

Business:

San Francisco Shoulder Elbow and Hand Clinic
2351 Clay St. Suite 510, San Francisco CA 94115
mschrumpf@sanfranortho.com

Office: (415) 392 3225

A. Academic History

1. Colleges and Universities Attended

- 1999-2003 Stanford University, Stanford, B.A. in Human Biology '03 with Honors
- 2003-2007 Keck School of Medicine at Univ. of Southern California, Los Angeles, M.D.

2. Scholarships and Honors

- 2003: Departmental Honors, Stanford University Department of Human Biology
- 2003: Howard Hughes Medical Institute Fellowship
- 2004: Baxter Family Medical Research Fellowship
- 2006: Alpha Omega Alpha (AOA) member
- 2006-7: Dean's Recognition for medical school years III & IV
- 2011: Honorable Mention AAOS Scientific Exhibit
- 2012: Award of Excellence AAOS Scientific Exhibit
- 2016: California Medical Society Young Physician Delegate for San Francisco Medical
Society 2016-17

3. Post-Doctoral and Residency Training

- 2007-12: Hospital For Special Surgery, Orthopaedic Surgery Residency, Cornell
University, New York, NY
- 2012-13: Norris/Kelly ASES Shoulder and Elbow Fellowship at San Francisco Shoulder,
Elbow and Hand Clinic, San Francisco CA

4. Board Certification

ABOS Diplomate 2015

CA State Medical License A118035

B. Employment History

6/2007-6/2012 Orthopedics Resident Hospital for Special Surgery
8/1/2012-7/31/2013 Fellow – San Francisco Shoulder, Elbow and Hand Clinic
8/1/2013 Attending – San Francisco Shoulder, Elbow and Hand Clinic

C. Public and Professional Service

2002-3: Teaching Assistant for “Introduction to Bioethics” Stanford University
2003-06: Violence Intervention Program Mentor – USC School of Medicine
2008-2011: Cornell Medical Student Anatomy Course: Volunteer Instructor
2010: Greenberg Academy For Successful Aging – Exercise for Arthritis – Instructor
2013: Lab Instructor – San Diego Shoulder Institute
2015: CPMC community outreach speaker Shoulder and Hand Conferences

D. Professional Organization

2007 – Present: Candidate Member American Academy Orthopedic Surgeons
2012- Present: HSS Alumni Association
2013- Present: California Medical Society
2013- Present: San Francisco Medical Society
2013- Present: Northern California Orthopedic Society

E. Scholarly Activity

1. Peer Reviewed Articles (15):

1. Clement, T.S., Parikh, V. **Schrumpf, M.** Fernald, R.D.; Behavioral coping strategies in a cichlid fish: the role of social status and acute stress response in direct and displaced aggression.

Hormones and Behavior 47 (2005) pp.336-342

2. C. Benjamin Ma, Keh-yang Lee, **Mark Schrumpf** and Sharmila Majumdar Analysis of three-dimensional in vivo knee kinematics using dynamic magnetic resonance imaging *Operative Techniques in Orthopaedics, Vol 15, Issue 1 pp 57-63*
3. Sandra J. Shefelbine, C. Benjamin Ma , Keh-Yang Lee, **Mark A. Schrumpf**, Priyesh Patel, Marc R. Safran, John P. Slavinsky, Sharmila Majumdar, MRI analysis of in vivo meniscal and tibiofemoral kinematics in ACL-deficient and normal knees *Journal of Orthopaedic Research* 24-6 1208-1217 (2006).
4. Thordarson, D., Garg, R., **Schrumpf M.A.**, Castaneda, D., Sliding oblique versus segmental resection osteotomies for lesser metatarsal phalangeal joint pathology *Foot and Ankle International* 2008 oct;29(10):1009-14
5. **Schrumpf, M.**, Daluiski A., Richards, J., Hotchkiss, R. Universal (midaxial) approach to the lateral elbow *Techniques in Shoulder and Elbow* 12(1):6-11, March 2011.
6. **Schrumpf, M.**, Lee A., Weiland A.J., Foreign-body reaction and osteolysis induced by an intraosseous poly-L-lactic acid suture anchor in the wrist: A case report *Journal of Hand Surgery Am* 2011 Nov; 36(11):1769-73
7. Jones, K., **Schrumpf, M.**, Osbahr, D., Dines, J., Altchek, D. Ulnar Collateral Ligament Reconstruction in Throwing Athlete: a review of current concepts, *Journals of Bone and Joint Surgery Am*; 2012 Apr 18;94(8):e491-12
8. Lee A., **Schrumpf, M.**, Choi D., Meyers K., Patel R., Wright T., Hotchkiss R., Daluiski A., The Influence of Gravity on the Unstable Elbow, *Journal of Shoulder and Elbow Surgery*; 2013 Jan;22(1): 81-7
9. **Schrumpf, M.**, Lyman S., Do, H., Schriber J.J., Gay D., Marx R., Daluiski A., Incidence of Post-Operative Elbow Contractures, *Journal of Hand Surgery Am*; 2013 Jul 4 ppi: S0363-5023
10. **Schrumpf, M.A.** , Maak T.G., Delos, D. Jones K.J., Dines, D.M., Walch, G., Dines J.S., The management of bone loss associated with anterior glenohumeral instability, *Journals of Bone*

and Joint Surgery Am; Jan 2014 15;96(2): e 12.

11. Kelly, J.D., Vaishnav, S. Saunders, B.M., **Schrumpf, M.A.** Biomechanical analysis of the Racking Hitch Knot, *Clinical Orthopedics and Related Research*; 2014 June; 472 (6):1930-5
12. Daluiski, A. **Schrumpf, M.A.**, Schreiber J.J., Nguyen J.T., Hotchkiss R.N., Direct repair for managing acute and chronic lateral ulnar collateral ligament disruptions *Journal of Hand Surgery Am.* June 2014; 39 (6):1125-9
13. **Schrumpf, M.A.**, Norris, TR Management of anterior instability in my practice *ICJR.net* 2014, Oct 20.
14. Parks D.L.; Casagrande D; **Schrumpf, M. A.**; Harmsen S.; Norris T.R.; Kelly J.D. Radiographic and Clinical Outcomes of Total Shoulder Arthroplasty with an All-Polyethylene Pegged Bone Ingrowth Glenoid Component: Short to Medium-Term Follow-Up *J Shoulder Elbow Surg.* 2016 Feb;25(2):246-55.
15. Casagrande D. J.; Parks D. L.; Torngren T; **Schrumpf, M. A.**; Harmsen S M; Norris T. R; Kelly J.D, Radiographic Evaluation of Short-Stem Press-Fit Total Shoulder Arthroplasty: Short Term Follow-Up *J Shoulder Elbow Surg.* 2016 Feb 17

2. Non-Peer Reviewed Articles (2):

1. **Schrumpf, M.**, Maak, T., Hammound, S., Craig, EV. The glenoid in total shoulder arthroplasty. *Curr Rev Musculoskelet Med* 2011; Dec;4 (4): 191-9
2. **Schrumpf, M.**, Jones, K., Dines,D. Reverse total shoulder: Restoring Function. *Seminars in Arthroplasty* June 2012 V23 (2):83-89

3. Books and Book Chapters (4)

1. **Schrumpf, M.** Dines, D. (2011) Hemi Arthroplasty – Normal Rotator Cuff and Glenoid, In: McCann, P. Video Atlas of Shoulder Surgery, New Delhi, India: Jaypee Brothers Medical Publishers LTD.

2. Jones, K. **Schrumpf, M.** Dines, J (2012) Ulnar Collateral Ligament Injury of the Elbow, In: Dines, J. Case Files: Orthopedics, Columbus OH McGraw Hill
3. Schrumpf, M.A., Harmsen, S. Casagrande, D.; (2016) The “Floating Shoulder”: Treatment Goals and Operative Description. In Abrams, J; Bell, R.; Tokish J.; Advanced Reconstruction: Shoulder 2 Rosemont Il American Academy of Orthopedics
4. Justin K. Walden MD, Donovan K. Murphy MD, Mark A. Schrumpf MD James D. Kelly II MD (2017) Infection After RSA: Workup, Diagnosis, and Treatment. In Dines,D., Dines, J. Edwards, B. Reverse Shoulder Arthroplasty New York, NY Thieme

4. Book Reviews (0)

5. Presentations (23)

1. Parikh, V.N.; **Schrumpf, M.**; Clement, T.; Fernald R.D.; The Regulatory Effects of Cortisol on Social Status Shift in *Haplochromis burtoni*. Society for Integrative and Comparative Biology, January 6 2004 New Orleans.
2. Lee, K; Ma, C; Patel, P; **Schrumpf, M**; Safran, M R; Slavinsky, J P; Majumdar, S; MRI Analysis of In Vivo Meniscal and Tibofemoral Kinematics in Normal Knees and ACL-Deficient. Orthopaedic Research Society 2005 Annual Meeting, February 20-23, 2005, Washington, D.C.
3. C. Benjamin Ma , MD; Keh-yang Lee, PhD; **Mark A Schrumpf** , ; Marc R. Safran , MD; Sharmila Majumdar, PhD; MRI Analysis of In Vivo Meniscal and Tibofemoral Kinematics in ACL-Deficient and Normal Knees. American Orthopaedic Society for Sports Medicine 2005 Annual Meeting, July 14 - 17, 2005, Keystone, Colorado.
4. Garg, R., Thordarson, D **Schrumpf M.**, Castaneda, D., Sliding oblique versus segmental resection osteotomies for lesser metatarsophalangeal joint pathology Am. Academy of Orthopaedics 2008 Las Vegas NV

5. Jones, K., Osbahr, D., **Schrumpf, M.**, Dines, J., Altchek, D. Ulnar Collateral Ligament Reconstruction in Throwing Athlete: a review of current concepts Scientific Exhibit, Am. Academy of Orthopedics 2011 San Diego CA (Honorable Mention)
6. Dines D., **Schrumpf, M** Live Surgery Reverse Total Shoulder , Current Concepts In Joint Replacement -- Broadcast to Las Vegas NV 2011
7. **Schrumpf, M.** Lyman S, Do, H., Gay, D. Marx, R. Daluiski Incidence of Post-Operative Elbow Contractures, Eastern Orthopedic Association Meeting 2011 Williamsburg VA
8. **Schrumpf, M;** Jones K, Maak, T. Delos D. Bedi A. Walch G. Dines D. Dines J. Managing Bone Loss in Anterior Instability Scientific Exhibit; Am. Academy of Orthopedics 2012 San Francisco, CA (Winner *Award of Excellence*)
9. Jones K, **Schrumpf, M**, Maak T., Dines D., Dines J. Kinetic Chain in the Throwing Athlete; Am. Academy of Orthopedics 2012 San Francisco, CA
10. **Schrumpf, M.**, Lee A., Choi D., Meyers K., Patel R., Wright T., Hotchkiss R., Daluiski A., The Influence of Gravity on the Unstable Elbow, HSS Resident Research Symposium 3/8/2012 New York, NY
11. Daluiski, A.; **Schrumpf, M.;** Nguyen, J.; Hotchkiss, R. Results of Lateral Ulno-Collateral Ligament Repairs of the Elbow: Is a tendon graft necessary? Am. Society of Surgery of the Hand 9/6/2012 Chicago, IL
12. Lee A., **Schrumpf, M.;** Choi D., Meyers K., Patel R., Wright T., Hotchkiss R., Daluiski A., The Influence of Gravity on the Unstable Elbow Am. Society of Surgery of the Hand 9/6/2012 Chicago, IL
13. **Schrumpf, M.** Huong Do, Stephen Lyman PhD, David Gay MD, Robert Marx MD and Aaron Daluiski MD, Incidence of Post-Operative Elbow Contractures; Am. Academy of Orthopedics 2013 Chicago Il
14. Daluiski A. , **Schrumpf M.** , Joseph Nguyen, Hotchkiss R., Results of Lateral Ulno-Collateral

Ligament Repairs of the Elbow: Is a tendon graft necessary? Am. Academy of Orthopedics 2013
Chicago IL

15. **Schrumpf, M.A.**; Norris T, Tri-cortical iliac crest bone grafting for massive glenoid defects, 2 year follow up and surgical technique, International Congress of Shoulder and Elbow Surgeons 2013 Nagoya Japan
16. **Schrumpf, M.A.** ;Norris T., RSA for Massive Cuff Tears, San Diego Shoulder Institute, 2013 San Diego, CA
17. Norris, T.; **Schrumpf, M.A.** Results of RSA for Mal Union and Non-Union of Proximal Humeral Fractures, 4th Beijing Hospital 2013, Beijing China.
18. **Schrumpf, M.A.** Managing the B2 glenoid in OA, ASSH, San Francisco 2013
19. **Schrumpf, M.A.** Bankart repair for anterior instability lesions, what is predictable, ASSH San Francisco 2013
20. **Schrumpf, M.A.**; Norris T, Tri-cortical iliac crest bone grafting for massive glenoid defects, 2 year follow up ASES Closed Meeting, Las Vegas NV 2013
21. **Schrumpf, M.A.** What's new in the management of elbow fractures, Northern California Orthopedic Association Carmel CA, Oct 27 2013
22. **Schrumpf, M.A.** Anatomic shoulder arthroplasty complications old and New. California Orthopedic Association, Monterey CA June 1 2014
23. **Schrumpf, M.A.** The Tear, the Repair, the Rehab. Northern California Orthopedic Association Carmel CA Nov 15 2014

6. Manuscript Reviewer:

Clinical Orthopedics and Related Research

Journal of Shoulder and Elbow Surgery

Journal of the Hospital for Special Surgery