assistant Professor of Orthopaedic Surgery at Duke University School of Medicine. He practices chiropractic within Duke's multidisciplinary Spine Center, working both with the general public and university athletes. In addition to his clinical training, Dr. Holmes completed a PhD at the Medical College of Wisconsin in Public & Community Health and has subsequently conducted and collaborated on multiple research projects. His research interests include: spinal health care in low-resource settings, spine injury epidemiology, global spine health and traditional spine care practices, and yoga.

Duke University United
States



**Eric Hurwitz DC,
MS, PhD**

Eric Hurwitz is Professor and Graduate Chair of Epidemiology in the Office of Public Health Studies in the Thompson School of Social Work and Public Health at the University of Hawaii at Mānoa. He graduated from Los Angeles College of Chiropractic (Southern California University of Health Sciences) in 1988 and subsequently received MS and PhD degrees in Epidemiology from UCLA. Dr. Hurwitz's research interests include the epidemiology and treatment of musculoskeletal disorders and chronic diseases; the interrelationships of psychosocial, behavioral, and immune factors in the etiology and prognosis of physical and psychological pain; the safety and effectiveness of therapeutic and preventive interventions; and methods in observational and clinical epidemiology.

University of Hawaii at
Mānoa United
States



**Theodore Johnson,
DC, MS**

Theodore Johnson serves as the Dean of Clinics for National University of Health Sciences. He has published several manuscripts in peer-reviewed journals. He is also a reviewer for the Journal of Chiropractic Medicine and the Journal of Bodywork & Movement Therapies. He is a board member of Chiropractic Educators Research Forum (CERF).

National University of
Health Sciences

United
States



**Stephen Kareha,
DPT, PhD**

Stephen Kareha is Director of Orthopaedic Physical Therapy Residency and Director of Spine Physical Therapy Fellowship for St. Luke's University Health Network (Bethlehem, PA) and Assistant Professor - Clinical Associate in the Department of Physical Therapy at DeSales University (Center Valley, PA). His research interests include diagnostic classification for the shoulder complex, physical therapists in primary musculoskeletal care, psychologically informed care, and health services research. He is a board-certified specialist in orthopaedic physical therapy and practices at Physical Therapy at St. Luke's, St. Luke's University Health Network (Bethlehem, PA). He teaches evidence-based practice and musculoskeletal content in the entry-level Doctor of Physical Therapy program at DeSales University and teaches evidence-based practice and evaluation and management of spine, hip, shoulder, and craniomandibular disorders in the St. Luke's University Health Network Orthopaedic Residency. Dr. Kareha currently serves as an editorial board member for the International Journal of Academic Medicine and as a reviewer for multiple journals.

St. Luke's University
Health Network &
DeSales University

United
States



**Justin M. Lantz,
DPT**

Justin M. Lantz is an Associate Professor of Clinical Physical Therapy and an Associate Professor of Clinical Family Medicine at the University of Southern California (USC). He is the founder and current Director of the USC Spine Physical Therapy Fellowship Program and operates as a practicing clinician at USC Physical Therapy. Dr. Lantz is recognized by the American Board of Physical Therapy Specialties as a board-certified Orthopedic Clinical Specialist (OCS) as well as a Fellow of the American Academy of Orthopedic Manual Physical Therapists (FAAOMPT). Alongside his clinical and academic pursuits, his research interests include postoperative management of spine surgery, and he has published and disseminated his work at the state, national, and international levels. He serves on the *Spine* Advisory Editorial Board and also contributes as a Deputy Editor for *Physiotherapy Research International*. Dr. Lantz is passionate about advancing interdisciplinary spine care and advocacy and holds leadership positions on the Early Advisory Council, Clinical Practice Guidelines Committee, and Section on Interdisciplinary Spine Care within the multidisciplinary North American Spine Society (NASS).

University of Southern
California

United
States



**Brandon Lucke-
Wold, MD, PhD**

Brandon Lucke-Wold is a Neurosurgeon Scientist at the University of Arizona. He was awarded the Dempsey Cerebrovascular Research Fellowship, NSTP Year 1 Fellowship, Van Wagenen Fellowship, R25 Grant, SNIS Fellowship, NREF Research Grant, SVIN Grant, and KLS Martin Award in addition to multiple research presentation awards. He has published >500 papers and book chapters. He completed residency and fellowship training at the University of Florida and his MD/PhD training at West Virginia University. He was recent past co-chair for the NASS Early Advisory Council. He has a specific interest in spinal vascular disorders and emerging treatments.

University of Arizona

United
States



Hani Malone, MD

Hani Malone is a neurosurgeon with fellowship training in minimally invasive spine surgery. He specializes in the treatment of complex disorders involving the cervical, thoracic and lumbar spine using minimally invasive techniques. He also practices general neurosurgery and has extensive experience treating patients with brain-related conditions. Dr. Malone has published more than 25 peer-reviewed papers in neurosurgery and spine surgery literature. He has also written chapters for more than 10 textbooks and routinely presents at national meetings in neurosurgery and spine surgery. He is active in graduate medical education and participates in the training of new spine surgeons. Dr. Malone received his undergraduate degree from Harvard and graduated with honors in 2004.

Scripps Clinic

United States



Sean Mathers, PT, DC

Sean is the Chiropractic Section Chief at VA Pittsburgh Healthcare System (VAPHS). He is an adjunct associate professor at the University of Pittsburgh in the Doctor of Chiropractic Program. He was recently appointed as an affiliate faculty to the Technology Enhancing Cognition and Health Geriatric Research Education and Clinical Center (TECH-GRECC) at VAPHS. Dr. Mathers has published on clinical training in chiropractic and in July 2024 participated as a committee member in London, England with the World Health Organization (WHO) updating Benchmarks in Clinical Training for Chiropractic. Dr. Mathers' current research interest involves the implementation and evaluation of lumbar spinal stenosis bootcamp in the VA health care system. He serves as a member of the Council on Chiropractic Education Academy of Site Team Visitors. Recently, Dr. Mathers was appointed to serve on the Site Team Academy Committee, which is responsible for the review and appointment of new candidates.

VA Pittsburgh Healthcare System; University of Pittsburgh

United States



Sharné Naidoo, MTech

Sharné Naidoo is a dedicated chiropractic professional with both academic and clinical experience. She began her teaching career at the University of Johannesburg in 2020 and became a full-time lecturer in 2021. Sharné coordinates key academic initiatives while contributing to committees and course development. Currently pursuing a Doctor of Health Science in Chiropractic, she has also completed several short learning programs to enhance her research and teaching skills. Her research supervision includes topics such as chiropractic students' experiences with artificial intelligence tools, perceptions of mental health, and the prevalence of low back pain among athletes. She is also involved in scoping reviews on global chiropractic education and health technologies, and co-authoring articles on evidence-based practice.

University of Johannesburg

South Africa



Chulwoo Park, DrPH, MSPH

Chulwoo Park is an assistant professor in the Department of Sociology, Anthropology, and Public Health at the University of Maryland, Baltimore County. He is a global and community health researcher with extensive fieldwork experience in disease prevention and control, health equity, immigrant and minority health, and health promotion. His work also incorporates big health data science, including analyses of the U.S. Census Bureau and NIH datasets. He has developed and applied a wide range of mixed-methods approaches, including explanatory, exploratory, and three-step sequential mixed-methods designs, as well as evidence-synthesis methods such as narrative review, scoping review, systematic literature review, and meta-analysis. He teaches quantitative and qualitative methods, epidemiology, biostatistics, and introduction to public health and global health, and mentors both undergraduate and graduate students in research training.

University of Maryland, Baltimore County

United States



**Andrés Remis,
DPT**

Andrés Remis is a board-certified orthopedic and sports clinical specialist at Duke Health with expertise in orthopedic, spine, and postoperative rehabilitation. He earned his Doctor of Physical Therapy with highest distinction from the University of Nebraska Medical Center and completed advanced clinical training through an orthopedic residency at Mayo Clinic, a spine fellowship at the University of Southern California, and an orthopedic manual physical therapy fellowship at Duke University. In addition to clinical practice, Dr. Remis serves as a teaching assistant in the Duke DPT program and provides didactic instruction within Duke's residency and fellowship programs. He has delivered presentations at national (CSM, NASS) and international (ISSLS) conferences, and his scholarly work includes peer-reviewed publications in *Spine*, *NASSJ*, and *JOSPT Cases*. Dr. Remis is committed to improving patient outcomes and advancing clinical education through evidence-based practice and interprofessional collaboration.

Duke University Health
System

United
States



Samuel Schut, DC

Samuel Schut is a staff chiropractor within the Department of Wellness and Preventive Medicine at Cleveland Clinic and a Clinical Assistant Professor of Medicine at the Lerner College of Medicine of Case Western Reserve University. Dr. Schut's clinical practice emphasizes evidence-based, nonpharmacologic management of spine and musculoskeletal disorders within interprofessional care teams. His research interests center on integrated musculoskeletal care, chiropractic training pathways, student loan debt, documentation quality in healthcare systems, and unusual pain presentations. He has received intramural research support, including competitive grant funding. Dr. Schut is actively involved in professional organizations and regularly lectures on interdisciplinary spine care, clinical integration, and research methods within chiropractic and medical settings.

Cleveland Clinic; Lerner
College of Medicine of
Case Western Reserve
University

United
States



Stone Sima, BS

Stone is in the University of New South Wales Doctor of Medicine program and a PhD candidate, under the supervision of Dr Ashish Diwan at Spine Labs, St George and Sutherland Clinical School, UNSW. His thesis focuses on pain phenotyping and novel diagnostic methods for patients suffering with chronic low back pain, especially targeting the human microbiome. He has numerous publications in the area of orthopaedics, low back pain, comorbidities of pain, and diagnostic imaging features of lumbar degeneration. He has been recognized with the University Postgraduate Award from the University of New South Wales, an early career scholarship at the 35th Annual Scientific Meeting of the Spine Society of Australia as well as the best oral presentation at the 2024 Sydney Spine Symposium. He is a member of AO Spine.

Spine Labs, St George
and Sutherland Clinical
School, University of
New South Wales

Australia



**Matthew Smuck,
MD**

Dr. Matthew Smuck is the Chief of PM&R, Vice Chair of Rehabilitation Services and Professor of Orthopaedic Surgery at Stanford University. He is the Medical Director of Rehabilitation Services for Stanford Healthcare where his clinical work concentrates on medical and interventional management of spine disorders. He is the Deputy Editor-in-Chief of *Interventional Pain Medicine*. Dr. Smuck is a pioneer in the field of human physical performance monitoring. He founded and directed the Wearable Health Lab at Stanford, focused on developing methods of wearable sensor data analytics to discover digital phenotypes of mobility-limiting orthopedic and neurologic diseases, and applying these methods to improve disease detection, prevention, and treatment. Dr. Smuck is an award-winning researcher, and his work is recognized by numerous awards, including the ISSLS Medtronic Award, the American Academy of PM&R's President's Citation Award, the *PM&R Journal* Best Original Research Award, several Outstanding Paper Awards from *The Spine Journal*, the ISSLS Prize, and the NASS Henry Farfan Award.

Stanford University

United
States



**Gregory Snow, DC,
MSED**

Greg Snow is a doctor of chiropractic who serves as Dean of Faculty and Chief Student Success Officer at Life Chiropractic College West in Hayward, California. His previous roles include Senior Campus Administrator, dean of Academic Affairs, dean of Clinics, and faculty clinician during his 30-year tenure at Palmer College of Chiropractic's West campus. Greg's research efforts have focused on clinical case studies, chiropractic education and vulnerable patients. A 1990 graduate of Palmer College's West Campus, he received his Master's degree in educational leadership at Cal State University East Bay in 2024 and his Bachelor of Arts (chemistry) from the University of Iowa in 1986.

Life Chiropractic College
West United States



**Ola Soudah, MS,
PhD**

Ola Soudah holds a Ph.D. in clinical sciences with a focus on translational epidemiology, applied biostatistics, patient-centered care, and health services research. She earned her doctorate from the University of Texas Medical Branch, USA, in Oct. 2018. Her dissertation research explored the impact of diabetes on cognitive decline among older adults using Health and Retirement Study (HRS) data. Currently, she works as an assistant professor of community and public health at Yarmouk University-Faculty of Medicine. She has incorporated her expertise in teaching medical students research methodology, medical statistics, epidemiology, public health, principles of health prevention and promotion programs, and healthcare management. Her research focuses on assessing community health outcomes, digital solutions to address the tobacco epidemic, and access to healthcare among refugees. She is a member of the Yarmouk University IRB committee for Human Research Integrity and a director of the Medical Research Office at the Faculty of Medicine to support medical students in their research projects.

Yarmouk University Jordan



**Patricia Tavares
BSc, DC**

Pat Tavares is an Associate Professor at the Canadian Memorial Chiropractic College (CMCC) and the Clinical Director of World Spine Care. She is actively involved in research at CMCC. She also serves as Vice President/Secretary of the board of the Canadian Chiropractic Orthopedists and is a board member of the Ontario Chiropractic Association and the Guidelines Executive Committee. Her research currently involves the implementation of the Global Spine Care Initiative in a remote community in northern Manitoba and the implementation, tailoring, and evaluation of the Spine mobility bootcamp program for degenerative lumbar spinal stenosis at an inner-city community clinic in downtown Toronto.

Canadian Memorial
Chiropractic College Canada



**Kehinde Tom-
Ayegunle, MD, MPH**

Kehinde Tom-Ayegunle is an experienced physician and award-winning researcher with expertise in clinical epidemiology, having a master's degree in public health with a focus on epidemiology and biostatistics. She has co-authored multiple peer-reviewed papers, contributing significantly to clinical medicine and advancing our understanding of population-level challenges. She has actively participated in the creation of clinical guidelines centered around non-communicable diseases, helping to bridge the gap between research findings and practical clinical applications.

Johns Hopkins
University United States



**Robert Vining, DC,
DHSc**

Dr. Vining is a Professor and Associate Dean of Clinical Research at the Palmer Center for Chiropractic Research. He earned a Doctor of Chiropractic degree from Logan University and a Doctor of Health Science degree from Jefferson College of Health Sciences (now Radford University Carillion). His experience includes private practice, clinical education, clinical research, and mentoring early career researchers. His research has focused on integrating chiropractic care into multidisciplinary settings, studying the role of thoracolumbar fascia in low back pain, supporting evidence-based diagnosis and treatment planning for low back pain, and developing quality measures for chiropractic care.

Palmer College of
Chiropractic

United
States



**Krista Ward, DC,
MPH**

Krista Ward is a research specialist at Life Chiropractic College West in Hayward, California, and is an experienced educator in clinical, public health, and academic settings. She has a Doctor of Chiropractic degree from Palmer College of Chiropractic West and a Master of Public Health degree from San Francisco State University. She has served as secretary and policy chair for the Chiropractic Health Care section of the American Public Health Association. Her research interests and publication topics include health disparities, non-pharmacological pain management, quality of life and well-being, and educational effectiveness.

Life Chiropractic College
West

United
States



**Yi Kai Wong, BSc
Chiro, MSc Public
Health**

Yi Kai Wong is a Senior Lecturer at IMU University, Malaysia, and President of the Association of Chiropractic Malaysia. His academic and research work focuses on musculoskeletal health, chiropractic regulation and policy, ethical clinical decision-making, and health professions education. He is currently pursuing a doctoral degree. Yi Kai has been actively involved in international service-learning initiatives, interdisciplinary rehabilitation collaborations, and professional workforce development within Malaysia's Traditional and Complementary Medicine framework and beyond. He contributes to curriculum development, clinical education, and evidence synthesis activities, with particular interest in strengthening evidence-informed chiropractic practice and regional capacity building in spine and rehabilitation care.

IMU University

Malaysia



**Lianne Wood, PT,
MSc, PhD**

Lianne is an Associate Professor at the University of Exeter School of Medicine. Her research focusses on the epidemiology and management of spinal disorders, particularly low back pain, degenerative cervical myelopathy and spinal stenosis. She supervises post-graduate students exploring conservative management of chronic pain, deprescribing, preventing unnecessary hospital admissions, and virtual reality for chronic pain. She is an Advanced Practice Spinal Physiotherapist, and is on National Executive Committee for Advanced Physiotherapy Practice. In addition, she contributes to the RECODE-DCM diagnostic criteria and peri-operative incubators, as well as the International Framework for Serious Spinal Pathology working group.

University of Exeter,
Exeter

United
Kingdom



**Haiou Yang MS,
PhD**

Haiou Yang is a specialist at the School of Medicine, University of California, Irvine. She earned her master's degree and PhD in sociology from the University of Hawaii. Her research interests are in occupational and environmental epidemiology of cardiovascular diseases, mental health disorders, and musculoskeletal disorders; community health and health disparities.

University of California,
Irvine United
States



**Ammar Yasir, DVM,
MPH**

Ammar Yasir is currently working as a Ph.D. student at the Environmental Health Sciences, School of Public Health, University of Minnesota. He is also a veterinarian and serves in student technical support in the College of Veterinary Medicine, Veterinary Biomedical Sciences at the University of Minnesota. Ammar has published public health papers on infectious diseases in both humans and animals in Pakistan. He was honored in 2024 by the Environment Section of the American Public Health Association with a scholarship from the National Institutes of Environmental Health Sciences.

University of Minnesota United
States



**Christopher
Yelverton, MTech
Chiro, PhD**

Professor Christopher Yelverton is an Associate Professor at the University of Johannesburg, holding a PhD and a Fellowship with the Royal College of Chiropractors. With over two decades of service, he has led the Chiropractic Department and currently serves as Vice Dean for Research and Global Engagement. His leadership spans national councils and international roles, including President of the European Council on Chiropractic Education. A prolific researcher and invited speaker, he publishes extensively and contributes to editorial boards. His commitment to the field has earned him numerous accolades, such as the Chiropractic Association of South Africa's Presidential Award and Honorary Life Membership. Through his academic work and global collaborations, Prof. Yelverton remains dedicated to advancing chiropractic education and research worldwide

University of
Johannesburg South
Africa



Morgan Young, DC

Morgan Young is the Associate Medical Director for Chiropractic with the Washington State Department of Labor and Industries, where his focus is on developing evidence-informed health care policies and improving conservative care for injured workers. Prior to his current role, he taught at Palmer College of Chiropractic West for 10 years and collaborated on 20+ publications as a research faculty. He has multidisciplinary practice experience at Cisco Systems' corporate on-site healthcare, as well as contracted work for Kaiser Occupational Medicine in San Jose, CA. He currently serves as the District 5 representative to Clinical Compass.

Washington State
Department of Labor
and Industries United
States