

**Curriculum Vitae**

**Business Address:** CORE Orthopaedic Medical Center, P.C.  
332 Santa Fe Drive, Suite 110  
Encinitas, CA 92024  
Phone: (760) 943-6700  
Fax: (760) 632-4292

**Date of Birth:** May 3, 1965  
Orange County, CA

**Education:** University of California, Irvine  
School of Biological Sciences  
Degree B.S.; Summa cum Laude, 1987  
Phi Beta Kappa National Honor Society  
Alpha Epsilon Delta Honor Society

University of California, Los Angeles  
School of Medicine  
Degree M.D.; Honors in Surgery, 1991  
Alpha Omega Alpha Honor Medical Society

University of California, San Diego  
Department of Orthopaedics  
Intern, Surgery, 1991-1992  
Fellow, Orthopaedic Research, 1992-1993  
Resident, Orthopaedic Surgery, 1993-1997  
Chief Resident, Orthopaedic Surgery, 1996-1997

Southern California Orthopedic Institute  
Fellow, Sports Medicine and Arthroscopy, 1997-1998

**Academic Title:** University of California, San Diego  
Department of Orthopaedics  
Clinical Instructor, 1999-Present

**Certification:** American Board of Orthopaedic Surgery, Diplomate, 2000  
National Board of Medical Examiners, Diplomate, 1992

**Licensure:** California, 1992

**Appointments**

**Administrative:**

Scripps Memorial Hospital, Encinitas  
Chief, Orthopaedic Surgery, 1998-1999  
Medical Director, Ambulatory Surgery, 2001-2005  
Infection Control Committee, 2001-2003

UC San Diego, Medical Center  
Infection Control Committee, 1996-1997

**Academic:**

UC San Diego, School of Medicine  
Department of Orthopaedics  
Clinical Instructor, 1999-Present  
Resident Selection Committee, 1997

UCLA, School of Medicine  
Committee on Undergraduate Education, 1989-1991  
Admissions Committee, 1988-1989

University of California, Irvine  
Advisory Committee on Intercollegiate Athletics, 1986-1987

**Community:**

California State University, San Marcos  
Orthopaedic Consultant, 1998-Present  
Trust Foundation Board Member, 1998-Present  
La Costa Canyon High School  
Orthopaedic Consultant, 2003-Present  
Carlsbad High School  
Orthopaedic Consultant, 1998-2003

Acura Classic, Sony Ericsson WTA Tour, U.S. Open Series  
Chief Tournament Physician, 2007

National Surf League-The Game  
League Physician, 2005

US National Synchronized Team Skating Championship  
Event Physician, 2004

Imperial Beach Duathlon/Triathlon  
Event Physician, 2004

Boost Mobile Pro of Surf at Lower Trestles  
Event Physician, 2004

Rob Machado Surf Classic  
Event Physician, 2004

Swami's Cardiff Surf Classic  
Event Physician, 2004

Silver Strand Half-Marathon  
Event Physician, 2003

Suzuki Rock N' Roll Marathon  
Sports Medicine Team Captain, 1999

City of Newport Beach  
Ocean Lifeguard, 1986-1987

**Affiliations:** Scripps Memorial Hospital, Encinitas, 1998-Present  
Health South Center for Surgery, Encinitas, 1998-Present

**Associations:** American Academy of Orthopaedic Surgery  
Fellow, 2000-Present  
Arthroscopy Association of North America  
Fellow, 1999-Present  
American Orthopaedic Society for Sports Medicine  
Fellow, 1999-Present  
San Diego County Medical Society, 1998-Present  
Scripps Ximed Medical Associates, 1998-Present  
Western Orthopaedic Association, 1999-Present  
California Medical Association, 1998-Present  
California Orthopaedic Association, 1999-2000  
LA County Medical Association, 1988-1990  
Committee on Sports Medicine, 1988-1989

**Awards:** Consumers' Research Council of America, Top Surgeon, 2006  
San Diego Magazine, Top Physician, 2004

UCLA, School of Medicine  
Alpha Omega Alpha Honor Medical Society, 1990  
UC Regents' Health Science Scholar, 1987-1991

Massachusetts General Hospital  
Pinkney Scholar, Orthopaedic Research, 1989

University of California, Irvine  
UC Regents' Scholar, 1983-1987  
Chancellor's Club Scholar, 1983-1987  
Phi Beta Kappa  
Mu Chapter Scholar, 1985-1986  
Phi Delta Theta  
Scholarship Merit Award, 1985-1986  
Aldrich Senior Merit Scholar, 1986-1987  
UCI Intercollegiate Water Polo  
NCAA Division I, 1983-1984  
UCI Intercollegiate Swimming  
NCAA Division I, 1983-1987  
Varsity Letter, 1983-1987  
PCAA Scholar-Athlete Award, 1983-1987

National Merit Scholar, Finalist, 1983

## Bibliography

### Publications: Textbook Chapters

1. Loren, GJ and Meals, RA: "The Ultimate Mystery: Osteochondritis Dissecans." In Meals, RA: One Hundred Orthopaedic Conditions Every Doctor Should Understand. St. Louis, Quality Medical Publishing, 1992.
2. Loren, GJ and Ferkel, RD: "Arthroscopic Strategies in Fracture Management of the Ankle." In Chow, JC: Advanced Arthroscopy, New York, Springer-Verlag, 2001.
3. Loren, GJ and Meals, RA: "The Ultimate Mystery: Osteochondritis Dissecans." In Meals, RA: One Hundred Orthopaedic Conditions Every Doctor Should Understand, 2<sup>nd</sup> edition, 2006.

### Publications: Journal Articles

1. Shapiro MS, Kabo JM, Mitchell PW, Loren G, and Tsenter M: Ankle sprain prophylaxis: An analysis of the stabilizing effects of braces and tape. American Journal of Sports Medicine, 22(1):78-82, 1993.
2. Kabo JM, Gebhard JS, Loren GJ, and Amstutz HC: In vivo wear of polyethylene acetabular components. Journal of Bone and Joint Surgery, 75-B: 254-8, 1993.
3. Rosen G, Loren GJ, Brien EW, Ramana L, Waxman A, Lowenbraun S, Eckardt JJ, Eilber F, Menendez L, and Mirra JM: Serial thallium-201 scintigraphy in osteosarcoma: Correlation with tumor necrosis following preoperative chemotherapy. Clinical Orthopedics and Related Research, 293:302-6, 1993.
4. Lieber RL, Loren GJ, and Friden J: In vivo measurement of human wrist extensor muscle sarcomere length changes. Journal of Neurophysiology, 71(3):874-81, 1994.
5. Loren GJ and Lieber RL: Tendon biomechanical properties enhance human wrist muscle specialization. Journal of Biomechanics, 28(7):791-9, 1995.
6. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Human wrist motors: Biomechanical design and application to tendon transfers. Journal of Biomechanics, 29(3):331-42, 1996.
7. Loren GJ: Pain and joint immobility following Colles' fracture. Journal of Musculoskeletal Medicine, 13(6):62-3, 1996.
8. Loren GJ, Karpinski NC, and Mubarak SJ: Clinical implications of clubfoot histopathology. Journal of Pediatric Orthopedics, 18:765-9, 1998.
9. Loren GJ, Mohler RL, and Pedowitz RA: Bilateral compartment syndrome of the leg complicating tetanus infection. Orthopaedics, 24(10):997-9, 2001.

10. Loren GJ and Ferkel RD: Arthroscopic assessment of occult intraarticular injury in acute ankle fractures. Arthroscopy, 53(1):43-50, 2003.
11. Whitehurst JB, Snyder SJ, Karzel RP, Loren GJ: Extended success of arthroscopic capsular plication for glenohumeral instability. Submitted Arthroscopy, 2003.
12. Ward SR, Lundberg S, Enguidanes S, Loren GJ, Lieber RL: High Stiffness of Digital Flexor Tendons is Suited for Precise Finger Positional Control. Journal of Neurophysiology, Submitted, 2006.

**Publications: Abstracts**

1. Kabo JM, Gebhard JS, Loren GJ, Amstutz HC: In vivo wear of UHMWPE acetabular cups. Transactions of the Combined Meeting of the Orthopaedic Research Societies of USA, Japan and Canada, 1:192, 1991.
2. Shapiro MS, Kabo JM, Mitchell PW, Loren GJ, and Tsenter M: The effectiveness of prophylactic bracing and tape in resisting ankle inversion. Transactions of the Orthopaedic Research Society, 17:487, 1992.
3. Jacobson MD, Loren GJ, Yeatman P, Sokoloff B, and Lieber RL: Relationship between moment arms and muscle properties during wrist joint rotation. Transactions of the Orthopaedic Research Society, 18:318, 1993.
4. Loren GJ and Lieber RL: Tendon biomechanical properties enhance human wrist muscle specialization. Transactions of the Orthopaedic Research Society, 19:691, 1994.
5. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Biomechanical determinants of human wrist strength. Transactions of the Orthopaedic Research Society, 20:20, 1995.
6. Burkholder TJ, Loren GJ, Shoemaker SC, Jacobson MD, Friden J, and Lieber RL: Biomechanical determinants of wrist torque. Medicine and Science in Sports and Exercise, 27:S159, 1995.
7. Mubarak SJ, Loren GJ, and Karpinski N: Clinical implications of clubfoot histopathology. Pediatric Orthopaedic Society of North America, 60-61, 1998.
8. Loren GJ, Snyder SJ, Karzel RP, and Wichman MT: Extended success of arthroscopic capsular plication for glenohumeral instability. Arthroscopy Association of North America, 128, 1999.
9. Loren GJ and Ferkel RD: Arthroscopic assessment of occult intra-articular injury in acute ankle fractures. International Federation of Foot and Ankle Societies, 2002.

10. Whitehurst JB, Snyder SJ, Karzel RP, Loren GJ: Arthroscopic pan-capsular plication for glenohumeral multidirectional instability. Arthroscopy Association of North America, 2003.

**Publications: Video**

1. Snyder SJ and Loren GJ: Partial articular supraspinatus tendon avulsion: The PASTA lesion. A description of the injury and technique of arthroscopic repair. Southern California Orthopedic Institute, Van Nuys, June 1998.

**Presentations: International**

1. Loren GJ, Snyder SJ, Karzel RP, and Wichman MT: Extended success of arthroscopic capsular plication for glenohumeral instability. Arthroscopy Association of North America, Vancouver, British Columbia, Canada, April 1999.
2. Loren GJ: Arthroscopic strategies in reduction and fixation of ankle fractures. IX International Congress of Arthroscopy and Sports Medicine, Buenos Aires, Argentina, June 2006.
3. Loren GJ: Arthroscopic assessment of occult intraarticular injury in acute ankle fractures. IX International Congress of Arthroscopy and Sports Medicine, Buenos Aires, Argentina, June 2006.
4. Loren GJ: Ankle Arthroscopy: Live surgical demonstration of anatomy and techniques. IX International Congress of Arthroscopy and Sports Medicine, Buenos Aires, Argentina, June 2006.

**Presentations: National**

1. Jacobson MD, Loren GJ, Yeatman P, Sokoloff B, and Lieber RL: Relationship between moment arms and muscle properties during wrist joint rotation. Orthopaedic Research Society, San Francisco, February 1993.
2. Loren GJ and Lieber RL: Tendon biomechanical properties enhance wrist muscle specialization. Orthopaedic Research Society, New Orleans, February 1994.
3. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Human wrist motors: Biomechanical design and implications in tendon transfer. Orthopaedic Research Society, Orlando, February 1995.
4. Laboratory Instructor: Shoulder Arthroscopy and Arthroplasty. 15<sup>th</sup> Annual Meeting, San Diego, June 1998.
5. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 16<sup>th</sup> Annual Meeting, San Diego, June 1999.

6. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 17<sup>th</sup> Annual Meeting, San Diego, June 2000.
7. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 18<sup>th</sup> Annual Meeting, San Diego, June 2001.
8. Instructor: Updates in Shoulder Surgery. Arthrex, Inc., Los Angeles, June 2001.
9. Instructor: Knee Arthroscopy and Instrumentation Master Class. Atlantech, Inc. Washington, DC, April 2002.
10. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 19<sup>th</sup> Annual Meeting, San Diego, June 2002.
11. Laboratory Instructor: Arthroscopy Association of North America, 21<sup>st</sup> Fall Course. Ankle Arthroscopy, Palm Desert, November 2002.
12. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 20<sup>th</sup> Annual Meeting, San Diego, June 2003.
13. Laboratory Instructor: Arthroscopy Association of North America, 22<sup>nd</sup> Fall Course. Ankle Arthroscopy, New Orleans, November 2003.
14. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 21<sup>st</sup> Annual Meeting, San Diego, July 2004.
15. Laboratory Instructor: Arthroscopy Association of North America 23<sup>rd</sup> Annual Fall Course. Shoulder Arthroscopy, Palm Desert, December 2004.
16. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 22<sup>nd</sup> Annual Meeting, San Diego, June 2005.
17. Instructor: Master's Course in Shoulder Surgery. Arthrex, Inc., Los Angeles, November 2005.
18. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 23<sup>rd</sup> Annual Meeting, San Diego, June 2006.
19. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 24<sup>th</sup> Annual Meeting, San Diego, June 2007.

**Presentations: Regional**

1. Loren GJ and Lieber RL: The behavior of tendons of the human wrist under physiological loads. UCSD Orthopaedic Grand Rounds, San Diego, June 1993.

2. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Influences of human wrist motor design on joint torque. UCSD Orthopaedic Grand Rounds, San Diego, June 1994.
3. Loren GJ: Chondral resurfacing: Clinical options and outcomes in articular lesions of the knee. UCSD Orthopaedic Grand Rounds, San Diego, February 1996.
4. Loren GJ and Mubarak SJ: Clinical implications of muscle histopathology in idiopathic congenital equinovarus. Children's Hospital and Health Center, San Diego, March 1996.
5. Loren GJ: Primary evaluation of the popliteal cyst. VA Urgent Care Symposium, La Jolla, September 1996.
6. Loren GJ: Cervical spine injuries in sports. UCSD Surgery Grand Rounds, La Jolla, October 1996.
7. Loren GJ: Surgical neck fractures of the proximal humerus: Clinical considerations and management options. UCSD Orthopaedic Grand Rounds, San Diego, January 1997.
8. Loren GJ: Intra-articular dislocation of the patella. UCSD Orthopaedic Grand Rounds, San Diego, May 1997.
9. Loren GJ: Acute post-obstructive pulmonary edema in orthopaedic surgery. UCSD Orthopaedic Grand Rounds, San Diego, May 1997.
10. Loren GJ: Musculoskeletal complications of tetanus infection. UCSD Orthopaedic Grand Rounds, San Diego, May 1997.
11. Snyder SJ and Loren GJ: Partial articular supraspinatus tendon avulsion: The PASTA lesion. A description of the injury and technique of arthroscopic repair. Southern California Orthopedic Institute, Van Nuys, June 1998.
12. Loren GJ and Ferkel RD: Arthroscopic assessment of occult intra-articular injury in acute ankle fractures. Southern California Orthopedic Institute, Van Nuys, June 1998.
13. Loren GJ, Snyder SJ, Karzel RP, and Wichman MT: Extended success of arthroscopic capsular plication for glenohumeral instability. Southern California Orthopedic Institute, Van Nuys, June 1998.
14. Loren, GJ: CME Trauma. Proximal Humerus Fractures. UCSD Department of Orthopaedics, San Diego, September 1998.
15. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Arthroscopy for arthrosis and Management of Osteochondral Injury. UCSD Department of Orthopaedics, San Diego, June 1999.

16. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Shoulder Arthritis and Arthroplasty. UCSD Department of Orthopaedics, San Diego, September 1999.
17. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Posterolateral Instability of the Knee. UCSD Department of Orthopaedics, San Diego, April 2000.
18. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Arthroscopy for Arthrosis and Management of Osteochondral Injury. UCSD Department of Orthopaedics, San Diego, December 2000.
19. Laboratory Instructor: Smith Nephew Dyonics/Orthopaedic Biosystems Limited. Operative Shoulder Arthroscopy, Carlsbad, January 2001.

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