

SCOTT SELBY

MISSION

To mend the injustice of suffering through the physical and rehabilitative care of wounded people and through the mentoring of our future generation of health care providers.

EXPERIENCE

ADJUNCT ASSISTANT PROFESSOR-APPLIED HEALTH SCIENCE
DEPARTMENT-WHEATON COLLEGE, WHEATON, IL 2014-
Orthopaedic & Athletic Injury (AHS 362)

VISITING ASSISTANT PROFESSOR-APPLIED HEALTH SCIENCE
DEPARTMENT-WHEATON COLLEGE, WHEATON, IL 2011-12
Human Anatomy (AHS 351)
Clinical Kinesiology (AHS 371)
Orthopaedic & Athletic Injury (AHS 362)
Advanced Human Anatomy (AHS 451)

INSTRUCTOR-NATIONAL UNIVERSITY OF HEALTH SCIENCES-DOCTOR
OF CHIROPRACTIC MEDICINE PROGRAM LOMBARD, IL 2003-2011
(Co-Lead) Evaluation & Management of Chest and Thorax (E/M 5207), spring 2010-summer 2011
Student Clinic Internship (CL6402): Attending Clinician to M3 student interns, fall 2008-summer 2009
Clinical Internship I (IC7102) and II (IC7201): Attending Clinician to M4 and M5 student interns 2005-summer 2008
Advanced Diagnosis Lab (DX6065L): Orthopaedic physical assessment of athletic injuries. 2003-2009
Clinical Problem Solving Laboratory (DX6067L): Standardized patient laboratory. 2003-2009
(Adjunct) Conservative management of ENT disorders. 2001-2003

INSTRUCTOR-NATIONAL UNIVERSITY OF HEALTH SCIENCES-DOCTOR
OF NATUROPATHIC MEDICINE PROGRAM LOMBARD, IL 2010- 2011
General Technique I (NM6243N), spring 2010
General Technique II (NM6244N) summer 2010
Advanced Naturopathic Manipulation Technique (NM6411N), fall 2010-spring 2011

ASSISTANT PROFESSOR-NATIONAL UNIVERSITY OF HEALTH
SCIENCES-OUTPATIENT CENTER LOMBARD, IL 1995-2000
Attending Clinician: Mentored chiropractic and naturopathic medicine interns in outpatient rounds. Assisted with
research projects, curriculum development, faculty development and community service projects.

PHYSICIAN-PHYSICAL MEDICINE ASSOCIATES NAPERVILLE, IL 2003-
Evaluation and management of outpatients in an ambulatory care center with a focus on physical medicine and rehabilitation of sports injuries.

PHYSICIAN-WRIGHT HEALTH CLINIC NAPERVILLE, IL 2000-2003
Evaluation and management of outpatients in ambulatory care. Physical medicine and rehabilitation of sports injuries.

SELBY CHIROPRACTIC CLINIC GRESHAM, OR 1994-1995

CLINICAL RESIDENT-WESTERN STATES CHIROPRACTIC COLLEGE-OUTPATIENT
CLINIC PORTLAND, OR 1992-1994
2-year post-graduate residency. Mentored chiropractic medicine interns during rotations.

GRADUATE TEACHING ASSISTANT-WESTERN STATES CHIROPRACTIC COLLEGE-
PORTLAND, OR 1991-1995
Assisted the lead professor with cadaveric dissection, histology lab, biomechanics and physical medicine labs.

RESIDENT ASSISTANT-MT. ANGEL CHIROPRACTIC CLINIC, MT.ANGEL OR
1991-1992
One year elective post-graduate outpatient residency in a rural community clinic.

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EDUCATION

WESTERN STATES CHIROPRACTIC COLLEGE, PORTLAND, OR -
DOCTOR OF CHIROPRACTIC-SUMMA CUM LAUDE, 1991

WESTERN STATES CHIROPRACTIC COLLEGE, PORTLAND, OR -
BACHELOR OF SCIENCE IN HUMAN BIOLOGY, 2009

Thesis: Current concepts in the prevention, diagnosis and treatment of SLAP lesions in adolescent and adult overhand throwing athletes. Advisor: Dr. Michael Carnes

COLLEGE OF DUPAGE, GLEN ELLYN, IL - ASSOCIATE IN SCIENCE
HIGHEST HONORS (FINALIST, MOST OUTSTANDING STUDENT), 1987

PUBLICATIONS

Cramer GD, Ross K, Raju PK, Cambron J, Cantu JA, Bora P, Dexheimer J, McKinnis R, Habeck AR, Selby S, Pocius J, Gregerson D. 2012 Quantification of cavitation and gapping of lumbar zygapophyseal joints during spinal manipulative therapy. *J Manipulative Physiol Ther.* 2012 Oct; 35(8): 614-621.

Cramer GD, Ross K, Raju PK, Cambron J, Dexheimer J, Bora P, McKinnis R, Selby S, Habeck AR. Distribution of Cavitations as Identified with Accelerometry during Lumbar Spinal Manipulation. *J Manipulative Physiol Ther.* 2011 Nov; 34(9): 572-83. Epub 2011 Jul 18

Cramer GD, Ross K, Pocius J, Cantu JA, Luptook E, Fergus M, Gregerson D, Selby S, Raju PK. Evaluating the relationship among cavitation, zygapophyseal joint gapping, and spinal manipulation: an exploratory case series. *J Manipulative Physiol Ther.* 2011 Jan; 34(1): 2-14

ABSTRACTS/SCIENTIFIC PRESENTATIONS

Cramer G, Bora P, Ross K, Selby S. Sound and vibration recordings during normal motion and spinal manipulation Experimental Biology Annual Meeting. San Diego Convention Center, Sails Pavilion, Wednesday, April 21-25, 2012. The FASEB Journal 26(April):LB42.

Cramer G, Ross K, Raju PK, Cambron J, Cantu J, Bora P, Selby S, Habeck A, Dexheimer J, Gregerson D, McKinnis R. Relationships among cavitation, Z joint gapping, and spinal manipulative therapy. Sixteenth Annual Research Agenda Conference (ACC/RAC), Las Vegas, Nevada, Friday, March 18, 2011. *Journal of Chiropractic Education* 25:77c-78.

Cramer G; Ross K; Bora P; Raju P; Selby S; Cambron J; Habeck A; Dexheimer J; McKinnis R. 2011 Localization of cavitations using accelerometry. Sixteenth Annual Research Agenda Conference (ACC/RAC), Las Vegas, Nevada, March 17-19, 2011. *Journal of Chiropractic Education* 25:77b. (Won a "Best Paper Award" [2000 word abstracts required for the meeting]).

Cramer G, Ross K, Raju PK, Cambron J, Cantu J, Bora P, Selby S, Habeck A, Dexheimer J, Gregerson D, McKinnis R. Z joint gapping as assessed by piezoelectric accelerometry and MRI. Experimental Biology Annual Meeting. Washington, DC, April 10, 2011. 2011 The FASEB Journal 25(March 17):488.3.

Cramer G, Ross K, Raju PK, Bora P, Press R, Cantu J, Selby S, Cambron J, Dexheimer J. Morphometric differences of cavitating Z joints. Experimental Biology Annual Meeting. Washington, DC, April 13, 2011. 2011 The FASEB Journal 25(March 17):lb1

Cramer G; Ross K; Bora P; Raju P; Habeck A; Selby S; Cambron J. Distribution of cavitations during spinal manipulation as measured by accelerometry. International Symposium for Clinical and Applied Anatomy. Prague, Czech Republic, July 9-11, 2010. *Anatomy (International Journal of Experimental and Clinical Anatomy)* 4(S1):P82, p.85.

Cramer, G.D.; Ross, K.; Pocius, J.; Cantu, J.A.; Fergus, M.; Gregerson, D.; Selby, S. Assessing joint vibration during spinal manipulation. Experimental Biology Annual Meeting. Anaheim, California, April 24-28, 2010. The FASEB Journal 24:635.2.

Cramer, G.D.; Ross, K.; Pocius, J.; Cantu, J.A.; Luptook, E.; Fergus, M.; Gregerson, D.; Selby, S. Assessing cavitation and z joint gapping following side-posture spinal adjusting: a feasibility case series. Thirteenth Annual Research Agenda Conference (ACC/RAC), Washington, D.C., March 13-15, 2008. *Journal of Chiropractic Education* 22:54.

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PRESENTATIONS WITHOUT ABSTRACTS

Cramer GD, Ross K, Pocius J, Cantu JA, Laptook E, Fergus M, Gregerson D, Selby S. Assessing cavitation and Z joint gapping following side-posture spinal adjusting: a feasibility case series. NUHS Homecoming; June 22, 2008.

Integrate Chicago Medical Conference. Loyola University Stritch School of Medicine. January 17, 2009. Invited speaker. "Integrating Chiropractic into NMS primary care."

ACKNOWLEDGEMENTS

Bora P. Cavitation Studies of Lumbar Zygapophysial Joints using Vibration Measurements. May 2011. Masters Thesis. Auburn University.

Kirstukas SJ and Backman JA. Physician-applied contact pressure and table force response during unilateral thoracic manipulation. J Manipulative Physiol Ther. 1999 Jun; 22(5):269-79

AWARDS

Best Paper Award for: Cramer G; Ross K; Bora P; Raju P; Selby S; Cambron J; Habeck A; Dexheimer J; McKinnis R. 2011 Localization of cavitations using accelerometry. Sixteenth Annual Research Agenda Conference, Las Vegas, Nevada, March 17-19. Journal of Chiropractic Education 25:77b. (2000 word abstracts required for the meeting).

Most Outstanding Instructor of the Trimester. National University of Health Sciences. Voted on by members of the student body. ND May 2010, DC Tri 6 summer 2009, DC Tri 7 summer 2009, DC Tri 6 spring 2009, DC Tri 6 summer 2008, DC Tri 7 summer 2007, DC Tri 6 summer 2006, DC Tri 6 summer 2005, DC Tri 6 spring 2005

AFFILIATIONS

TEAM PHYSICIAN-WHEATON COLLEGE WHEATON, IL 2007-

POSTGRADUATE CERTIFICATION AND TRAINING

BOARD CERTIFIED IN MECHANICAL DIAGNOSIS AND THERAPY, MCKENZIE INSTITUTE, USA (CERT.MDT)-2014

FUNCTIONAL REHABILITATION (DIPLOMATE TRAINING PROGRAM)-300 HOURS-2006-2008

CHIROPRACTIC SPORTS PHYSICIAN (DIPLOMATE TRAINING PROGRAM)-ACA SPORTS COUNSEL-BOARD CERTIFIED CHIROPRACTIC SPORTS PHYSICIAN (CCSP)-1993

KINESIOTAPING-LEVEL 1 AND 2-2006

INSTRUMENT ASSISTED SOFT TISSUE MANIPULATION (GRASTON)-LEVEL 1 AND 2-2005

MEDICAL ACUPUNCTURE 100 HOURS - IL BOARD CERTIFICATION-1996