

CURRICULUM VITAE

Jeffrey A. King DC, MS

**Associate Professor
Department of Neurosurgery**

OFFICE ADDRESS:

Tosa Center
1155 N Mayfair Rd
Milwaukee, WI 53226

EDUCATION:

09/2004 - 05/2008 BA, Augustana College, Rock Island, IL
09/2008 - 12/2011 DC, Logan University, Chesterfield, MO
05/2010 - 04/2012 MS, Logan University, Chesterfield, MO

FACULTY APPOINTMENTS:

01/2014 - 06/2022 Assistant Professor, Neurosurgery, Medical College of Wisconsin
07/2022 - Present Associate Professor, Neurosurgery, Medical College of Wisconsin

ADMINISTRATIVE APPOINTMENTS:

12/03/2018 - Present Director of Chiropractic, Neurosurgery, Medical College of Wisconsin
04/01/2020 - 12/31/2020 Interim Supervisor Physical Therapy, Neurosurgery, SpineCare, Medical College of Wisconsin

SPECIALTY BOARDS AND CERTIFICATION:

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Doctor of Chiropractic State of Wisconsin	4854-12	01/31/2013	None

AWARDS AND HONORS:

09/29/2019 Chiropractor of the year, Wisconsin Chiropractic Association
10/22/2019 - 06/02/2020 MCW Leadership academy, MCW

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

12/2012 - Present Wisconsin Chiropractic Association (Member)
08/28/2013 - Present North American Spine Society (Member: "Allied Health")
12/2017 - Present American Chiropractic Association (Member)
04/02/2021 - Present American Public Health Association - Chiropractic Section (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
11/14/2017 - Present World Neurosurgery

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

12/2012 - 06/2016 Committee member, Continuing Education Committee Member, Wisconsin Chiropractic Association
02/2014 - 11/2017 Chair, Evidence Based Chiropractic Committee, Wisconsin Chiropractic Association
07/01/2016 - 02/06/2018 Board Member, Chiropractic Examining Board, State of Wisconsin

02/06/2018 - 08/29/2019 Vice Chairperson, Chiropractic Examining Board, State of Wisconsin
08/29/2019 - 08/04/2020 Chair, Chiropractic Examining Board, State of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

12/20/2013 - 12/31/2021 Committee Member, Guideline committee, North American Spine Society
07/01/2015 - 07/01/2016 Secretary, Executive Committee, American Academy of Chiropractic Physicians
10/01/2020 - 10/31/2020 Member, Future of Chiropractic Perceptions Survey, Congress of Chiropractic State Associations
12/01/2020 - 01/31/2021 Member, Education Leadership & Faculty Cohort Group Participant, Congress of chiropractic state associations
01/01/2021 - 01/31/2021 Member, Chiropractic Future Scenarios Think Tank, Congress of Chiropractic State Associations

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Prevalence of neck pain/disability in a mild traumatic brain injury (concussion): an observational study
Source:	NCMIC Foundation
Role:	PI
PI:	Jeff King
Dates:	06/01/2021 - Present
Direct Funds:	\$34,241

Prior

Peer Review

Title:	The effect of repetitive axial loading on a pre-existing lumbar intervertebral disc herniation in a human cadaver specimen: a pilot study
Source:	NCMIC Foundation
Role:	Principal Investigator
PI:	Jeff King DC, MS
Dates:	03/26/2018 - 01/11/2021
Direct Funds:	\$51,329

Non-Peer Review

Title:	Addition of manual therapy and manipulation to the treatment of patients with post-concussion syndrome and concurrent neck pain
Source:	Department of Neurosurgery
Role:	Principal Investigator
PI:	Jeff King
Dates:	02/25/2016 - 07/10/2018
Direct Funds:	\$5,390

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Jeff King, Chiropractic and Opioid Reduction/Avoidance, Governor's Task Force on Opioid Abuse, Milwaukee, WI, 04/13/2018
Jeff King, Chiropractic: Opioid Reduction & Avoidance, The Alliance: The Opioid Epidemic Summit: Its Impact on the Workplace, Madison, WI, 07/24/2018

King J., Podolak J., Mui S, Effective Allies Non-Pharmalogical approaches to decrease opioid use and treat pain, Wisconsin department of health services opioid summit, Virtual (Covid-19), 04/16/2021

Regional

Jeff King DC, MS, Integrated Chiropractic, Invited lecture to student body, Logan University, 08/04/2017

Jude Miller, Jordan Gliedt, Jeff King, Panel discussion on integrated chiropractic care, Invited Panel to Student Body, Logan University, 07/18/2019 - 07/18/2018

National

Jeff King, Integrated chiropractic, Invited Lecture to Student Body, University of Western States, 07/15/2019

Jeff King, Chiropractic treatment in acute neck and back pain: Indications and contraindications, Spine Summit 2023, Miami, Florida, 03/16/2023

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Jordan Gliedt, Jeff King, Michael Schneider, Addressing the biopsychosocial influence on pain in clinical practice, Association of Chiropractic Colleges Research Agenda Conference, Dallas Texas, 03/09/2018

Rodriguez B., King J., Kim I., Thomas D., Incidence of neck pain in pediatric mild traumatic brain injury in the emergency department, Pediatric Academic Societies 2020 Meeting, Cancelled due to Covid-19, 05/05/2020

Rodriguez B., King J., Kim I., Thomas D., Incidence of Neck Pain in Patients With Concussion in a Pediatric Emergency Department, 2020 Sports Concussion Virtual Conference, American Academy of Neurology, Virtual, 07/31/2020

Jeff King, Frequency of primary neck pain in mild traumatic brain injury/concussion patients, American Chiropractic College Research Agenda Conference, Virtual, 04/26/2021 - 04/27/2021

Jeff King, Nathan Hinkeldey & Jude Miller, Understanding the skills chiropractic students need for interdisciplinary training, American Chiropractic College Research Agenda Conference, Virtual, 04/26/2021 - Present

David R. Buys, Marion W. Evans, Robert Leach, Jeffrey King, Exploring the association between low back pain and incident falls over three years: Results from the UAB study on Aging., American Public Health Association Annual Meeting, Denver, Co, 10/25/2021

International

Michael Schneider, Meenakshi Sundaram, Anthony Kontos, Clair Smith, Jeff King, Charity Patterson, Prevalence of neck pain and disability in mild traumatic brain injury (concussion), 18th international back and neck pain forum, Croningen, Netherlands, 08/29/2023 - 09/01/2023

COMMITTEE SERVICE:

Medical College of Wisconsin

04/01/2017 - Present Program Director, Spine Research Day Planning Committee, Neurosurgery, Medical College of Wisconsin

12/01/2018 - 12/31/2020 Member, SpineCare Non-Op Leadership Team, Neurosurgery, MCW

Hospital

03/01/2019 - Present Member, Spine Service Line Steering Committee, Froedtert/MCW

04/01/2019 - Present Member, Multi Modal Spine Quality Process Management Committee, Froedtert/MCW

09/02/2021 - Present Member, Multimodal Spine Grand Rounds Subcommittee, Froedtert/MCW

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

05/01/2014 - Present One on one clinical education with medical students covering examination, diagnosis and the application of manual therapies during elective PMR rotations.

10/2018 - 08/2019 Chiropractic students rotated through MCW as part of a formal preceptorship within the

department of Neurosurgery. Two successful rotations were completed.

Resident and Fellow Education

04/25/2018 Resident didactic lecture Department of PMR. "Chiropractic is it all it's cracked up to be".

Continuing Medical Education

08/10/2018 Spine Day: Cervical Spine involvement in mTBI/Concussion population

EXTRAMURAL TEACHING:

Community/Lay Public

05/21/2014 MCW/FH OSSC Clinic, Lay lecture on treatment/management of back pain.

Continuing Medical Education

12/12/2013 Wisconsin Chiropractic Association, Madison, WI "Concussion Overview"

03/08/2014 Wisconsin Chiropractic Association, Madison, WI "Concussion Overview".

09/11/2014 Wisconsin Chiropractic Association, Eau Claire, WI "Concussion Overview"

10/02/2014 Wisconsin Chiropractic Association, Wisconsin Dells, WI "Concussion Overview"

11/06/2014 Wisconsin Chiropractic Association, Wausau, WI "Concussion Overview"

12/11/2014 Wisconsin Chiropractic Association, Green Bay "Concussion Overview"

09/17/2015 Wisconsin Chiropractic Association, Wisconsin Dells, WI "Evidence Based Orthopedic Assessment"

06/04/2016 Wisconsin Chiropractic Association, Brookfield, WI "Evidence Based Orthopedic Assessment"

07/14/2016 Wisconsin Chiropractic Association, Madison, WI "Evidence Based Orthopedic Assessment"

08/11/2016 Wisconsin Chiropractic Association, Wausau, WI "Evidence Based Orthopedic Assessment"

12/10/2016 Wisconsin Chiropractic Association, Brookfield, WI "Evidence Based Orthopedic Assessment"

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

Briana Rodriguez MD, MCW, 06/08/2018 - 09/28/2021 Research Project/Manuscript, Manuscript successfully published in peer reviewed journal

Sarah Plachinski, MCW, 08/18/2020 - Present Research manuscript, Manuscript completed and successfully submitted

Faculty

Jordan Gliedt DC, MCW, 12/03/2018 - Present Supervisor, Successfully navigating PhD while maintaining clinical practice

Clinical Staff

MCW, 09/15/2021 - Present MCW Leadership Academy Project Mentor

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Undergraduate Students

Ben Kohler, DC, 10/08/2018 - 12/12/2018 Chiropractic Preceptorship, Successfully completed Preceptorship

Medical Students

Shannon Schueren DC, MCW/Parker University, 05/06/2019 - 08/01/2019 Preceptorship, Successfully completed preceptorship and now practices in Washington state.

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Student

10/2017 - 08/01/2019 Chiropractic Preceptorship

Clinical Programs

05/12/2020 - 08/20/2020 Rapid referral program for ED patients low back pain to Chiropractic care at SpineCare.

10/30/2020 - Present vertebral fragility fracture pathway development

"EVERYDAY HEALTH";

06/01/2019 - 06/30/2019 Interviewed for "Everyday Health" on WTMJ 4 Television station and their partner radio station detailing the services at SpineCare. This was aired repeatedly for one month.

CHIROPRACTIC ECONOMICS ARTICLE:

10/14/2019 This is an article that I was interviewed for highlighting the benefits of MD/Chiropractic integration and collaboration which details our SpineCare Program at MCW. Chiropractic Economics is one of the largest industry publications in the chiropractic profession
<https://www.chiroeco.com/chiropractors-mds/>

FROEDTERT TODAY STORY:

03/2021 Froedtert Today article detailing successful virtual treatment of a patient at the beginning of the Covid-19 pandemic.
<https://digitaledition.qwinc.com/publication/?m=23078&i=693784&p=18&ver=html5>

LOGAN TOWER MAGAZINE:

07/05/2018 An article was written regarding my work at Froedtert/MCW in a quarterly magazine published by Logan University. "Dr. Jeff King: Empowering and Educating Patients"

LOGAN UNIVERSITY BLOG POST:

05/10/2019 This is a blog post by my alma mater detailing my appointment as the director of chiropractic at MCW. <https://www.logan.edu/logan-alumnus-dr-jeff-king-named-director-of-chiropractic-at-the-medical-college-of-wisconsin/>

MCW LEADERSHIP ACADEMY:

10/22/2019 - 06/02/2020 The MCW Leadership Academy is a collaborative program between the Medical College of Wisconsin (MCW) and the University of Milwaukee (UWM) Sheldon B. Lubar School of Business aimed at preparing faculty and staff leaders to address the challenges inherent in the ever-changing environment of academic medicine. Acceptance is competitive and members must be selected from a large pool of applicants. The program is designed to bring current, relevant business and leadership skills to leaders in an abbreviated, but intense and interactive manner.

WORLD FEDERATION OF CHIROPRACTIC QUARTERLY REPORT:

01/2019 Article written detailing the chiropractic preceptorship program created at MCW to train senior chiropractic students in an integrated setting. The World Federation of Chiropractic is the professional organization with Chiropractic that reports to the WHO. "Logan University College of Chiropractic establishes preceptorship program with the Medical College of Wisconsin"
<https://www.wfc.org/website/images/wfc/qwr/2019/QWR2019JAN.pdf>

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Gliedt JA, Schneider MJ, Evans MW, King J, Eubanks JE Jr. The biopsychosocial model and chiropractic: a commentary with recommendations for the chiropractic profession. Chiropr Man Therap. 2017;25:16. PMID: PMC5461754

2. Kreiner DS, Matz P, Bono CM, Cho CH, Easa JE, Ghiselli G, Ghogawala Z, Reitman CA, Resnick DK, Watters WC 3rd, Annaswamy TM, Baisden J, Bartynski WS, Bess S, Brewer RP, Cassidy RC, Cheng DS, Christie SD, Chutkan NB, Cohen BA, Dagenais S, Enix DE, Dougherty P, Golish SR, Gulur P, Hwang SW, Kilincer C, King JA, Lipson AC, Lisi AJ, Meagher RJ, O'Toole JE, Park P, Pekmezci M, Perry DR, Prasad R, Provenzano DA, Radcliff KE, Rahmathulla G, Reinsel TE, Rich RL Jr, Robbins DS, Rosolowski KA, Sembrano JN, Sharma AK, Stout AA, Taleghani CK, Tauzell RA, Trammell T, Vorobeychik Y, Yahiro AM. Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of low back pain. *Spine J.* 2020 Jul;20(7):998-1024.
3. King JA, McCrea MA, Nelson LD. Frequency of Primary Neck Pain in Mild Traumatic Brain Injury/Concussion Patients. *Arch Phys Med Rehabil.* 2020 Jan;101(1):89-94. PMID: PMC6930963
4. Arpinar VE, Gliedt JA, King JA, Maiman DJ, Muftuler LT. Oswestry Disability Index scores correlate with MRI measurements in degenerating intervertebral discs and endplates. *Eur J Pain.* 2020 Feb;24(2):346-353.
5. Kreiner DS, Matz P, Bono CM, Cho CH, Easa JE, Ghiselli G, Ghogawala Z, Reitman CA, Resnick DK, Watters WC 3rd, Annaswamy TM, Baisden J, Bartynski WS, Bess S, Brewer RP, Cassidy RC, Cheng DS, Christie SD, Chutkan NB, Cohen BA, Dagenais S, Enix DE, Dougherty P, Golish SR, Gulur P, Hwang SW, Kilincer C, King JA, Lipson AC, Lisi AJ, Meagher RJ, O'Toole JE, Park P, Pekmezci M, Perry DR, Prasad R, Provenzano DA, Radcliff KE, Rahmathulla G, Reinsel TE, Rich RL Jr, Robbins DS, Rosolowski KA, Sembrano JN, Sharma AK, Stout AA, Taleghani CK, Tauzell RA, Trammell T, Vorobeychik Y, Yahiro AM. Corrigendum to "Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of low back pain" [*The Spine Journal* 20/7 (2020) p 998-1024]. *Spine J.* 2021 Apr;21(4):726-727.
6. King, J. ., Evans, M., Besong, B.-K., Chikere, C., Leach, R. ., Buys, D. ., Kennedy, R., & Brown, C. . NUTRITIONAL RISK IS ASSOCIATED WITH LOW BACK PAIN AMONG OLDER ADULTS: RESULTS FROM THE UAB STUDY OF AGING *Journal of Contemporary Chiropractic.* King, J. ., Evans, M., Besong, B.-K., Chikere, C., Leach, R. ., Buys, D. ., Kennedy, R., & Brown, C. (2021). NUTRITIONAL RISK IS ASSOCIATED WITH LOW BACK PAIN AMONG OLDER ADULTS: R.
7. Plachinski SJ, Gliedt JA, Sacho R, Schneider MJ, King JA. Spinal manipulative therapy and cervical artery dissection: A retrospective comparison with spontaneous, traumatic, and iatrogenic etiologies at a single academic medical center. *Clin Neurol Neurosurg.* 2021 Oct;209:106941.
8. King JA, Rodriquez B, Kim I, Nimmer M, Nelson LD, Szabo A, Dong H, Thomas D. Incidence of Neck Pain in Patients With Concussion in a Pediatric Emergency Department. *Pediatr Emerg Care.* 2022 Apr 01;38(4):e1185-e1191. PMID: PMC8934308
9. Gliedt JA, Dawson AZ, Daniels CJ, Spector AL, Cupler ZA, King J, Egede LE. Manual therapy interventions in the management of adults with prior cervical spine surgery for degenerative conditions: a scoping review. *Chiropr Man Therap.* 2022 Mar 07;30(1):13. PMID: PMC8900329
10. Cheever K, King J, Swan AA, Kawata K. Prevalence of Acute Neck Pain Following Sports-Related Concussion in High School Athletes. *Clin J Sport Med.* 2022 Nov 01;32(6):e556-e561.
11. Cheever K, King J, Kawata K. The association between contact sport exposure and cervical sensorimotor dysfunction: a scoping review of implications for future musculoskeletal injury risk. *Chiropr Man Therap.* 2022 Nov 24;30(1):50. PMID: PMC9701076
12. Leach RA, Ndetan H, King JA, Evans MW Jr. COVID-19 Infectious Disease Prevention and Mitigation Practices by Chiropractic Physicians and Licensed Massage Therapists in Mississippi: A Needs Assessment to Inform Health Education and Promotion. *J Chiropr Med.* 2022 Dec;21(4):233-240. PMID: PMC9212766

Editorials, Letters to Editor, Other

1. Lefler RK., King J., Evans W., Haneline MT., Jensen CB., Holland B., Zabawa BJ., Murray J., Filling the Shortage of Primary Care Health Care Providers in Wisconsin: The Primary Spine Care Physician, a new class of health care provider. The Problem: The significant burden of spine-related conditions on the health care system and the shortage of physicians in the state of Wisconsin. A Wisconsin Chiropractic Association Policy White Paper. *The Wisconsin Chiropractor.* Aug 2014.
2. King J. A tough nut to crack. *The Wisconsin Chiropractor.* Dec 2014.

Non-Refereed Journal Publications/Original Papers

1. King, J. Concussion Overview Part One. *Wisconsin Chiropractor,* Oct 2012

2. King, J. Concussion Overview Part Two. Wisconsin Chiropractor. Nov 2012
3. King, J. Concussion Overview Part Three. Wisconsin Chiropractor. Dec 2012.