JOSEPH CHEN, MD REHAB MEDICINE & PAIN COACHING, LLC

West Glen Town Center Regus Office Suites, 4th Floor 5550 Wild Rose Lane West Des Moines, Iowa 50266

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Updated June 23, 2025

I. EDUCATIONAL HISTORY

A. Institutions Attended

1988-1992	Brown University, Providence, Rhode Island, (Sc.B. Engineering,
	Concentration in Biomedical Engineering)

- 1992-1996 **Brown University School of Medicine**, (MD) Providence, Rhode Island.
- 1996-1997 Preliminary Internal Medicine Internship, **Mayo Clinic College of Medicine**, Rochester, Minnesota.
- 1997-2000 Physical Medicine and Rehabilitation Residency, **Mayo Clinic College of Medicine**, Rochester, Minnesota.

Responsibilities: Residency experience included the medical management and patient care for adults in an inpatient setting including patients requiring rehabilitation services and outpatient consultations for patients requiring physical, occupational, and/or speech therapy.

PROFESSIONAL HISTORY

Present

Joseph Chen, MD Rehab Medicine & Pain Coaching, LLC Micropractice in Physical Medicine and Rehabilitation Offices located at:

- 5550 Wild Rose Lane, Regus Offices, 4th Floor, West Des Moines, Iowa 50266
- 1120 Depot Lane SE, Office Evolution Suite #100, Cedar Rapids, Iowa 52401

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 4620 East 53rd Street, Regus Offices, 2nd Floor, Davenport, lowa 52807

Certificate of Insurance from Professionals Solutions Insurance Company Policy #: PMD0001040348

Staff Physiatrist, MercyOne Clive Rehabilitation Hospital 1401 Campus Drive, Clive, Iowa 50325

NPI: 1023000494

June 2024 Medical Director, MercyONE Clive Rehabilitation Hospital -2018 1401 Campus Drive, Clive, Iowa 50325

NPI: 1023000494

Post Acute Physicians of Iowa, a subsidiary of US Physiatry NPI 1093228108

2006-2018 Clinical Associate Professor, Department of Orthopedics & Rehabilitation (primary appointment)
Clinical Associate Professor, Program in Physical Therapy and Rehabilitation Sciences (secondary appointment)
University of Iowa Carver College of Medicine
University of Iowa Hospitals & Clinics
200 Hawkins Drive, Iowa City, Iowa 52242

2000-2015 Iowa City Veterans Administration Health Care System
Medical Director, Extended Care & Rehabilitation, 2006-2015
Medical Director, Polytrauma/TBI Clinic, 2009-2015
Medical Director, Spinal Cord Injury/Disorders Clinic, 2004-2008
Medical Director, Amputee Clinic, 2000-2003

2000-2006 Clinical Assistant Professor, Department of Orthopedics & Rehabilitation (primary appointment)
Clinical Assistant Professor, Department of Orthopedics & Rehabilitation (secondary appointment)

Developed Iowa's first academic physical medicine and rehabilitation practice at the University of Iowa Carver College of Medicine. Expanded service to include 5 full time faculty members under the Department of Orthopaedics & Rehabilitation.

Medical Director, UI Spine Center from 2000-2018. Provided medical direction of Iowa's only interdisciplinary pain rehabilitation program utilizing psychological and physical therapies for treatment

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and education of individuals with chronic spine pain

Previously served as consulting physician for patients in the inpatient and outpatient settings at the University of Iowa Hospitals and Clinics overseeing medical management and provision of care for patients with neuromuscular diseases, injuries, and chronic pain. Served as Medical Director for Department of Rehabilitation Therapies to provide medical oversight of rehabilitation care required to maintain American College of Surgeons Level I Trauma Center status.

Mentored dozens of lowa medical students, residents, and fellows with several becoming faculty members academic medical centers across the nation.

CURRENT MEDICAL PRIVILEGES

2018 to Present

MercyONE Clive Rehabilitation Hospital, 1401 Campus Drive, Clive, Iowa 50325. A Joint Venture between Lifepoint and Mercy Medical Center – Des Moines, a part of Trinity Health Systems. Served as medical director of Iowa's first free-standing 50 bed rehabilitation hospital overseeing medical management and provision of care for patients requiring rehabilitation services including physical, occupational, and/or speech therapy throughout the course of their treatment.

MercyONE Des Moines Hospital, 2019 - 2025

Licensure

State of Iowa Medical Board, License #33509, Active

State of Minnesota, License # 39947, Inactive State of Arizona, License # 27295, Inactive State of Florida, License # ME0077847, Inactive

Board Certification

Diplomate, American Board of Physical Medicine and Rehabilitation, Board Certification # 6566 in Physical Medicine & Rehabilitation, Initial Certification July 1, 2001; Recertification July 2011; December 2021; Completed requirements for recertification until 2031

Spinal Cord Injury Medicine, American Board of Medical Specialties, Certificate #359, December 2003; Passed

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Recertification examination 2013; Certificate voluntarily not renewed in December 2023.

Pediatric Rehabilitation Medicine, American Board of Medical Specialties, Certificate #52, December 2004, Certificate voluntarily not renewed in December 2014.

II. TEACHING

A. Teaching Assignments:

<u>University of Iowa Carver College of Medicine:</u>

- Invited Lecturer, Clinical and Professional Skills III, Chief Complaint, Low Back Pain, October 12, 2015; October 13, 2016; September 5, 2017; September 4, 2018; September 10, 2019; October 5, 2020; October 4, 2021; October 3, 2022; October 3, 2023; September 23, 2024; September 22, 2025 (pending)
- Invited Lecturer, Mechanisms of Health & Disease IV: Spine Disorders, October 12, 2015; October 11, 2016; October 11, 2017; October 10, 2018; October 16, 2019; October 14, 2020; October 13, 2021; October 12, 2022, October 11, 2023, October 14, 2024; October 13, 2025 (pending)
- Multiple other lectures in prior medical school curriculum from 2002-2014.
- Office of Student Affairs and Curriculum:
 - Disability Accommodation Committee, July 1, 2006 2018
 - Medical Student Admissions Committee, 2011 2018

B. Medical Students Supervised and Matched into PM&R Residency Programs

Thomas McNalley, MD 2004: PM&R University of Washington Benjamin Lacey, MD 2005: PM&R, University of Washington Jonathan Myers, MD 2005: PM&R, Rehabilitation Institute of Chicago Colby Hansen, MD 2005; PM&R, University of Utah Joseph Tu, MD 2005: PM&R, Ohio State University Jacob Clearfield, MD 2010: PM&R, University of Wisconsin, Milwaukee Alexandra Nielsen, MD 2010: PM&R, The Ohio State University Philip Chen, MD 2010: PM&R, University of Michigan Eunice Abrams, MD 2010: PM&R, University of Michigan Leslie Cavazos, MD 2010; PM&R. University of Kansas Devon Smith, MD 2010: PM&R, University of Texas Southwestern Tim McKenna, MD 2013: PM&R, Mayo Clinic William Humphrey, MD 2013: PM&R, Stanford University Hospitals Mark Fisher, MD 2013; PM&R University of Pittsburgh Solomon Yilma, MD, 2013: PM&R University of Minnesota Mark Fox, MD 2014: PM&R University of Texas Southwestern

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M. Habib Fanny, MD 2014: PM&R University of Michigan Michael Lersten, MD, 2014: PM&R University of Colorado Kathleen Vonderhaar, MD, 2014: PM&R University of Minnesota Audrey Leung, MD, 2015: PM&R Rehab Institute of Chicago Dean Elhag, MD, 2018, PM&R University of Utah Ike Hasley, MD, 2018, PM&R Mayo Clinic Mitch O'Neill, MD, 2018, PM&R Schwab Rehabilitation Hospital, Chicago Brett Rosauer, MD, 2018, PM&R University of Nebraska Sarah Wineman, MD, 2018, PM&R Medical College of Wisconsin Evelyn Qin, MD, 2019, PM&R, University of Washington PhD Dissertation Committee Member for Betsy Rippentropp, 2003 Nicole Hochhausen, 2008

<u>Teaching topics for Neurology, Occupational Medicine, Internal/Family Residents, and</u> Pain Medicine Fellows:

EMG of the Upper Extremities, Osteoporosis, Vertebroplasty,

Introduction to Spinal Cord Injury

Normal and Abnormal Gait

Injured Worker Lecture Series

Rehabilitation of the Trauma Patient.

Stroke Rehabilitation

Chronic Back Pain and Radiculopathy

Back pain and Lumbosacral Radiculopathy

Lumbar Spinal Stenosis

Issues in Documentation and Malpractice,

Normal and Abnormal Gait

Rehabilitation of the Neuroscience Patient

Essentials of Low Back Pain

Geriatrics Noon Lecture Series

Osteoporosis in Males

Rehabilitation of Traumatic Brain Injury Patients

Use and Misuse of Rehabilitation Consults

University of Iowa Hospitals and Clinics

Course Director, 1st Annual Physical Medicine & Rehabilitation Conference: Treatment of the Difficult Chronic Low Back Pain Patient, Department of Orthopaedics, Iowa City, IA, April 5, 2003.

Course Director, <u>Iowa Spine Symposium and 2nd Annual Physical</u> <u>Medicine & Rehabilitation Conference: Update in Spine Care</u>, Department of Orthopaedics & Rehabilitation, University of Iowa Hospitals and Clinics, Iowa City, IA, April 23-24, 2004.

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Course Director, 3rd Annual Physical Medicine & Rehabilitation Conference: Spine Injury, Pain, and Rehabilitation, Department of Orthopaedics & Rehabilitation, University of Iowa Hospitals and Clinics, Iowa City, IA April 22, 2005.

Course Director, 4th Annual Physical Medicine & Rehabilitation Conference: Spine Function, Pain, and Rehabilitation, Department of Orthopaedics & Rehabilitation, University of Iowa Hospitals and Clinics, Iowa City, IA April 28, 2006

Course Director, <u>5th Annual Physical Medicine & Rehabilitation</u> <u>Symposium</u>, Department of Orthopaedics & Rehabilitation, University of Iowa Hospitals and Clinics, Iowa City, IA, June 22, 2007.

Course Director, 9th Annual Physical Medicine & Rehabilitation Symposium, Department of Orthopaedics & Rehabilitation, University of Iowa Hospitals and Clinics, Iowa City, IA, April 1, 2011.

III. SCHOLARSHIP

- A. Publications or creative works
 - 1. Fibromyalgia, **Chen JJ**, Parziale JR, *Rhode Island Medicine*, 1996; 79(5):188-192;
 - Clinical and Electromyographic Course of Obturator Neuropathies: A Retrospective Cohort Study, Chen JJ, Sorenson EJ, Daube JR. Poster presented at Association of Academic Physiatrists meeting 3/2000.
 - Spinal Injuries and Restraint Technologies in Automobile Collisions: A
 Case Report and Discussion. Chen JJ, Hanson TJ. Presented at
 AAPM&R meeting, Washington D.C. 11/99, Abstract published in
 Archives of Physical Medicine & Rehabilitation, September 1999;
 80(9):1192.
 - 4. Obturator Neuropathy: Causes and Outcome. Sorenson EJ, **Chen JJ**, Daube JR. Muscle & Nerve, Vol 25, April 2002, 605-607.
 - 5. A Future of Musculoskeletal Rehabilitation at the University of Iowa Hospitals and Clinics: Spanning the Continuum of Care, **Chen JJ**, Iowa Orthopaedic Journal, 2005; 25: 180-6.
 - 6. Gluteus Medius Tendon Rupture as a source for back, buttock and leg

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pain: A Case Report, Bewyer D, **Chen JJ**, Iowa Orthopaedic Journal, 2005; 25: 187-9.

- 7. The relationship between religion/spirituality and physical health, mental health, and pain in a chronic pain population, Rippentrop AE, Altmaier EM, **Chen JJ**, Found EM, Keffala VJ, Pain 116(2005):311-321.
- 8. The State of Physical Medicine & Rehabilitation in Iowa, **Chen JJ**, Iowa Orthopaedic Journal, 2006.
- 9. Outpatient Pain Rehabilitation Programs, **Chen JJ**, Iowa Orthopaedic Journal, 2006.
- 10. Functional Capacity Evaluation and Disability, **Chen JJ**, Iowa Orthopaedic Journal, 2007, 121-127.
- 11. A Look Inside the Spine Center at an Academic Medical Center, **Chen JJ**, Yang RK, Iowa Orthopaedic Journal, 2008.
- 12. Rehabilitation with Neuromuscular Electrical Stimulation Leads to Functional Gains in the Setting of Progressive Multiple Sclerosis: A Case Report, **Chen JJ**, Bingham HL, Wahls TL, Darling W, Kaplan, Shivapour T., Poster at AAPM&R Annual Assembly Seattle November 4-7, 2010.
- 13. Working with Medical Students who have Mobility Impairments, Kaitz E, **Chen JJ**. Chapter in <u>Medical Students with Disabilities: Resources to Enhance Accessibility</u>, Association of American Medical Colleges 2010, Edited JA Hosterman, PhD et al, p 66-80.
- 14. Mitsunaga MM, Cifu DX, Akau CK, Okamoto GA, Withy K, **Chen JJ**, Lew HL, Demographics, Clinical Practice Patterns, and Concerns of Physiatrists in the State of Hawaii: 2011, Hawaii Journal of Medicine & Public Health, April 2012, Vol 71, No. 4 Supplement 1.
- 15. **Chen JJ**, Segal N, Physical Medicine and Rehabilitation at Iowa, Chapter in 100 Years of Excellence Iowa Orthopaedics 1913-2013, Edited by JA Buckwalter, October 2013, pp 49-59.
- 16. Keedy NH, Keffala VJ, Altmaier EM, Chen JJ, Health Locus of Control and Self-Efficacy Predict Back Pain Rehabilitation Outcomes, Iowa Orthopaedic Journal, 2014

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- 17. Jerath NU, **Chen JJ**, Miller BJ, Reddy CG, Teaching Neuro-Images: Intraneural ganglion cyst of the tibial nerve, Neurology 82, May 20, 2014.
- 18. Chronic Back Pain Booklet: A Guide for Patients and Families, 1st edition 2006, 2nd edition 2015, 3rd edition 2018.
- 19. Chen J, Keffala V, Cooper N, Improvement in Outcomes following Outpatient Interdisciplinary Pain Rehabilitation Treatment, Poster at the 16th World Congress on Pain, International Association for the Study of Pain, Yokohama, Japan, October 2016.
- 20. Qin E, Feng A, **Chen J**, Bingham H, Main in a Barrel Syndrome: An Atypical variant of Amyotrophic Lateral Sclerosis, Poster at American Congress of Rehabilitation Medicine, Atlanta, GA, October 26, 2017.
- B. Areas of Research Interest and Current Projects

Chronic Pain Rehabilitation Outcomes: Retrospective study of interdisciplinary pain rehabilitation program for patients with chronic back pain 1986-2018.

C. Invited Lectures

UI Back Care: A Multidisciplinary Pain Rehabilitation Program Presented to Principal Life Insurance Company, Des Moines, IA, October, 2000.

Intradiscal Electrothermal Annuloplasty: A Cure for Low Back Pain? Iowa Medical Society Annual Meeting, Des Moines, IA, April 21, 2001.

Management of Chronic Back Pain, Trinity Hospital CME Conference, Moline, IL, March 21, 2002.

Orthopaedics: The Spine Throughout the Life Span, Treatment of Chronic Back Pain: A Panel Discussion, Orthopaedic Nursing Conference, Iowa City, IA, April 5, 2002.

Non-Surgical Management of Back Pain, Lee County Medical Society Meeting, Keokuk, IA, June 19, 2002.

Non-Surgical Management of Back Pain, Pfizer Educational Conference, Amana Colonies, IA, June 29, 2002.

Management of Acute and Chronic Back Pain, Illini Hospital CME Program, Silvis, IL, September 12, 2002.

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Management of Acute and Chronic Back Pain, Iowa Physician Assistant Fall Conference, Cedar Rapids, IA, October 24, 2002.

<u>Co-Course Director for: Couples in Medicine</u>, Society of General Internal Medicine Regional Meeting, Chicago, IL, September 20, 2003.

Neurotrauma and Rehabilitation Needs at University of Iowa Health Care, 2003 James C. Hardy Lecture Panel Discussion, Iowa City, IA, October 17, 2003.

Physical Medicine & Rehabilitation at the University of Iowa: Past, Present, and Future, Department of Orthopaedics & Rehabilitation Alumni Meeting, Iowa City, IA October 18, 2003.

New Techniques to Treat Back Pain, Broadlawns Family Practice Residency Program College of Medicine Visiting Professor Program, Des Moines, IA, October 28, 2003.

Management of Acute and Chronic Back Pain, Iowa Nurse Practitioner Society 5th annual conference, Des Moines, IA, November 4, 2003.

<u>Pain Medicine Journal Club</u>, Review surgical and nonsurgical management of chronic low back pain, Department of Anesthesia, November 24, 2003.

<u>Chronic Back Pain and Spine Rehabilitation Programs</u>, 6th Annual Occupational Health Symposium, Iowa City, IA, March 11, 2004.

A New Way of Managing Chronic Back Pain, Topics in Family Medicine Conference, Broadlawns Medical Center Alumni Program, Des Moines, IA May 1, 2004.

Radio Interview: KXIC 800 AM, Ice & Back Injuries, Friday January 14, 2005.

<u>Pediatric Rehabilitation Services at UIHC,</u> Pediatric Hematology-Oncology Noon conference, January 31, 2005.

Rehabilitation of Neuroscience Patients, Comprehensive Neurosicence Update: Life Alterning Challenges, Life Changing Care, Department of Nursing, University of Iowa Hospitals and Clinics, Iowa City, IA, September 9, 2005.

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<u>Functional Capacity Evaluations</u>, Invited Lecturer, American Society for Regional Anesthesia and Pain Medicine Fall Meeting, Miami, Florida, November 19, 2005.

Outpatient Multidisciplinary Pain Rehabilitation Programs, Invited Lecturer, American Society for Regional Anesthesia and Pain Medicine Fall Meeting 2005, Miami, Florida, November 19, 2005.

<u>Chronic Low Back Pain</u>, University of Iowa Interdisciplinary Geriatric Grand Rounds lecture series, Wednesday April 26, 2006, Iowa City VA Medical Center.

<u>Keeping Older Adults Moving</u>, Keynote Address for the 29th Annual Midwestern Conference on Health Care in the Elderly, Iowa City Sheraton Hotel, January 26, 2007.

How to Write Good Physical Therapy Orders, 2007 University of Iowa College of Medicine Refresher Course for the Family Physician, Iowa Memorial Union, April 10, 2007.

Invited International Guest Speaker for Hong Kong College of Orthopaedic Surgery 4th Annual Symposium on Orthopaedic Rehabilitation, Lectures on: Overview of Rehabilitation for Injured Workers, Assessment and Early Management, Occupational Injury and Rehabilitation, Rehabilitation of Difficult Cases, Pros of Work Hardening, AMA Guides to the Evaluation of Permanent Impairment, Spine Rehabilitation at UIHC, Hong Kong SAR, China, October 5-8, 2007.

Invited Lecturer for ACI 4th National Conference on Spine Centers of Excellence, Lecture on: Measuring Productivity in a Spine Center, Chicago, Illinois, September 11, 2008.

Invited Lecturer for <u>AAMC Annual Meeting Section for Group on Student Affairs</u>, Presentation on Medical Students with Disabilities: Resources to Enhance Accessibility, Austin, Texas, April 19, 2010.

Invited Lecturer, <u>2011 Refresher Course for the Family Physician</u>, Coralville, Iowa, March 31, 2011.

Invited Lecturer, BME Graduate Seminar, Biomedical Engineering and Health Careers, 101 BCSB, February 2, 2012, invited by Dr. Ragahvan and Dr. Reinhardt, Department of Biomedical Engineering.

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Invited Lecturer, Physical Medicine and Rehabilitation for the Low Back Pain Patient, <u>First Interdisciplinary Chronic Low Back Pain Symposium</u>, lowa City, Iowa, April 14, 2012.

Invited Lecturer, Rare Causes of Back Pain, GENEX Work Comp Conference, West Des Moines, Iowa, July 19, 2012.

Invited Lecturer, Management of Common and Rare Causes of Back Pain, invited by Dr. John Sunderland, <u>25th Annual Jauch Symposium</u>, Northeast lowa Medical Education Foundation, Waterloo, Iowa, May 17, 2013.

Lecturer, First Interdisciplinary Painful Neuropathy Symposium, <u>The Physiatrist's Role in Neuropathic Pain</u>, Iowa City, IA April 14, 2014

Invited Lecturer, Management of Chronic Low Back Pain, Family Medicine Noon Conference Series, Iowa City, Iowa, September 15, 2014.

Invited Lecturer, Iowa Academy of Physical Medicine & Rehabilitation Conference, Spine Rehabilitation Program Outcomes: Is their improvement all in our heads?, Iowa City IA, October 9, 2015.

Invited Lecturer, <u>Musculoskeletal Imaging Results: What do I do now?</u> Correlating Radiographic and Physical Examination Findings, Mary Greeley Medical Center, June 15, 2016.

Invited Lecturer, <u>Care of the Injured Worker: Risks and Rewards?</u>, PM&R Grand Rounds, Kansas University Medical Center, Visiting Professor, August 17, 2017.

Invited Lecturer, Communication in Physical Medicine and Rehabilitation, Medical Student Interest Fair, University of Nebraska College of Medicine, August 19, 2018.

Farewell Lecture, Communicating and Motivating Individuals with Chronic Back Pain, University of Iowa Hospitals & Clinics, December 3, 2018.

Communication Strategies for Chronic Pain, 2020 Iowa Ortho Workers Compensation Conference, Prairie Meadows, February 27, 2020.

IV. SERVICE

A. Membership in Professional Organizations:1997 American Academy of Physical Medicine and Rehabilitation

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- 1998 Association of Academic Physiatrists
- 2000 Iowa Academy of Physical Medicine & Rehabilitation (formerly Iowa Society of Rehabilitation Medicine
- 2005 American College of Physician Executives, completed 36 of 150 hours of Certified Physician Executive (CPE) Program

B. Offices held in professional organizations

American Academy of Physical Medicine & Rehabilitation,

Information Systems Committee, 2003-2006

American Association of Neuromuscular and Electrodiagnostic Medicine Professional Practice Subcommittee, 2007

Association of Academic Physiatrists,

- Information Systems Committee member 2002-2004
- Education Committee member 2003-2006
- Academic Leadership Development Program, 2002
- Board of Trustees, Newsletter Editor, 2005-2009

<u>Iowa Academy of Physical Medicine & Rehabilitation</u>

- Vice-President 2003-2005, 2015-2016
- President 2005-2009, 2017-2019

Iowa Medical Society

- Committee on Legislation member, 2003-2009
- House of Delegates, Reference Committee member, 2007

University of Iowa

Parking &Transportation Committee 2003-2009, 2011-2014

University of Iowa, Carver College of Medicine,

- UIP Board of Directors of Faculty Practice Plan, 2007-2010.
- Member of Marketing and New Initiatives Subcommittee.
- Student Disabilities Accommodation Committee, 2003-2010.
- Clinical Track Faculty Promotion and Evaluation Committee 2005.
- Graduate Program in Physical Therapy & Rehabilitation Science, Review Committee member, 2003.
- Continuing Medical Education Committee member, 2006-2008
- Medical Student Admissions Committee member, 2011-2018

University of Iowa Hospitals & Clinics

- Institutional Leadership Development Program, 2003
- Department of Rehabilitation Therapies, Review Committee, 2000
- Department of Orthopaedics & Rehabilitation,
 - Finance Committee Member 2013-2018
 - Reviewed actual RVU data for physiatry service to develop ways of enhancing physician productivity and collections
- 2007 UIHC Television Commercial, "Expertise Multiplied

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Exponentially, aired fall 2007.

- KCRG Invited Guest, televised noon call-in segment on back pain, June 25, 2007.
- Medical Minute televised presentation on UI Spine Rehabilitation Program, June 25, 2007, aired Summer 2007.
- Community CME presentation on Back Pain, UI Joint Office of Marketing and Communications, Coralville Holiday Inn Conference Center, December 2006, March 2007.
- C. Deposition and Trial Testimony History available upon request