

KELLEY D. WEAR, MD
HAND & WRIST SURGEON

EDUCATION & LICENSURE

LICENSE AND CERTIFICATION

- ◆ COLORADO Medical License Number: 44546
- ◆ MICHIGAN Medical License Number: 4301084485
- ◆ NEW YORK Medical License Number: 227586
- ◆ CONNECTICUT Medical License Number: 041593
- ◆ BOARD CERTIFICATION: American Board of Surgery

EDUCATION

MICHIGAN STATE UNIVERSITY, Lansing, Michigan. 2004 – 2006
Surgical Residency / General Surgery Chief Resident, including hand surgery.

COLUMBIA UNIVERSITY, College of Physicians and Surgeons, New York, NY. September, 2003
Microsurgery Course

UNIVERSITY OF CONNECTICUT, Health Sciences Center, Hartford, CT. 2003 – 2004
Hand Surgery Fellowship

COLUMBIA UNIVERSITY, College of Physicians and Surgeons, New York, NY. 2002 – 2003
Research Fellowship in Wound Healing & Tissue Engineering

NEW YORK HOSPITAL, Queens, NY. 1998 – 2002
General Surgery Internship & Residency

ST. LOUIS UNIVERSITY SCHOOL OF MEDICINE, St. Louis, MO. 1994 – 1998
Medical Doctor (MD)

- ◆ Class rank: Top 1/3
- ◆ Sophomore Class President
- ◆ Senior Year Winner of PEO Scholarship
- ◆ Child Abuse Task Force Coordinator 1996 – 1998
- ◆ Founder & President – Physicians for Human Rights, St. Louis Chapter 1995 – 1998

DEPARTMENT OF NEUROSCIENCE, UNIVERSITY OF COLORADO, Denver, CO. 1993 – 1994
Post-Graduate Medical Studies

UNIVERSITY OF COLORADO, Denver, CO. 1990 – 1993
Bachelor of Arts (BA)

- ◆ Magna cum Laude
- ◆ Phi Beta Kappa
- ◆ Psi Chi Honor Society
- ◆ Honors Council Award
- ◆ University Honor Roll

RESEARCH / PROFESSIONAL EXPERIENCE

THE HAND CENTER, P.C., Broomfield, Colorado
President and Owner, Hand and Wrist Surgeon 3/09-present

BOULDER COUNTY MEDICAL SOCIETY, Boulder, Colorado
Board of Directors, Member 2013-2019

Alternate Delegate, 2012

COLORADO MEDICAL SOCIETY
Board of Directors, Boulder Representative
2017-2018

ROCKY MOUNTAIN URGENT CARE, Westminster/Boulder/Longmont Colorado
Acute Care Physician. 11/15-11/17

HAND SPECIALISTS, P.C., Boulder, Colorado
Hand Surgeon. 8/06-3/09

MICHIGAN STATE UNIVERSITY, Lansing, Michigan.
General Surgery Chief Resident, including hand surgery. 7/05 – 6/06
General Surgery Residency, including hand surgery. 7/04 – 7/05

UNIVERSITY OF CONNECTICUT Health Sciences Center, Hartford, CT.
Hand Surgery Fellowship. 7/03 – 6/04

COLUMBIA UNIVERSITY College of Physicians and Surgeons, New York, NY.
Research Fellowship – Diabetic wound healing & tissue engineering. 7/02 – 7/03
• Principal Investigator: Arnold S. Breitbart, MD

NEW YORK HOSPITAL, Queens, NY.
General Surgery Residency. 7/99 – 7/03
General Surgery Internship. 7/98 – 7/99

PREVIOUS RESEARCH EXPERIENCE INCLUDES:

Cranial vault reconstruction research, 1996 – 1998, Principal Investigator: Greg Rinehart, MD
St. Louis University School of Medicine, St. Louis, Missouri

Osteoclasts; angiogenesis research, 1995 – 1996, Principal Investigator: Phil Osdoby, PhD
Washington University School of Medicine, St. Louis, Missouri

Neurophysiology research, 1993 – 1994, Principal Investigator: Robert Freedman, MD
University of Colorado Health Sciences Center, Denver, Colorado

Behavioral genetics research, 1991 – 1993, Principal Investigator: Greg Carey, PhD
Institute for Behavioral Genetics, Boulder, Colorado

HONORS & AWARDS***Winner, First Place Poster Competition***

At the 21st Annual Department of Surgery Resident Research Day Forum, Lansing, Michigan, March 12, 2005. Wear-Maggitti K, Wolstein R, Ohayon J, Carlson L, Watson K, Treatment of chronic volar plate avulsion: A new technique.

Winner, First Place Residency Competition

At the 20th Annual Meeting of the Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2-4, 2003. Conejero JA, Lee JA, Wear-Maggitti K, Grant RT, Breitbart AS, Use of osteogenically

differentiated fat-derived stem cells in poly-L-lactic acid matrices to reconstruct palatal defects in a rat model.

Winner, Third Place Annual Resident's Research Competition

At the Annual Resident's Research Competition, Columbia University College of Physicians and Surgeons, New York, New York, May 22, 2003. Conejero JA, Lee JA, Wear-Maggitti K, Grant RT, Breitbart AS, In vivo differentiation of fat-derived stem cells: Implications for cleft palate and cranial facial defects.

PEER-REVIEWED PUBLICATIONS

Wollstein R, Wear-Maggitti K, Ohayon J, Watson HK, Dorsal wrist syndrome, a true entity, Journal of Hand Surgery (British and European volume), in review.

Conejero A, Lee J, Parrett B, Wear-Maggitti K, Grant R, Breitbart A, Alveolar defect reconstruction in the rat using osteogenically differentiated fat-derived stem cells, Plastic and Reconstructive Surgery, in press.
Wollstein R, Wear-Maggitti K, Poultsides G, Ohayon J, Watson HK, Wrist range of motion as a diagnostic tool for early Kienbock's disease, Scandinavian J Plast Reconstr Surg Hand Surg, 2006 Sept: 40(4): 230-233.

Lee J, Conejero J, Mason J, Parrett B, Wear-Maggitti K, Grant R, Breitbart A, Lentiviral transfection with the PDGF-B gene improves diabetic wound healing, Plast Reconstr Surg. 2005 Aug;116(2):532-8.

Wear-Maggitti K, Lee J, Conejero J, Parrett B, Schmidt A, Breitbart A, Grant R, Use of topical sRAGE in diabetic wounds increases neovascularization and granulation tissue formation, Annals of Plastic Surgery, 52(5): 519-521, May 2004.

Wear K, Karsif K, Turner J, Staining of endotracheal tube with isosulfan blue dye after sentinel node mapping: A case report", The Breast Journal, 2003 Jan-Feb; 9(1): 47-8.

Lin E, Wear K, Tiszenkel H, Planned reduction of incarcerated groin hernias with hernia sac laparoscopy, Surgical Endoscopy, 2002 Jun; 16 (6): 936-8.

Stevens KE, Wear KD, Normalizing effects of nicotine and a novel nicotinic agonist on hippocampal auditory gating in two animal models. Pharmacology, Biochemistry, and Behavior, 1997 Aug: 57 (4): 869-74.

Bickford PC and Wear KD, Restoration of sensory gating of auditory evoked response by nicotine in fimbria-fornix lesioned rats, Brain Research, 705:235-240, 1995.

PRESENTATIONS

Wear K. Rheumatoid arthritis of the thumb, Invited speaker presentation for the Demystify the Thumb Symposium, Denver, Colorado, April 21,2007.

Wear-Maggitti K, Lanigan E, Distal scaphoid resection arthroplasty for symptomatic nonunion of the scaphoid results in pain relief, improved range of motion, and acceptable grip strength, presented at the 22nd Annual Michigan State University Department of Surgery Annual Research Forum, Lansing, Michigan April 13, 2006.

Wear K. Vascular disorders of the upper extremities, Invited speaker presentation for the Ingham Regional Medical Center Vascular Teaching Conference, Lansing, Michigan March 23, 2006.

Wear-Maggitti K, Scaphoid Fractures, Invited speaker presentation for the Sparrow Hospital Trauma/Emergency Room Teaching Conference, Lansing, Michigan, September 7, 2005.

Wear-Maggitti K, Wolstein R, Ohayon J, Carlson L, Watson K, Treatment of chronic volar plate avulsion: a new technique, presented at the 21st Annual Michigan State University Department of Surgery Resident Research Day Forum, Lansing, Michigan, March 12, 2005.

Breitbart A, Conejero J, Grant R, Lee J, Parrett B, Terry M, Wear-Maggitti K, Use of osteogenically differentiated fat-derived stem cells to repair alveolar cleft defects, presented at Plastic Surgery 2004, Philadelphia, Pennsylvania, October 13, 2004.

Wear-Maggitti K, Wolstein R, Ohayon J, Watson K, Long-term follow up of volar plate injuries after check rein release, presented at the 31st Annual Meeting of the New England Hand Society, Sturbridge, Massachusetts, December 5, 2003.

Poultides G, Watson HK, Ohayon J, Wear-Maggitti K, Wollstein R, Wrist range of motion as a diagnostic tool for early Kienbock's disease, presented at the 31st Annual Meeting of the New England Hand Society, Sturbridge, Massachusetts, December 5, 2003.

Wear-Maggitti K, Conejero J, Lee J, Parrett B, Schmidt A, Breitbart A, Use of topical sRAGE in diabetic wounds increases neovascularization and the amount of granulation tissue formed, presented at the 20th Annual Meeting of the Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2-4, 2003.

Conejero JA, Lee JA, Wear-Maggitti K, Grant RT, Breitbart AS, Use of osteogenically differentiated fat-derived stem cells in poly-L-lactic acid matrices to reconstruct palatal defects in a rat model, presented at the 20th Annual Meeting of the Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2-4, 2003.

Vasisht B, Watson K, Ohayon J, Wear-Maggitti K, Triquetral impingement ligament tear (TILT) syndrome after SLAC reconstruction, presented at the 58th Annual Meeting of the American Society for Surgery of the Hand, Chicago, Illinois, September 18-20, 2003.

Wear-Maggitti K, Conejero J, Lee J, Parrett B, Schmidt A, Breitbart A, Topical sRAGE increases granulation tissue in diabetic wounds, presented at the Annual Resident's Research Competition, Columbia University College of Physicians and Surgeons, New York, New York, May 22, 2003.

Conejero JA, Lee JA, Wear-Maggitti K, Grant RT, Breitbart AS, Use of osteogenically differentiated fat-derived stem cells in poly-L-lactic acid matrices to reconstruct palatal defects in a rat model, presented at the Annual Resident's Research Competition, Columbia University College of Physicians and Surgeons, New York, New York, May 22, 2003.

Conejero J, Parrett B, Wear-Maggitti K, Lee J, Grant R, Breitbart A, Lentiviral gene therapy with PDGF improves neovascularization and collagen quality in diabetic wounds, presented at the ASPS/PSEF/ASMS annual scientific meeting, San Diego, California, San Diego, California, October 24-29, 2003.

Lee J, Conejero J, Parrett B, Wear-Maggitti K, Kondar M, Grant R, Breitbart A, Transfecting the PDGF gene via a lentiviral vector into the regenerating dermis of diabetic mice enhances angiogenesis and collagen deposition, presented at the to the 20th Annual Meeting of the Northeastern Society of Plastic Surgeons, Baltimore, Maryland, October 2-4, 2003.

Lee J, Parrett B, Conejero J, Wear-Maggitti K, Grant R, Mason M, Breitbart A, The effects of lentiviral transfection of the PDGF gene into the regenerating dermis of diabetic wounds, presented at the 48th Annual Meeting of the Plastic Surgery Regional Conference, Las Vegas, Nevada, April 23-26, 2003.

Conejero J, Lee J, Parrett B, Wear-Maggitti K, Schmidt A, Breitbart A, Topical sRAGE improves the quantity and vascularity of granulation tissue in diabetic wounds, presented at the 48th Annual Meeting of the Plastic Surgery Regional Conference, Las Vegas, Nevada, April 23-26, 2003.

Parrett B, Lee J, Wear-Maggitti K, Grant R, Breitbart A, In vivo growth of osteocytes and adipocytes differentiated from fat-derived stem cells, presented at the 48th Annual Meeting of the Plastic Surgery Regional Conference, Las Vegas, Nevada, April 23-26, 2003.

Audi P, Wear K and Rinehart G, Modified sagittal strip synostectomy for treatment of scaphocephaly, abstract, presented at the Senior Plastic Surgery Conference Meeting, Sacramento, California, April 16-20, 1997.

Wear K, Effects of nicotine on auditory sensory gating in fornix-lesioned rats, presented in November, 1993 at the Neuroscience Annual Seminar of the Health Sciences Center in Denver, Colorado.

Wear K, Antisocial behavior as a function of drug abuse in adolescents, presented in July, 1992 at the Annual Meeting of the Behavioral Genetics Association in Boulder, Colorado.

Wear K, The relationship between familial antisocial behavior and adolescent drug abuse, paper presented to the honors council of the University of Colorado-Boulder in May, 1992.

Wear K, Shame, guilt, and cognitive dissonance, paper presented in May, 1991 at the Annual Conference of the Rocky Mountain Psychological Association in Denver, Colorado.