

Peter Zilahy, DC, LAc, FPSC

FORENSIC SPINE EXPERT WITNESS - SELECTED CURRICULUM VITAE

Selected credentials relevant to spinal trauma, MRI, biomechanics, causation, impairment, and medical-legal analysis

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PROFESSIONAL PROFILE

Doctor of Chiropractic and Fellow in Primary Spine Care with extensive clinical experience in spine injury evaluation and advanced postgraduate training in MRI spine interpretation, spinal biomechanics, ligament injury, traffic crash investigation, vehicle dynamics, impairment, and medical-legal documentation. Forensic work integrates collision mechanics, objective clinical findings, diagnostic imaging, pre-existing pathology, and longitudinal clinical course in the analysis of medical causation.

LITIGATION / TESTIMONY HISTORY

Selected trial, arbitration, and deposition history presented first for attorney review.

Expert Witness - Trial & Arbitration

07/15/2022	ARBITRATION Superior Court of Waterbury, CT Docket No. UWY-CV22-6066455-S — ELLIS, JADA v. TRAVELERS d/b/a THE STANDARD FIRE INSURANCE COMPANY
11/18/2022	ARBITRATION Superior Court of Waterbury, CT Docket No. UWY-CV22-6067420-S — MERRILL, KATHERINE v. URENA, SADIA INES
03/20/2025	ARBITRATION Superior Court of Waterbury, CT Docket No. HHD-CV21-6144344-S — MAESTRINI, DAVID v. MORIARTY, LENA K E
07/15/2026	TRIAL Superior Court, Judicial District of New Haven Docket No. NNH-CV-23-6131256-S — ORTIZ, LYNETTE v. KULESZA, JOSEPH

Expert Witness - Deposition Testimony

07/15/2022	DEPOSITION Superior Court of Waterbury, CT Docket No. UWY-CV22-6066455-S — ELLIS, JADA v. TRAVELERS d/b/a THE STANDARD FIRE INSURANCE COMPANY
11/18/2022	DEPOSITION Superior Court of Waterbury, CT Docket No. UWY-CV22-6067420-S — MERRILL, KATHERINE v. URENA, SADIA INES
01/07/2025	DEPOSITION Superior Court of Waterbury, CT Docket No. HHD-CV21-6144344-S — MAESTRINI, DAVID v. MORIARTY, LENA K E

Treating Doctor - Trial & Arbitration

Date not specified	TRIAL Superior Court of Waterbury, CT Docket No. UWY-CV-08-5010745-S — Judge Mihalkos; Attorney Renehan; Darlene Gunther
05/28/2015	TRIAL Superior Court, Judicial District of Litchfield Docket No. LLI-CV14-6010861-S — GUISEPPE CAPUANO v. ROBERT METCOFF
10/15/2015	TRIAL Superior Court of Waterbury, CT Docket No. UWY-CV15-6027678-S — JOSHAL QUEZADA v. HYOSUNG PARK
11/08/2016	TRIAL Superior Court of Waterbury, CT Docket No. UWY-CV13-6021024-S — PILICY, JUDITH v. TONNING, ALEXANDER et al.
04/17/2017	ARBITRATION Connecticut Docket No. UWY-CV16-6032448-S — QUEZADA, JOSHAL et al. v. DIMAIO, GINO
03/08/2018	TRIAL Superior Court of Waterbury, CT Docket No. UWY-CV16-6032352-S — PRASKIEVICZ, ROBERT v. GRABOWS, AGATA et al.
06/15/2022	ARBITRATION Superior Court of Waterbury, CT Docket No. UWY-CV20-6057171-S — CURTISS, DAVID v. ALEX BOATENG; ERIC BOATENG
10/21/2022	ARBITRATION Superior Court of Waterbury, CT Docket No. UWY-CV21-6059417-S — ALVAREZ, ALEXANDER v. RONG WU

01/27/2023	ARBITRATION Superior Court of Waterbury, CT Docket No. UWY-CV21-6059845-S — RUSSEL, MICHAEL v. LIN, JENNY et al.
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Treating Doctor - Deposition Testimony

11/08/2016	DEPOSITION Superior Court of Waterbury, CT Docket No. UWY-CV13-6021024-S — PILICY, JUDITH v. TONNING, ALEXANDER et al.
02/20/2018	DEPOSITION Superior Court of Waterbury, CT No. UWY-CV16-6C32051-S — CHRISTINA COMPUTZZI, PLAINTIFF v. THOMAS P. DEFILIPPO
03/08/2018	DEPOSITION Superior Court of Waterbury, CT Docket No. UWY-CV16-6032352-S — PRASKIEVICZ, ROBERT v. GRABOWS, AGATA et al.
01/05/2023	DEPOSITION Superior Court of Waterbury, CT Docket No. UWY-CV-2—6057776-S — JANET CORTORREAL v. JOSEPH SIMONE, IV

SELECTED OCCUPATIONAL / FORENSIC EXPERIENCE

Chiropractor/Owner, Zilahy Chiropractic Office DBA Accident and Injury Care, Watertown, CT, 1977 — Present
 Medical Practice Associate, St. Mary’s Hospital Department of Medicine, Waterbury, CT, 2004 — 2020
 Independent Medical Examiner, Exam Coordinators Network, Watertown, CT, 2003

EDUCATION AND LICENSURE

Doctor of Chiropractic, Licensed in the State of Connecticut, License # CT00172, 1976-Present
 Doctor of Chiropractic, Licensed in the State of Alabama, License # 2826, 2023-Present
 Acupuncturist, Licensed in the State of Connecticut, License #000282, 1998-Present
 Doctor of Chiropractic (DC), Palmer College of Chiropractic, Summa Cum Laude, Davenport, Iowa, 1976
 National Board of Chiropractic Examiners, Part II, 1976
 National Board of Chiropractic Examiners, Part I, 1976
 Undergraduate studies in Mechanical Engineering, Newark College of Engineering, Newark, New Jersey, 1969 — 1970
 BA in Biology, Cum Laude, Rutgers University, Newark, New Jersey, 1973

FORENSIC SPINE, MRI & SPINAL BIOMECHANICAL QUALIFICATIONS

Mini-Fellowship in Advanced MRI Spine Interpretation — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences.
Fellow, Primary Spine Care (FPSC), 2023 — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences. Two-year postgraduate program in spinal trauma, advanced imaging, electrodiagnostics, spinal biomechanics, ligament pathology, triage, and collaborative care.
Mini-Fellowship in Neuroradiology MRI Spine Interpretation, 2022 — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences.
Mini-Fellowship in Musculoskeletal Radiology - MSK Extremity Imaging, 2022 — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences.
MRI Interpretation Review Qualified, 2021 — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences.
Primary Spine Care Qualified, 2021 — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences. Postgraduate training in traumatically altered spinal morphology, connective-tissue pathology, neurological structure and function, spinal biomechanics, triage, and collaborative care.
Trauma Qualified, 2024-Present — Cleveland University-Kansas City / University at Buffalo Jacobs School of Medicine and Biomedical Sciences.
Traffic Crash Investigation 1, Northwestern University Center for Public Safety, 2021
Traffic Crash Investigation 2, Northwestern University Center for Public Safety, 2021
Vehicle Dynamics, Northwestern University Center for Public Safety, 2023

ACADEMIC APPOINTMENTS AND TEACHING

Adjunct Assistant Professor of Clinical Sciences, Cleveland University-Kansas City, College of Chiropractic, 2024-Present
 Adjunct Assistant Professor of Clinical Services, Clinical Supervision, University of Bridgeport, College of Chiropractic, Bridgeport, Connecticut, 1997-Present
 Professor of Orthopedics, Clinical Orthopedics, University of Bridgeport, College of Chiropractic, Bridgeport, Connecticut, 1992 - 1996
 Instructor, Rehabilitation of the Spine, New York Chiropractic College, Hartford, Connecticut, 1989 - 1990
 Instructor, Motion palpation of the spine and extremities, Motion Palpation Institute, New York, New York, 1983 — 1990

SELECTED POSTGRADUATE EDUCATION RELEVANT TO FORENSIC SPINE ANALYSIS

- 2025
- Primary Spine Care 17 - MRI Spine Ancillary Tumor Detection and Advanced Imaging Stroke Detection
 - Primary Spine Care 17 - Analyzing Spinal Pathobiomechanics
 - Primary Spine Care 17 - Spinal Biomechanical Pathology
 - Primary Spine Care 17 - Age-Dating Herniated Disc via MRI and X-Ray

- Primary Spine Care 17 - Clinical Grand Rounds in Primary Spine Care
Cleveland University-Kansas City; ACCME Joint Providership with the State University of New York at Buffalo Jacobs School of Medicine and Biomedical Sciences; Academy of Chiropractic Post-Doctoral Division.

2024

- Advanced Mini Fellowship in MRI Spine Interpretation
- Primary Spine Care 16 - Trends in Triage and Diagnosing Spinal Pathology
- Primary Spine Care 16 - MRI Spine Interpretation
- Primary Spine Care 16 - Spinal Biomechanical Pathology
- Primary Spine Care 16 - Incidental Tumors and Pathology Visualized on MRI Spine Images
- Primary Spine Care 16 - Documentation, Diagnosis and Reporting on Medical-Legal Trauma Cases
- Primary Spine Care 16 - Spinal Disc Morphology and Chronicity of Disc Pathology
Cleveland University-Kansas City; ACCME Joint Providership with the State University of New York at Buffalo Jacobs School of Medicine and Biomedical Sciences; Academy of Chiropractic Post-Doctoral Division.

2023

- Vehicle Dynamics - Northwestern University Center for Public Safety
- MRI Spine Advanced Clinical Case Grand Rounds
- Age-Dating Ligament/Connective Tissue Physiology and Pathology
- Clinical Grand Rounds in Biomechanics, Digitizing, and Advanced Imaging
- Medical-Legal Documentation
Selected advanced spine, imaging, biomechanics, and medical-legal postgraduate coursework.

2022

- Mini-Fellowship in Musculoskeletal Radiology - MSK Extremities
- Mini-Fellowship in Neuroradiology - MRI Spine - Parts 1, 2 and 3
- Chiropractic Diagnosis and Management of Acute Spinal Ligament Injury
- MSK Extremity Radiological Interpretation
- Ligament/Connective Tissue Physiology and Pathology
- Age-Dating Herniated Discs and Trauma
- Clinical Grand Rounds in Spinal Biomechanics
- Neurosurgical Grand Rounds
- Demonstrative Narrative and Evaluation and Management Report Writing
- Medical-Legal Ethical Relationships - Documentation, Legal Testimony, Direct Testimony and Cross Examination Testimony
- Medical-Legal Ethical Relationships - Report Writing and Preparing for a Legal Case
- Medical-Legal-Insurance Documentation
- Documenting Clinical Findings and Diagnosis
Cleveland University-Kansas City / Academy of Chiropractic Post-Doctoral Division; selected courses included ACCME Joint Providership with the State University of New York at Buffalo Jacobs School of Medicine and Biomedical Sciences.

The postgraduate education listed above is abridged for attorney review. A comprehensive curriculum vitae containing the full postgraduate education history is maintained separately and is available upon request.

SELECTED SCHOLARLY / PROFESSIONAL PRESENTATIONS

Motor Vehicle Accidents and Chiropractic PowerPoint presented at the St. Mary's Hospital Executive committee, (2016, May).

Chiropractic Medicine and Acupuncture PowerPoint presented at the Department of Internal Medicine, St. Mary's Hospital, (2016, October).

Alar Ligament Sub -failure from Cervical Trauma PowerPoint presented at the St. Mary's Hospital Emergency room physicians, (2014, September).

Alar Ligament Sub -failure from Cervical Trauma PowerPoint presented at the Naugatuck Valley Radiology, (2014, November).

Whiplash the Epidemic PowerPoint presented at the St. Mary's Hospital Emergency room physicians, Waterbury, CT, (2013, April).

Biomechanics and Physiology of Human Performance in Trauma and Sports, Biomechanics of the human body and its interrelationship to the spine and human performance. Objectifying sequelae of trauma, proper and improper training and outcome assessments in neuro- musculoskeletal care. Diplomate, College of Chiropractic, University of Bridgeport, Bridgeport, Connecticut, 2012

SELECTED PUBLICATIONS AND CASE REPORTS

Peter Zilahy DC, Mark Studin DC, John Strom DC, Geoffrey Gerow DC. "Dorsal Root Ganglion Injury Secondary to Rapid Hydraulic Pressure Changes Secondary to a Low-Impact Rear-End Motor Vehicle Crash - A Case Study." Originally published on MedPix (National Institute of Health/National Library of Medicine). 2024. Currently in platform transition to BMJ Case Reports.

Peter Zilahy DC, Mark Studin DC, Randall Loftus MD, Jennifer Sperrazza DC, Geoffrey Gerow DC. "AVM Cervical Spinal Cord Bleed From A Front-End Motor Vehicle Crash: A Case Study." Originally published on MedPix (National Institutes of Health/National Library of Medicine), 2024.

Peter M. Zilahy DC, Mark Studin DC, Randall Loftus MD, Jennifer Sperrazza DC, Geoffrey Gerow DC. "Right Paracentral Positioned Cervical Disc Herniation, Due To A Rear-End Motor Vehicle Crash, Producing Myelopathy To The Side And Site Of Herniation: A Case Study". Originally published on MedPix (National Institutes of Health/National Library of Medicine), 2024.

Zilahy, P. (2022). CASE REPORT: Long-term chiropractic maintenance patient presents with back pain from metastatic cancer.

Zilahy, P. (2022). CASE REPORT: Chiropractic management of posterior shoulder capsule tear.

SELECTED PROFESSIONAL MEMBERSHIPS, HONORS AND SERVICE

American Back Society, Fellow, 1988 - 1992

American Academy of Chiropractic Orthopedics, Fellow, 1983 — 1995

Greater Waterbury Chamber of Commerce, Former Board Member.

Connecticut Chiropractic Association, Member, 1976-Present; former Chairman of the Board, President, District Director, Education Committee Chairman, and Interprofessional Relations Committee Chairman.

Academy of Chiropractic Clinical Excellence Award 2023

Chiropractor of the Year, Connecticut Chiropractic Association, 1984