

CURRICULUM VITAE

Arya Nick Shamie, M.D.

Professor & Chief, Orthopaedic Spine Surgery

Professor of Neurosurgery

UCLA School of Medicine

Professor (Hon.), Zhejiang University, China

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BORN:

March, 1968

Detroit, Michigan

EDUCATION:

South Pasadena High School,

South Pasadena, California

Diploma - 1985

University of California, Irvine

Irvine, California

BA -Honors in Biology - June 1990

Northwestern University Medical School 1990-1994

Chicago, Illinois

MD – June 1994

POST GRADUATE TRAINING:

INTERNSHIP

General Surgery: Los Angeles County/USC Medical Center, Los Angeles, CA

July 1994 - June 1995

RESIDENCY

Orthopaedic Resident: San Francisco: July 1996 – June 2000.

San Francisco Orthopaedic Residency Program

St. Mary's Hospital and Medical Center, San Francisco, CA

FELLOWSHIPS

Orthopaedic Basic Science: July 1995-June 1996

UCLA Bone Research Lab

UCLA School of Medicine

Los Angeles, CA

Dr. Marshall R. Urist

Orthopaedic Spine Surgery: UCLA: July 2000 - August 2001

Dept. of Orthopaedic Surgery

UCLA School of Medicine

Los Angeles, CA

Drs. Edgar Dawson, Rick Delamarter, Jeffrey Wang

Scoliosis Research Society: November 2006

Dawson Traveling Fellowship

Washington University- St. Louis, MO

Drs. Lawrence Lenke and Keith Bridwell

PROFESSIONAL CERTIFICATIONS

Diplomate, National Board of Medical Examiners, 1996

State of California Board of Medical Examiners, 1996

Qualified Medical Evaluator; Industrial Medical Council, Sacramento, California, 2001

State of California, Department of Health

Fluoroscopy Supervisor and Operator Permit, June 2000.

Title 17, Section 30404(c)

Kyphoplasty and Vertebroplasty Certification; 2002

Board Certified, American Board of Orthopaedic Surgery, September 2003 to Dec 2013.

Qualified Medical Evaluator, November 2011

Expert Reviewer, Medical Board of California, 2012

Board Re-Certified, American Board of Orthopaedic Surgery, Sept. 2012 to Dec 2023.

ACADEMIC APPOINTMENTS

Clinical Instructor, UCLA Medical Center, July 2000 – August 2001

Assistant Clinical Professor of Orthopaedic Surgery, UCLA/Orthopaedic Hospital Associates, July 1, 2001-January 1, 2002

Assistant Clinical Professor of Orthopaedic Surgery, UCLA School of Medicine, January 1, 2002 – June 2008

Assistant Professor of Neurosurgery, UCLA School of Medicine, July 1, 2003 – June 2008

Associate Professor of Orthopaedic Surgery and Neurosurgery, UCLA School of Medicine
June 2008 – June 2014

Professor of Orthopaedic Surgery and Neurosurgery, UCLA School of Medicine
July 2014 – Present

Honorary Professor of Orthopaedic Surgery, Zhejiang University, Hangzhou, China
April 2015-Present

HOSPITAL/PROFESSIONAL APPOINTMENTS

Attending Surgeon, UCLA Medical Center, July 2000-present

Volunteer Faculty, Wadsworth Veterans Administration Hospital, Los Angeles, July 2000-January 2002

Attending Surgeon, UCLA Santa Monica Hospital, July 2000-present

Consulting Surgeon, Wadsworth Veterans Administration Hospital, Los Angeles, September 2002-September 2004

Attending Surgeon, Wadsworth Veterans Administration Hospital, Los Angeles, September 2004-Present

Co-Director, UCLA Comprehensive Spine Center
September 1, 2003- September 1, 2004

Medical Director, UCLA Comprehensive Spine Center
September 2003- September 2004

Chief, Spine Service, Wadsworth Veterans Administration Hospital, Los Angeles
September 2004- August 2012

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Director, Spinal Deformity Surgery, UCLA Orthopaedic Hospital
December 2007 – August 2009

Elected Board Member, Executive Medical Board (EMB) of SM/UCLA Medical Center
and Orthopaedic Hospital
Term: August 2009 – December 2011

Board of Directors, American College of Spine Surgery
American Board of Spine Surgery, 2009 - Present

President, American College of Spine Surgery (ACSS)
Terms: 2010-2011, re-elected 2011-2012,
Re-elected: 2012-2014

Director, Quality and Compliance, UCLA Department of Orthopaedic Surgery
July 2012- Present

Chief, Orthopaedic Spine Surgery, UCLA School of Medicine
2013-Present

Director, UCLA Spine Center, UCLA Department of Orthopaedic Surgery
2013-Present

HONORS, AWARDS

Alpha Delta Pi, national honor society

Dean's Honor List, six quarters, 1989-1990

Excellence in Research, 1990

Honors Graduate in Biological Sciences, 1990

Outstanding Research Award, SFORP, 2000

Guest Editor, ORTHOPEDICS “COA Symposium on Bone Morphogenetic Protein”-
2001

Teaching Faculty, AO North America, 2003

Course Chairman, A Surgeon’s Workshop Featuring Hands-On Techniques for Spine
Surgery, Los Angeles, CA 2006

Scoliosis Research Society Dawson Traveling Fellowship, 2006

Named on the Becker’s “50 of the Best Spine Specialists in America” list, 2010

Patient's Choice Award, Vitals.com, 2010, 2011, 2012, 2013, 2014, 2015

Compassionate Doctor Award (based on Online Patient Surveys), 2011, 2012, 2013, 2014, 2015

Named on the list of "Top Doctors," US News and World Report and Castle Connolly, 2012, 2013, 2014, 2015

Named on Becker's Spine "Top 10 Academic Spine Surgeons" list 2012

Named on "Super Doctors": 2013, 2014, 2015

Board Examiner, Kingdom of Saudi Arabia, Saudi Commission of Clinical Specialties, Orthopaedic Final Board Examination, Jeddah, December 2014

RESEARCH SUPPORT AND GRANTS

EBI Inc., Orthopaedic Spine Research; 2002

Depuy Johnson and Johnson, Spine Educational Grant; 2004

EBI Inc., Orthopaedic Spine Research; 2005

Synthes Spine, Spine Arthroplasty Grant; 2005

Biomet Inc. Spine Educational and Research; 2006

Scoliosis Research Society Traveling Fellowship; 2006

Kyphon Inc. Treatment of Lumbar Spinal Stenosis with X STOP Interspinous Process Decompression (IPD) System in Moderately Symptomatic Patients. FDA Post Approval Study; 2007

Vertiflex Superion: Minimally Invasive ISP. Medical Director, FDA PMA Study. 2009-2014. Voted for Approval by FDA Orthopaedic Advisory Panel February 2015.

MEMBERSHIPS/APPOINTMENTS (Active at Present)

Active Member and Faculty, AO North America, 2001

Active Member, American Board of Orthopaedic Surgery, 2003

Associate Member, American Academy of Orthopaedic Surgery, 2004

Associate Member, American Association of Orthopaedic Surgery, 2004

Candidate Member, Scoliosis Research Society, 2005

EDITORIAL SERVICE

Guest Editor: Symposium on Bone Morphogenetic Protein, ORTHOPEDICS, Volume 24(7), 1999

Editorial Staff: Int. Journal of Spine Surgery. November 2004 to present

Editorial Staff: Spine. December 2004 to present

Editor and Forward for: The Encyclopedia of Spine and Back Disorders, Facts On File, NY; August 2007

INVITED LECTURESHIP

Visiting Lecturer and Surgeon in Orthopaedics, Instituto Orthopedico Galeazzi, Milan, Italy. Bone Morphogenetic Protein in Spine Surgery, February 2003

Visiting Lecturer and Surgeon, Nottingham, UK, Use of biologics in spine surgery, October 2004

Invited Speaker, Grand Rounds, Internal Medicine/Family Practice, UCLA Medical School, April 2007. Topic: Lumbar Stenosis and Novel Surgical Treatments

Invited Speaker, Grand Rounds, Orthopaedic Surgery, Northwestern University, June 2007. Topic: Lumbar Stenosis and Novel Surgical Treatments

Keynote Speaker, Grand Round/Residency Graduation, San Francisco Orthopaedic Residency Program, June 2007. Topic: Cervical Fixation Techniques; C2 Intralaminar Screw fixation.

Keynote Speaker, Western Orthopaedic Association, Los Angeles, CA, September 10, 2007. Topic: Novel Surgical Treatments for Lumbar Spinal Stenosis.

Invited Speaker, Grand Rounds, Orthopaedic Surgery, University of Southern California, October 2007. Topic: Thoracolumbar Fractures: Classification and Treatment Modalities.

Invited Speaker, Grand Rounds, Orthopaedic Surgery, Medical College of Georgia (Augusta), Oct 2007. Topic: Lumbar Stenosis and Novel Surgical Treatments.

Faculty Speaker, 4th Annual UCLA Advances in Neurotherapeutics (CME Event), Santa Monica, CA November 15, 2008. Topic: Advances in Neurosurgical Management of Pain.

Chairman, IMS Advances in Medical and Surgical Techniques. CME Conference; UCLA Faculty Center; March 15, 2008.

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Course Co-Chairman, Current Techniques in Spine Surgery. UCSF, San Francisco, CA January 23, 2009.

Keynote Speaker, Orthopaedic Symposium, Zhejiang University, Hangzhou, China November 3, 2012

Keynote Speaker, 107th forum for the Chinese Academy of Engineering-Medical Division, Hangzhou, CHINA October 11, 2013

Keynote Speaker, Orthopaedic Grand Rounds, Beijing Chaoyang Hospital, Capital Medical University of China, Beijing, China October 16, 2013.

Featured Speaker and Surgeon, Webcast to Tehran University Medical School, Presentation and Live Surgery discussion, Global Orthopaedic Alliance for Learning, Santa Monica, CA March 17, 2014.

Featured Speaker. Becker's National ASC Meeting. Chicago, IL June 12 to June 14, 2014.

Keynote Speaker, King Faisal University Medical Center, Riyadh, Saudi Arabia. Orthopaedic Grand Rounds, "Minimally Invasive Spinal Surgery." December 2014.

COMMITTEES, UCLA Hospital

Surgical Case Review Committee, 2003 - present

Emergency Room Committee, 2003 - 2008

Surgery Committee, 2004 - present

Executive Medical Board, 2009 – 2011

Utilization Review Committee, 2009 – present

Quality Outcomes Committee, 2012 – present

RESEARCH ACTIVITIES and CLINICAL TRIALS

Landmark assignment for pedicle screw placement; 1991-1992. Preceptor: Michael F. Schafer, M.D. Northwestern University, Department of Orthopaedic Surgery.

Growth Response of bone to TGF- β ; 1992-1993. Preceptor: Michael F. Schafer, M.D. Northwestern University, Department of Orthopaedic Surgery.

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Clinical Applications of Bone Morphogenetic Protein (BMP); 1995-1997. Preceptor: Marshall R. Urist, M.D. UCLA Bone Research Lab.

Rabbit interbody fusion model; 1997-2000. Preceptor: James Zucherman, M.D. San Francisco Spine Center.

Pseudarthrosis model in rat spine; 2001-present. UCLA School of Medicine.

Inductive potential of various bone allografts; 2003-present. UCLA School of Medicine.

Laminoplasty and its efficacy as compared to Laminectomy; 2004. UCLA School of Medicine.

The use of a new expandable cage device (Synex) in treatment of Vertberal body fractures, tumors and infection; 2004. UCLA School of Medicine.

Comparison of PEEK implants to allograft in the TLIF applications, 2005.

Co-Investigator; Use of Compression Resistant Matrix as a carrier for BMP-2 in Posterolateral Lumbar Fusion. Completed 2007.

Co-investigator; Anti-adhesive barrier in treatment of post-operative epidural scarring. Completed 2007.

Prinicipal Investigator; X Stop Interspinous Spacer FDA 5 year outcome study, 2007-2012

Medical Director, Superion FDA Clinical Trial, 2009-Present

Long-term follow-up of hBMP patient implanted at UCLA, 2012

Anatomy of Sacroiliac joint and anomalies complicating implantation for fusion, 2012

Incidence of spine injuries in the entertainment industry, 2012

Spinal Laminar Thickness with aging, 2013

Prevalence of thoracic scoliosis in asymptomatic adult population, 2014

UCLA SPINE SURGERY FELLOWSHIP TRAINEES

Robert Boyce, M.D. 8/1/2001-7/31/2002
Present position: Spine Surgeon; Atlanta, Georgia

Patrick Suen, M.D. 8/1/2002-7/31/2003
Present position: Attending Surgeon, Permanente Medical Group, Oakland, California

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Thomas Mroz, M.D. 8/1/2002-7/31/2003
Present position: Associate Professor, Cleveland Clinic, Cleveland, Ohio

Mukund Gundanna, M.D. 8/1/2003-7/31/2004
Present position: Attending Surgeon, Private Practice. Dallas, Texas.

Eric Wieser, M.D. 8/1/2003-7/31/2004
Present position: Attending Surgeon, Private Practice. Dallas, Texas.

Kenneth Lee, M.D. 8/1/2004-7/31/2005
Present position: Attending Surgeon, Private Practice. Dallas, Texas.

Steven Lee, M.D. 8/1/2004-7/31/2005
Present position: Attending Surgeon, Private Practice. Walnut Creek, California

Thomas Scioscia, M.D. 8/1/2005-7/31/2006
Present position: Attending Surgeon, Private Practice. West Virginia, Virginia

Gannon Randolph, M.D. 8/1/2005-7/31/2006
Present position: Attending Surgeon, Private Practice. Boise, Idaho

Correy Wallach, M.D. 8/1/2006-7/31/2007
Present Position: Attending Surgeon, Arlington Orthopaedics. Arlington, VA

Andelle Teng, M.D. 8/1/2006-7/31/2007
Present Position: Attending Surgeon, Cascade Orthopaedics. Auburn, WA

Joseph J. Kim, M.D. 8/1/2007-7/31/2008
Present Position: Attending Surgeon, West End Orthopaedics. Richmond, VA

Scott Daffner, M.D. 8/1/2007-7/31/2008
Present Position: Assistant Professor, West Virginia University. Morgantown, VA

Scottt McGovern, M.D. 8/1/2008-7/31/2009
Present Position: Attending Surgeon, Peninsula Orthopaedics. Salisbury, MD

Winston Fong, M.D. 8/1/2008-7/31/2009
Present Position: Attending Surgeon, McBride Clinic, Oklahoma City, OK

Rahul Bashou, M.D. 8/1/2009-7/31/2010
Present Position: Attending Surgeon, Riverside County Medical Center, CA

Alex Gitelman, M.D. 8/1/2009-7/31/2010
Present Position: Attending Surgeon, Dobbs Ferry, NY

Mark Mikhael, M.D. 8/1/2010-7/31/2011
Present Position: Attending Surgeon, Chicago, IL

Christopher Wolf, M.D. 8/1/2010-7/31/2011
Present Position: Attending Surgeon, Seattle, WA

Brandon Rebholz, M.D. 8/1/2011-7/31/2012
Present Position: Attending Surgeon, Milwaukee, WI

Beck McAllister, M.D. 8/1/2011-7/31/2012
Present Position: Attending Surgeon, New Orleans, LA

Sandeep Gidvani, M.D. 8/1/2012-7/31/13
Position Gained: Private Practice, Northern CA

Babak Khamsi, M.D. 8/1/2012-7/31/13
Position Gained: Private Practice, Riverside, CA

PUBLICATIONS

Peer Reviewed Journals:

1. Urist, M.R., Behnam, K., Kerendi, F., Raskin, K., Nuygen, T., Shamie, A.N., Malinin, T. Lipids Closely Associated with Bone Morphogenetic Protein (BMP) And Induced Heterotopic Bone Formation: With preliminary observations of deficiencies in lipid and osteoinduction in lathyrisms. Connective Tissue Research 36(1): 9-20, 1997.
2. Urist, M. R., Maeda, H., Shamie, A.N., Teplica, D. Endogenous Bone Morphogenetic Protein Expression In Transplants of Urinary Bladder. Plastic and Reconstructive Surgery 101(2): 408-415, 1998.
3. Wang JC, Kabo JM, Tsou PM, Halevi L, Shamie AN. The effect of uniform heating on the biomechanical properties of the intervertebral disc in a porcine model. Spine J. 2005 Jan-Feb;5(1):64-70.
4. Tsou PM, Wang J, Khoo L, Shamie AN, Holly L. A thoracic and lumbar spine injury severity classification based on neurologic function grade, spinal canal deformity, and spinal biomechanical stability. Spine J. 2006 Nov-Dec;6(6):636-47.
5. Lin EL, Lieu V, Halevi L, Shamie AN, Wang JC. Cervical epidural steroid injections for symptomatic disc herniations. J Spinal Disord Tech. 2006 May;19(3):183-6.

6. Holly LT, Moftakhar P, Khoo LT, Wang JC, Shamie AN. Minimally invasive 2-level posterior cervical foraminotomy: preliminary clinical results. *J Spinal Disord Tech.* 2007 Feb;20(1):20-4.
7. Alanay A, Vyas R, Shamie AN, Sciocia T, Randolph G, Wang JC. Safety and efficacy of implant removal for patients with recurrent back pain after a failed degenerative lumbar spine surgery. *J Spinal Disord Tech.* 2007 Jun;20(4):271-7.
8. Alanay A, Wang JC, Shamie AN, Napoli A, Chen C, Tsou P. A novel application of high-dose (50kGy) gamma irradiation for demineralized bone matrix: effects on fusion rate in a rat spinal fusion model. *Spine J.* 2007 August.
9. Holly LT, Moftakhar P, Khoo LT, Shamie AN, Wang JC. Surgical outcomes of elderly patients with cervical spondylotic myelopathy. *Surg Neurol.* 2008 Mar;69(3):233-40.
10. Kulig K, Beneck GJ, Selkowitz DM, Popovich JM Jr, Ge TT, Flanagan SP, Poppert EM, Yamada KA, Powers CM, Azen S, Winstein CJ, Gordon J, Samudrala S, Chen TC, Shamie AN, Khoo LT, Spoonamore MJ, Wang JC; Physical Therapy Clinical Research Network (PTClinResNet). An intensive, progressive exercise program reduces disability and improves functional performance in patients after single-level lumbar microdisectomy. *Phys Ther.* 2009 Nov;89(11):1145-57. Epub 2009 Sep 24.
11. Hong SW, Lee SH, Khoo LT, Yoon SH, Holly LT, Shamie AN, Wang JC. A Comparison of fixed-hole and slotted-hole dynamic plates for anterior cervical disectomy and fusion. *J Spinal Disord Tech.* 2010 Feb;23(1):22-6.
12. Tsou P, Daffner SD, Holly LT, Shamie AN, Wang JC. A Comprehensive Subaxial Cervical Spine Injury Severity Assessment Model Using Numeric Scores and Its Predictive Value for Surgical Intervention. *J Neurotrauma.* 2011 Oct 12.
13. Mikhael M, Wolf CF, Shamie AN, Wang JC. Minimally Invasive Techniques for the Posterior Cervical Spine: Foraminal Decompression and Instrumented Fusion. *Oper Tech Orthop* 21:240-244. 2011.
14. Tsou PM, Daffner SD, Holly LT, Shamie AN, Wang JC. A comprehensive subaxial cervical spine injury severity assessment model using numeric scores and its predictive value for surgical intervention. *J Neurotrauma.* 2012 Feb 10;29(3):469-78.
15. Heyrani N, Picinic Norheim E, Elaine Ku Y, Nick Shamie A. Interspinous Process Implantation for the Treatment of Neurogenic Intermittent Claudication. *Anesth Pain.* 2012;2(1):36-41.

16. Smith AG, Capobianco R, Cher D, Rudolf L, Sachs D, Gundanna M, Kleiner J, Mody MG, Shamie AN. Open versus minimally invasive sacroiliac joint fusion: a multi-center comparison of perioperative measures and clinical outcomes. *Ann Surg Innov Res.* 2013 Oct 30;7(1):14.
17. Lugo JP, Saiyed ZM, Lau FC, Molina JP, Pakdaman MN, Shamie AN, Udani JK. Undenatured type II collagen (UC-II(R)) for joint support: a randomized, double-blind, placebo-controlled study in healthy volunteers. *J Int Soc Sports Nutr.* 2013 Oct 24;10(1):48.
18. Sachs D, Capobianco R, Cher D, Holt T, Gundanna M, Graven T, Shamie AN, Cummings J Jr. One-year outcomes after minimally invasive sacroiliac joint fusion with a series of triangular implants: a multicenter, patient-level analysis. *Med Devices (Auckl).* 2014 Aug 28;7: 299-304.
19. Yao Q, Wang JC, Shamie AN, Lord E, Cohen Y, Zheng S, Wei B, Guo Y, Hu W, Yan J, Zhang D, Wang L. The effects of a semiconstrained integrated artificial disc on zygapophyseal joint pressure and displacement. *Spine (Phila Pa 1976).* 2014 Dec 1;39(25):E1510-7.
20. Yao Q, Wei B, Liu N, Li C, Guo Y, Shamie AN, Chen J, Cheng T, Jin C, Xu Y, Bian X, Zhang X, Wang L. Chondrogenic regeneration using bone marrow clots and a porous polycaprolactone-hydroxyapatite scaffold by 3D printing. *Tissue Eng Part A.* 2014 Dec 20.
21. Yao Q, Wei B, Liu N, Li C, Guo Y, Shamie AN, Chen J, Tang C, Jin C, Xu Y, Bian X, Zhang X, Wang L. Chondrogenic regeneration using bone marrow clots and a porous polycaprolactone-hydroxyapatite scaffold by three-dimensional printing. *Tissue Eng Part A.* 2015 Apr;21(7-8):1388-97.
22. Yazdanshenas H, Madadi F, Madadi F, Washington ER 3rd, Jones K, Shamie AN. Patellar tendon donor-site healing during six and twelve months after Anterior Cruciate Ligament Reconstruction. *J Orthop.* 2015 Jun 23;12(4):179-83.
23. Chen JB, Kim AD, Allan-Blitz L, Shamie AN. Prevalence of thoracic scoliosis in adults 25 to 64 years of age detected during routine chest radiographs. *Eur Spine J.* 2015 Sep 2.
24. Zhang H, Ajiboye RM, Shamie AN, Wu Q, Chen Q, Chen W. Morphometric measurement of the lumbosacral spine for minimally invasive cortical bone trajectory implant using computed tomography. *Eur Spine J.* 2015 Sep 5.
25. Ajiboye RM, Nelson SD, Shamie AN. Rare case of conus medullaris syndrome from a metastatic yolk sac tumor originating from the mediastinum of an adult male: a case report and review of the literature. *Int J Spine Surg.* 2015 Nov 6;9:59.

26. Shamie, AN, Yazdanshenas, H, Johnson, E. Safety and Efficacy of hBMP: long term followup study. SUBMITTED
27. Hamed Shalika; Sean L Borkowski,; Juan Pablo Villablanca; Sophia N Sangiorgio; Edward Ebramzadeh; Arya Nick Shamie. Laminar Thickness: A Potential Contributing Factor in the Pathogenesis of Lumbar Spinal Stenosis. SUBMITTED

Text Books:

1. Sayler, M and Shamie, AN. The Encyclopedia of the Back and Spine Systems and Disorders. Facts on File NY 2007.

Book Chapters:

1. Shamie, AN, Wang J. Use of allograft material in spine surgery. Orthopaedic Knowledge Update Spine Vol. 3 2006
2. Shamie, AN, Wang J. Complications of iliac bone graft harvest in spine surgery. AAOS Monograph. 2006
3. Shamie, AN, Introduction to Spinal Disorders In. The Encyclopedia of the Back and Spine Systems and Disorders by Mary Harwell Sayler, Editing and Foreword by Arya Nick Shamie, M.D. Library of Health and Living Set, 45-Titles: 46-Volumes
4. Shamie, AN. Minimally Invasive Microdiscectomy In. Advanced Reconstruction: Spine. AAOS Educational Series. In Press
5. Wolf, C; Shamie, A.N. Interspinous process implants. In: Lumbo-Sacral and Pelvic Procedures. Edited by Drs. Kim, Vaccaro, Whang, Kim, and Kim.
6. Park, H; Park, D; Shamie, AN. Interspinous process implants. In: Lumbo-Sacral and Pelvic Procedures. Edited by Drs. Kim, Vaccaro, Whang, Kim, and Kim (3rd Ed.). IN PRESS

Invited Manuscripts:

1. Shamie, A.N. Science Fiction Becomes a Reality: the use of Bone Morphogenetic Protein in Orthopedics. Orthopedics 24(7): 695-697,1999.
2. Shamie AN, Mroz T, Suen P, Wang J. Minimally Invasive Spinal Surgery. Operative Techniques in Orthopaedics, 13 (3): 202-206; 2003

3. Suen P, Mroz T, Shamie AN, Wang J The Role of Laminoplasty in treating cervical myelopathy. Operative Techniques in Orthopaedics, 13 (3): 171-187; 2003
4. Mroz T, Suen P, Shamie AN, Wang J Bone Graft Substitutes in Spinal Surgery. Operative Techniques in Orthopaedics, 13 (3): 146-151; 2003

Abstracts:

1. Shamie, A.N., Johnson, E.E., Lane, J.M., Finerman, G.A.M., Urist, M.R. Safety And Efficacy of Human Bone Morphogenetic Protein (hBMP) In The Treatment Of Resistant Non-Unions And Failed Arthrodeses. Orthopaedic Transactions: JBJS 21:1, 1997.
2. Sandhu, H.S., Kanim, L., Shamie, A.N., Lane, J.M., Dawson, E., Urist, M.R. Human Spinal Fusions with purified Bone Morphogenetic Protein: Short term and ten year follow-up. Orthopaedic Transactions: JBJS 21:1, 1997.
3. Shamie AN, Zucherman J, Drzala M, Hsu K, Bailey S, Chang D Roche J. BMP-Induced interbody fusion of rabbit spine. ISSLS, 1999.
4. Ramirez R, Shamie AN, Wang J, Lanman T, Hopkins T, Halevi L. Effectiveness of Laminoplasty for Treating Cervical Myelopathy : A Retrospective Study. STTP, 2004.
5. Shamie AN, Aboudi S, Khoo L, Wang J. Lumbar Microdiscectomy Comparing Minimally Invasive Tubular Retractors Versus Standard Retractors. NASS 2004.
6. Gamradt S, Hsu W, Mroz T, Luna M, Suen P, Shamie AN, Lieberman J, Wang J. Lumbar Pseudarthrosis Model in Athymic Rats. NASS 2004.
7. Shamie AN, Aboudi S, Khoo L, Wang J. Lumbar Microdiscectomy Comparing Minimally Invasive Tubular Retractors Versus Standard Retractors. AAOS 2005.
8. Lalezarian M, Shamie AN, Holly L, Khoo L, Wang J. Comparison of Polyethyleneketone (PEEK) material vs. Allograft material in Single Level Lumbar Interbody Fusion. STTP 2005.
9. Wang J, Shamie AN, Napoli A. A comparison of the osteoinductive ability of allograft bone after treatment with a novel radiation technique versus peroxide in a rodent spinal fusion model. NASS 2005.
10. Shamie AN, Tsou P, Napoli A, Wang J. The Efficacy Of A Novel Commercially Available Demineralized Bone Matrix Substance In An Athymic Rat Model. IMAST 2006.

11. Shamie AN, Tsou P, Napoli A, Wang J. The Efficacy Of A Novel Commercially Available Demineralized Bone Matrix Substance In An Athymic Rat Model. AAOS 2006.
12. Scioscia T, Randolph G, Shamie AN, Wang J. The Relationship of Smoking to Need for Subsequent Arthrodesis after Lumbar Discectomy. NASS 2006.
13. Lam Sandi, Khoo L, Holly L, Wang J, Shamie AN. A long-term clinical outcome analysis of minimally invasive cervical foraminotomy for the treatment of cervical radiculopathy. Spine Across the Sea 2006.
14. Cooke S, Rogozinski C, Rogozinski D, Shamie AN, Schneider P. Lumbar Spine Motion Before and After Posterior Insertion of a Lumbar Disc Replacement. SAS 2007.
15. Shamie AN. A Safe Technique For Fixation Of The C2 Vertebrae: The Intralaminar Screw. AANS 2007.
16. Shamie AN. A Safe Technique For Fixation Of The C2 Vertebrae: The Intralaminar Screw. ACSS 2007.
17. Shamie AN. A Safe Technique For Fixation Of The C2 Vertebrae: The Intralaminar Screw. AAOS, San Francisco, CA 2007.

INTERNATIONAL PRESENTATIONS

Use of BMP in Spine Surgery. Instituto Orthopedico Galeazzi, Milan, Italy. February 1, 2003.

Shamie AN, Tsou P, Napoli A, Wang J. The Efficacy Of A Novel Commercially Available Demineralized Bone Matrix Substance In An Athymic Rat Model. IMAST 2006.

Shamie AN Use of Reduction Techniques for treatment of rigid scoliosis. Spine Summit. Gene, France 2008.

Shamie AN, Minimally Invasive Cervical Spine Surgery, Spine Society Meeting, Zhejiang University, Hangzhou, CHINA, 2012

Shamie, AN Minimally Invasive Spinal Surgery. Keynote speaker. Saudi Orthopaedic Surgery Board of Examiners meeting. Jeddah, Saudi Arabia 2014

Shamie, AN. Avoiding Complications in Spine Surgery, Zhejiang Province Orthopaedic Conference, Zhejiang, China, 2015

Shamie, AN. Laminar Thickness in Lumbar Stenosis, Zhejiang Province Orthopaedic Conference, Zhejiang, China, 2015

NATIONAL PRESENTATIONS

Shamie, A.N., Johnson, E.E., Lane, J.M., Finerman, G.A.M., Urist, M.R. Safety And Efficacy of Human Bone Morphogenetic Protein (hBMP) In The Treatment Of Resistant Non-Unions And Failed Arthrodeses. Abstract presented at the Hospital of Special Surgery Alumni Day Meeting, New York, NY, 1996.

Sandhu, H.S., Kanim, L., Shamie, A.N., Lane, J.M., Dawson, E., Urist, M.R. Human Spinal Fusions with purified Bone Morphogenetic Protein: Short term and ten year follow-up. Poster presented at the AAOS 1997 Annual Meeting.

Sandhu, H.S., Kanim, L., Shamie, A.N., Lane, J.M., Dawson, E., Urist, M.R. Human Spinal Fusions with purified Bone Morphogenetic Protein: Short term and ten year follow-up. Abstract presented at the AAOS 1997 Annual Meeting.

Shamie, A.N., Johnson, E.E., Lane, J.M., Finerman, G.A.M., Urist, M.R. Safety And Efficacy of Human Bone Morphogenetic Protein (hBMP) In The Treatment Of Resistant Non-Unions And Failed Arthrodeses. Abstract presented at the AAOS 1997 Annual Meeting.

Shamie, A.N., Johnson, E.E., Finerman, G.A.M., Urist, M.R. Human Bone Morphogenetic Protein (hBMP) In The Treatment Of Resistant Non-Unions. Abstract presented at the Research

Shamie, A.N. Surgical Treatment of Neck and Back Pain. UCLA Educational Seminars; Santa Monica, CA. September 24, 2001. Day, St. Mary's Medical Center, 1997.

Shamie, A.N., Johnson, E.E., Finerman, G.A.M. The UCLA experience: Human Bone Morphogenetic Protein (hBMP) In The Treatment Of Resistant Non-Unions. Abstract presented at the International BMP Conference, Sacramento, CA, 1997.

Shamie, A.N. BMP: Current Concepts and Developments. St. Mary's Spine Center, San Francisco, CA, Dec 1997.

Shamie, A.N., Zucherman, J., Drzala, M., Bailey, S., Hsu, K., Chang, D. BMP-Induced Interbody Fusion Model in Rabbits. Abstract presented at the Research Day, St. Mary's Medical Center, San Francisco, CA, 1998.

Shamie, A.N. Vertebral Compression Fractures: Vertebroplasty and Kyphoplasty. Grand Rounds, UCLA Department of Orthopaedic Surgery. 2001.

Shamie, A.N. New and Future Technologies in Spinal Surgery. Management of Workplace Spinal Injuries; Orthopaedic Hospital, Los Angeles. September 28, 2001.

Shamie, A.N. AO Principles Related to Spine Surgery. AO Basic Spine Course; Los Angeles. Oct. 6, 2001.

Shamie, A.N. Diagnosis and Treatment of Spinal Disorders. UCLA Symposium: Update on the treatment of spinal disorders; Lancaster, CA. June 12, 2002.

Shamie, A.N. Current Principles of Anterior Cervical Plate Fixation. Depuy Cadaver Course, UCLA. July 2002

Shamie, A.N. Anterior Lumbar Fusion techniques. Depuy Cadaver Course, UCLA. July 2002

Shamie, A.N. The biology of bone graft incorporation. Musculoskeletal Transplant Foundation course, Santa Monica, CA. July 2002

Shamie, A.N. Rheumatology Grand Rounds: Vertebral Compression Fractures and minimally invasive surgical treatments; Los Angeles, CA. September 2002.

Shamie, A.N. UCLA Symposium: Update on the treatment of spinal disorders; Ventura, CA. November 2002.

Shamie, A.N. AO Advanced Spine Course: Anterior Lumbar Interbody Fusion; Las Vegas, Nevada. March 2003

Shamie, A.N. AO Degenerative Spine Course: Cervical Myelopathy. Coronado, CA. July 2003.

Shamie, A.N. AO Degenerative Spine Course: Cervical disc herniation and radiculopathy. Coronado, CA. July 2003.

Shamie, A.N. AO Degenerative Spine Course: Posterior cervical microforaminotomy. Coronado, CA. July 2003.

Shamie, A.N. AO Degenerative Spine Course: Indications of fusion for lumbar degenerative disc disease. Coronado, CA. July 2003.

Shamie, A. N. Annual Spine Symposium (EBI): Circumferential Lumbar Fusion; New York, NY. December 2003.

Shamie, A.N. Dawson Memorial Lectureship (EBI): Management of Vertebral Compression Fractures; Las Vegas, NV. April 2004.

Shamie, A. N. AO Spine Course: Evaluation and treatment of degenerative disc disease. Charleston, NC. May 2004.

Shamie, A.N. AO Spine Course: History of AO. Charleston, NC. May 2004.

Shamie, A. N. Kyphon Fellows Course. The minimally invasive correction of compression fractures, Kyphoplasty. Irvine, CA. August 2004.

Shamie, A.N. Centers of Excellence Lectureship (EBI): Efficacy of the Vu-Pass instrumentation in minimally invasive spine surgery. Santa Monica, CA. September 2004.

Shamie, A.N., Aboudi, S, Khoo, L, Wang, J. Microdiscectomy comparing the classic approach versus the new tubular retractors. NASS, Chicago, IL. October 2004.

S. Gamradt, W. Hsu, T. Mroz, M. Luna, P. Suen, N. Shamie, J. Lieberman, J. Wang Lumbar Pseudarthrosis Model In Athymic Rats. NASS, Chicago, IL. October 2004.

Shamie AN, Aboudi S, Khoo L, Wang J. Lumbar Microdiscectomy Comparing Minimally Invasive Tubular Retractors Versus Standard Retractors. AAOS 2005.

Lalezarian M, Shamie AN, Holly L, Khoo L, Wang J. Comparison of Polyethylethylene (PEEK) material vs. Allograft material in Single Level Lumbar Interbody Fusion. STTP 2005.

Wang J, Shamie AN, Napoli A. A comparison of the osteoinductive ability of allograft bone after treatment with a novel radiation technique versus peroxide in a rodent spinal fusion model. NASS 2005.

Shamie AN, Tsou P, Napoli A, Wang J. The Efficacy Of A Novel Commercially Available Demineralized Bone Matrix Substance In An Athymic Rat Model. IMAST 2006.

Shamie AN, Tsou P, Napoli A, Wang J. The Efficacy Of A Novel Commercially Available Demineralized Bone Matrix Substance In An Athymic Rat Model. AAOS 2006.

Scioscia T, Randolph G, Shamie AN, Wang J. The Relationship of Smoking to Need for Subsequent Arthrodesis after Lumbar Discectomy. NASS 2006.

Lam Sandi, Khoo L, Holly L, Wang J, Shamie AN. A long-term clinical outcome analysis of minimally invasive cervical foraminotomy for the treatment of cervical radiculopathy. Spine Across the Sea 2006.

Shamie AN. Interspinous Device Implantation for the Treatment of Intermittent Neurogenic Claudication. Seattle 2006

Cooke S, Rogozinski C, Rogozinski D, Shamie AN, Schneider P. Lumbar Spine Motion Before and After Posterior Insertion of a Lumbar Disc Replacement. SAS 2007.

Shamie AN. A Safe Technique For Fixation Of The C2 Vertebrae: The Intralaminar Screw. AANS 2007.

Shamie AN. Interspinous Device Implantation for the Treatment of Intermittent Neurogenic Claudication. Beverly Hills, CA 2007

Shamie AN. A Safe Technique For Fixation Of The C2 Vertebrae: The Intralaminar Screw. Am. Col. Spine Surgery 2007.

Shamie AN. Interspinous Device Implantation for the Treatment of Intermittent Neurogenic Claudication. Houston, TX 2007.

Shamie AN. A Safe Technique For Fixation Of The C2 Vertebrae: The Intralaminar Screw. Am. Academy of Orthopaedic Surgery. San Francisco, CA 2008.

Tsou PM, Wang J, Shamie AN, Khoo L, Holly L. A cervical injury severity classification based on neurologic function grade, spinal canal deformity, and spinal biomechanical stability. CSRS 2009

Yazdanshenas, H., AN. Shamie, K. Azari. Treatment And Post-Surgery Functional Outcome Of Spaghetti Wrist. Western Orthopaedic Association Annual Meeting 2015.

Yazdanshenas, H., AN. Shamie, ER. Washington. Outcome Of Hip Fracture Care In Elderly Patients in A Senior Managed Care System. Western Orthopaedic Association Annual Meeting 2015.

Yazdanshenas, H., AN. Shamie. Long-Term Safety And Efficacy Of Human Bone Morphogenetic Protein (hBMP) In The Treatment Of Resistant Non-Unions And Failed Arthrodesis. Western Orthopaedic Association Annual Meeting 2015.

TV and Radio Appearances

“Medical Section” Fox News LA

Discussed a novel treatment option for spinal stenosis

Aired July 2008

http://www.myfoxla.com/dpp/story/Living_with_Back_and_Leg_Pain_20080725

“Modern Marvels” History Channel

Presented various aspects of spine surgery

Being aired on a rotating schedule

“Bone and Joint Health Pointers” ABC Station, Rochester, MN

Discussed ways to maintain bone and joint health.

Aired April 2009

<http://www.youtube.com/watch?v=j218rxZ63s4&feature=channel>

A. N. Shamie, MD

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“Critical Condition” PBS Documentary on medically indigent care in the US

Performed a complex spinal deformity surgery “pro bono” at UCLA

Aired nationally on PBS, September 2008 and

Paul Moyer Show August 2009

<http://www.pbs.org/pov/criticalcondition/>

“Back Pain: Types and Treatments”

Guest Speaker on a Q&A segment on back pain.

Public Radio, Airtalk, 89.3 KPCC, January 14, 2010

<http://www.scpr.org/programs/airtalk/2010/01/14/back-pain-types-and-treatments/>

“Novel Treatments for lumbar spinal stenosis”

The Doctor’s TV show.

CBS, Broadcasted Nationally, Feb 2012

“Live Surgical Telecast”

SoCal Orthopaedic Educational Network > Multi-national viewership

NLM and US Dept. of Treasury Approved event, March 2014

MISCELLANEOUS/COMMUNITY SERVICE

IRTV International Broadcast- Live Q&A, Spinal Disorders, November 2001.

UCLA Vital Signs Publication- Use of BMP in Spinal Fusion Surgery, January 2003

UCLA Vital Signs Publication- Kyphoplasty in the Treatment of Spinal Fractures,
January 2003.

Board of Directors, Brentwood Homeowners Association, Oct 2003- present.

Alternate member, Board of Directors, Brentwood Community Council (BCC), 1/06-4/07

BHA Representative, Board of Directors, Brentwood Community Council, 4/07-4/08

LA Marathon, Medical Team Volunteer, March 2011

Heal the Bay, Santa Monica Bay Clean up, September 2013

Teen Cancer America, medical liaison, August 2014.