CURRICULUM VITAE HOWARD M. PLACE, M.D.

EDUCATION:

Polytechnic Preparatory Country Day School

Brooklyn, New York Graduated 1975

Undergraduate: United States Military Academy

West Point, New York

B.S., June 1979

Professional: Saint Louis University School of Medicine

St. Louis, Missouri M.D., May 1983

Graduate: Flexible Internship

Fitzsimons Army Medical Center

Aurora, Colorado

July 1, 1983 - June 30, 1984

Orthopaedic Surgery Residency Fitzsimons Army Medical Center

Aurora, Colorado

July 1, 1984 - June 30, 1988

Extended Rotation in Pediatric Orthopaedics

The Children's Hospital

Denver, Colorado

January 1, 1986 - October 31, 1986

Spine Surgery Fellowship Lakewood Orthopaedic Clinic

Lakewood, Colorado

April 29, 1991 - November 1, 1991

LICENSURE: Missouri Issued December 1986

Illinois Issued January 1989 (Inactive 1999)
Colorado Issued April 1985 (Inactive 2006)
Iowa Issued May 1995 (Inactive 2006)

CERTIFICATION: American Board of Orthopaedic Surgery

August 1990; recertified in 1999 and 2009

CURRENT POSITION AND ADDRESS:

Chief, Orthopaedic Surgery Saint Louis University Hospital 3635 Vista Avenue at Grand Blvd. P.O. Box 15250 St. Louis, Missouri 63110-0250 May 2011 – Present

Professor and Vice-Chairman Department of Orthopaedic Surgery Saint Louis University January 2009 – Present

Professor Department of Orthopaedic Surgery Saint Louis University July 2004 – December 2008

Associate Professor Department of Orthopaedic Surgery Saint Louis University March 1997 – June 2004

Director of Orthopaedic Surgery Resident Education Program July 1999 – August 2012

Chairman, Orthopaedic Curriculum Committee July 2003 – August 2012

PREVIOUS PROFESSIONAL EXPERIENCE:

Staff Orthopaedic Surgeon General Leonard Wood Army Community Hospital Fort Leonard Wood, Missouri 65473 July 1988 - February 1990

Chief, Orthopaedic Surgery Service General Leonard Wood Army Community Hospital Fort Leonard Wood, Missouri 65473 February 1990 - July 1990

PREVIOUS PROFESSIONAL EXPERIENCE (Continued):

Chief, Orthopaedic Surgery Service 47th Field Hospital Operation Desert Shield/Storm August 1990 - March 1991

Staff Orthopaedic Surgeon Fitzsimons Army Medical Center Aurora, Colorado 80045 April 1991 - June 1995

Chief, Spine Surgery Section Orthopaedic Surgery Service Fitzsimons Army Medical Center Aurora, Colorado 80045 November 1991 - June 1995

Orthopedic Surgeon Iowa Medical Clinic, P.C. Cedar Rapids, Iowa 52401 August 1995 - February 1997

CLINICAL STAFF APPOINTMENTS:

Saint Louis University Hospital SSM Cardinal Glennon Children's Medical Center SSM St. Mary's Health Center Mercy Hospital St. Louis

PROFESSIONAL SOCIETY MEMBERSHIPS:

American Academy of Orthopaedic Surgeons
Missouri State Orthopaedic Association
North American Spine Society
Scoliosis Research Society
St. Louis Orthopaedic Society
Mid-Central States Orthopaedic Society, Inc. (Inactive)
Society of Military Orthopaedic Surgeons (Inactive)
St. Louis Spine Society
American Orthopaedic Association
Mid-America Orthopaedic Association
AOSpine

PROFESSIONAL SOCIETY COMMITTEE MEMBERSHIPS:

Scoliosis Research Society Program Committee Reviewer September 2014 – September 2017

Scoliosis Research Society
Morbidity and Mortality Committee
September 2010 – September 2014
Chairman – September 2013 – September 2014
Ex-Chairman – September 2014 – September 2015

Scoliosis Research Society Industry Relations Committee September 2009 – August 2013

SRS Instrumentation Committee September 2001 – October 2005 (Appointed Chairman – September 2004)

AAOS Practice Guidelines Committee for Low Back Pain October 2000 – December 2002

Member, Committee on Evaluations American Academy of Orthopaedic Surgeons February 1993 – February 2003 Chairman, Subcommittee on Adult Spine Self-Assessment Examination American Academy of Orthopaedic Surgeons February 1995 – February 2003

AAOS Evidence Analysis Spine Work Group October 1999 – May 2001

HOSPITAL COMMITTEE MEMBERSHIPS:

Quality Care Committee (1999-2001)
Procedure Care Review Committee (1999-2001)

Compassionate Care Committee (2000)

Hospital Medical Executive Committee (2002-2007)

At Large Member (2002-2003, 2/2008-Present)

Vice President (2003-2004)

Orthopaedic Specialty/OR Committee (2003-2007)

Medical Director of the Spine Program and the Low Back Pain Program (2004-Present)

HOSPITAL COMMITTEE MEMBERSHIPS (Continued):

Governing Board Committee (2004 – 3/2013)

Secretary/Treasurer of Governing Board (2010-2011)

Vice Chair of Governing Board (1/2011-2/2012)

Chair of Governing Board (3/2012 - 3/2013)

OR Block Subcommittee (11/2004-6/2007)

President-Saint Louis University Hospital Medical Staff (5/2005-6/2007)

Chairman-Saint Louis University Hospital OR Committee (2/2008 – 3/2012)

Preadmission Testing Committee (11/2010 – Present)

OR Steering Committee (1/2011 – Present)

Hospital Strategy Committee (2/2012 – Present)

UNIVERSITY COMMITTEE MEMBERSHIPS:

Otolaryngology Department Review (1998)

Managed Care Committee (2000)

Anesthesiology Department Review (2001)

Anesthesiology Chairman Search Committee (2002)

Practice Issues Committee (2004)

Steering Committee-Tenet Commitment to Quality (2004)

Anesthesiology Chairman Search Committee (2006)

Anesthesiology Chairman Search Committee (2012)

Chair, Internal Review Committee for Department of Pathology (2014)

VISITING PROFESSOR:

Sports Medicine Fellowship, West Point, NY,

(May 1993)

Trippler Army Medical Center, Honolulu, HI,

(April 1998)

University of Tennessee-Chattanooga,

(April 2003, December 2005)

Walter Reed National Military Medical Center,

Washington, D.C. (March 2012)

PROFESSIONAL DEVELOPMENT:

AOA – Kellogg Leadership Series Module 5

Evanston, IL, November 20-22, 2009

AOA – Kellogg Leadership Series Module 7

Evanston, IL, April 20-22, 2012

COMMUNITY SERVICE:

Team Physician SLU Hockey Club (1998 – 2007)

Annunciation Parish School Board Member (1998 – 2004);

President (2000 – 2001)

Annunciation Parish School Technology Committee

Chairman (1998 - 2005)

Missouri Ice Hockey Official Association (2002 – Present)

Lector, Annunciation Parish (1999 – Present)

Eucharistic Minister, Annunciation Parish (2004-Present)

Parish Council, Annunciation Parish (2014-Present)

MEDICAL MISSIONS:

Haitian Medical Mission (2001, 2002, 2003, 2004, 2008, 2010, 2012)

Kenya Medical Mission (2006)

Medical Mission to CURE International, Santo Domingo, D.R.

(2007, 2008, 2009, 2010)

SLU/Orthopaedic Overseas mission to Malawi (9/22/14 -10/5/14)

Honduras Medical Mission (11/1/14 - 11/5/14)Honduras Medical Mission (3/7/15 - 3/14/15)

AWARDS:

St. Luke's Award – Saint Louis University Hospital - Nominated 1999, 2000 and 2005

St. Luke's Award – Cardinal Glennon Children's Hospital – Recipient 2002 Nominated 2012

Caring Physician Award – Saint Louis University Hospital - Recipient 2006

Caring Physician Award – Saint Louis University Hospital - Nominated 2007, 2010

Ambassador Choice Award – SSM Cardinal Glennon Children's Medical Center – Nominated 2015

PUBLICATIONS:

Ilyas H, **Place HM**, Puryear A, "A Comparison of Early Clinical and Radiographic Complications of Iliac Screw Fixation versus S2 Alar Iliac (S2AI) Fixation in the Adult and Pediatric Population", Journal of Spinal Disorders and Techniques, Volume 28, Issue 4, p E199-E205, May 2015

PUBLICATIONS (Continued):

Dreger T, **Place HM**, Mattingly T, Piper C, Brechbuhler J, "Analysis of Cervical Angiograms in Cervical Spine Trauma Patients, Does It Make a Difference?", <u>Journal of Spinal Disorders and Techniques</u>, 2014 August 1, [Epub ahead of print]

Hayes, A, **Place HM**, "Chronic Low Back and Left Lower Extremity Pain in an Elderly Woman", <u>Journal of Orthopaedic & Sports Physical Therapy</u>, 2013 September: 43(9):647, doi: 10.2519/jospt.2013.0417

Lonergan T, **Place HM**, Taylor P, "Acute Complications Following Adult Spinal Deformity Surgery in Patients Aged 70 Years and Older", <u>Journal of Spinal Disorders & Techniques</u>, 2012 October: doi: 10.1097/BSD.obo13e3182764a23

Lenarz, CJ, **Place HM**, "Evaluation of a New Spine Classification System: Does it Accurately Predict Treatment?", <u>Journal of Spinal Disorders & Techniques</u>, 2010 May: 23(3):192-196; doi: 10.1097/BSD.0b013e31819e30c1

Zehnder SW, Lenarz CJ, **Place HM** "Teachability and Reliability of a New Classification System for Lower Cervical Spinal Injuries", Spine, 2009 September 1: 34(19):2039-43

Lenarz CJ, **Place HM**, Lenke LG, Alander DH, Oliver D, "Comparative Reliability of Three Thoracolumbar Fracture Classification Systems", <u>Journal of Spinal Disorders and Techniques</u>, 2009Aug;22(6):422-7

Lenarz, CJ, Wittgen CM, **Place HM**, "Management of a Pregnant Patient with a Burst Fracture Causing Neurologic Injury: A Case Report", *J Bone Joint Surg Am.* 2009 Jul;91(7):1747-9. No abstract available. PMID: 19571098 [PubMed – indexed for MEDLINE]

Grisell MK, **Place HM**: "Face Tissue Pressure in Prone Positioning: A Comparison of Three Face Pillows While in the Prone Position for Spinal Surgery", <u>Spine</u>, 33(26): 2938-2941, December 2008

McMichael, J, **Place HM**, "Face Tissue Pressures in Prone Positioning: A Comparison of Three Pillows", Journal of Spinal Disorders and Techniques, 21(7): 508-513, October 2008

Zehnder SW, **Place HM**: "Vacuum-assisted Wound Closure in Postoperative Spinal Wound Infection". Orthopedics, 30(4): 267-272, April 2007

Place HM, Enzenauer RJ: "Cervical Spine Subluxation in Marfan Syndrome: A Case Report", electronic format only, *J. Bone Joint Surg. Am.* 88:2479-2482, November 2006. doi: 10.2106/JBJS.E.00445

PUBLICATIONS (Continued):

Quigley KJ, **Place HM**: "The Role of Debridement and Antibiotics in Gunshot Wounds to the Spine". *The Journal of TRAUMA® Injury, Infection, and Critical Care*, 60(4): 814-820, April 2006

Quigley KJ, Cortese CM, **Place HM**: "Cervical Degenerative Cyst Located Within the Body of C2: A Case Report and Review of the Literature". <u>Spine</u>, 31:E237-E240, April 2006

Place HM, editor of AAOS Spine Self Assessment Examination, 2003

Place HM, editor of AAOS Spine Self Assessment Examination, 2000

Sundaram M, **Place HM**, Shaffer WO, Martin DS: "Progressive Destructive Vertebral Sarcoid Leading to Surgical Fusion". Case Report. Skeletal Radiol 28:717-722, 1999.

Place HM, editor of AAOS Spine Self Assessment Examination, 1997

Place HM, Enzenauer RJ: "Patellar Fracture Due to Gout", <u>Journal of Clinical Rheumatology</u>, 3(3): 181-182, 1997.

Place HM, Ecklund JM, Enzenauer RJ: "Cervical Spine Injury in a Boxer: Should Mandatory Screening be Instituted?", <u>Journal of Spinal Disorders</u>, 9(1):64-67, February 1996.

Place HM, Enzenauer RJ, Muff BJ, Ziporin PJ, Brown CW: "Hypomagnesemia in Postoperative Spine Fusion Patients", Spine, 21(19): 2268-2272, October 1996

Place HM, Burkus JK: "Spine". Orthopedic Boards Review II: A Case Study Approach, T.S. Loth (Ed), 8:409-453, 1996.

Castello PH, **Place HM**, Hemler DE, Shannon SR, Simonds GR, Simons T: "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", <u>Journal of Spinal Disorders</u>, 8(6):444-450, December 1995.

Farber GL, **Place HM**, Mazur RA, Jones DEC, Damiano TR: "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", <u>Spine</u>, 20(13):1494-1499, July 1995.

Callahan BC, Coe R, **Place HM**: "Hodgkins Disease of the Spine Presenting as Alcohol-Related Pain. A Case Report and Review of the Literature", <u>Journal of Bone and Joint Surgery</u>, 76A(1): 119-121, January 1994.

Place HM, Donaldson DH, Brown CW, Stringer EA: "Stabilization of Thoracic Spine Fractures Resulting in Complete Paraplegia: A Long-Term Retrospective Analysis", <u>Spine</u>, 19:1726-1730, August 1994.

PUBLICATIONS (Continued):

West SG, Troutner JL, Baker MR, **Place HM**: "Sacral Insufficiency Fractures in Rheumatoid Arthritis", <u>Spine</u>, 19(18):2117-2121, September 1994.

Farber GL, **Place HM**, Mazur RA, Jones DEC, Damiano TR: "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", Abstract. Orthopaedic Transactions, 17(2):512, 1993

Place HM, Donaldson DH, Brown CW, Stringer EA: "Stabilization of Thoracic Spine Fractures Resulting in Complete Paraplegia: A Long-Term Retrospective Analysis", Abstract. Orthopaedic Transactions, 17(2):508, 1993.

Place HM, Brown CW, Donaldson DH, Odom JA Jr: "Eggshell Decompression of Spine Fractures". Abstract. Orthopaedic Transactions, 11(1):163-164, 1987.

ACADEMIC PAPERS:

Ilyas H, **Place HM**, Puryear A: "A Comparison of Early Clinical and Radiographic Complications of Iliac Screw Fixation Versus S2 Alar Iliac (S2AI) Fixation in the Adult and Pediatric Populations". Podium presentation at the North American Spine Society Annual Meeting, San Francisco, CA, November 12-15, 2014. Abstract listed as Value Award nominee.

Dreger T, **Place HM:** "Routine Analysis of Cervical Angiograms in Cervical Spine Trauma Patients". Podium presentation at the North American Spine Society Annual Meeting, New Orleans, LA, October 9-12, 2013

Dreger T, **Place HM**: "Analysis of Cervical Angiograms in Cervical Spine Trauma Patients, Does It Make a Difference?", presented at the Mid-America Annual Meeting, Bonita Springs, FL, April 17-21, 2013

O'Boynick C, **Place HM**, Lonergan T: "Clearing the C-Spine in Obtunded Trauma Patients Based on Admission CT: A Prospective Randomized Trial"

Chauhan V, Vukkadala N, **Place HM**, Sicking L, Segelhorst L, Armbrecht E, Guild C, Dalawari P, "Frequency and Mortality of Non-Contiguous Spine Fractures with CT Scan Use", abstract chosen for oral presentation for the SAEM Great Plains Regional Research Forum, St. Louis, MO, September 2011

Auer PB, Brown M, McMichael, J, **Place HM**, Sherrill J, Virgo K, Wittgen C: "Risk Factors for Vascular Complications During Anterior Approaches to the Spine for Orthopedic Procedures" and "The Role of Debridement and Antibiotics in Gunshot Wounds to the Spine"

Farber GL, Place HM, Brown CW: "Disc Herniation in Cervical Spine Fractures".

ACADEMIC PAPERS (Continued):

Farber GL, **Place HM**, Damiano TR: "Accuracy of Pedicle Screw Placement as Assessed by Computed Tomography versus Anatomic Dissection in Cadaver Spines".

Pace WT, Harrington LE, Place HM: "Accuracy of Military Electronic Databases for Research".

Place HM, Cozean KL: "Prevention of Pugil Stick Injuries to the Hand and Wrist".

Place HM, Cozean KL: "Upper Extremity Injuries Caused by Pugil Stick Training at Fort Leonard Wood, Missouri".

Place HM, Eilert RE: "Open Reduction in the Congenitally Dislocated Hip: The Children's Hospital Experience", 1975-1985.

Place HM, Messner DG, Shannon L: "Hip Flexor Release in Patients with Cerebral Palsy, Minimum Five Year Follow-up".

Place HM, Mologne T, Cope EE III, Hayda R, Wilson JN: "Complications in Total Joint Arthroplasty: An Epidemiologic Study at Fitzsimons Army Medical Center".

Pace WT, Harrington LE, **Place HM**: "The Routine Hospital-Assigned ICD-9-CM Database Coding for Total Joint Surgery are Inaccurate", study at Fitzsimons Army Medical Center, 1996.

REVIEWER:

Journal – Computer Aided Surgery

PRESENTATIONS:

- 1) "Eggshell Decompression of Spine Fractures", Barnard Orthopaedic Resident Research Competition, Denver, Colorado March 1986 (First Place Winner)
- 2) "Open Reduction in the Congenitally Dislocated Hip: The Children's Hospital Experience, 1975 1985", Children's Orthopaedic Day, Denver, Colorado April 1986.
- 3) "Eggshell Decompression of Spine Fractures", Spring Orthopaedic Day, Denver, Colorado May 1986
- 4) "Treatment of Itis and Injection Therapy of the Same", Family Practice Fall Seminar, Denver, Colorado October 1986
- 5) "Eggshell Decompression of Spine Fractures", Society of Military Orthopaedic Surgeons, Colorado Springs, Colorado November 1986

- 6) "New Instrumentation for Spine Fractures", American Orthopaedic Association, Residents' Conference Salt Lake City, Utah, March 1987
- 7) "Hip Flexor Release in Patients with Cerebral Palsy, Minimum Five Year Follow-up", Barnard Orthopedic Resident Research Competition, Denver, Colorado March 1987
- 8) "Hip Flexor Release in Patients with Cerebral Palsy, Minimum Five Year Follow-up", Children's Orthopaedic Day, Denver, Colorado April 1987 (First Place Winner)
- 9) "Wrist and Forearm Trauma", Spring Orthopaedic Day, Lakewood, Colorado May 1987
- 10) "Hip Flexor Release in Patients with Cerebral Palsy, Minimum Five Year Follow-up", Society of Military Orthopaedic Surgeons, San Diego, California November 1987
- 11) "Complications in Total Joint Arthroplasty: An Epidemiologic Study at Fitzsimons Army Medical Center", Society of Military Orthopaedic Surgeons, Williamsburg, Virginia December 1988
- 12) "Upper Extremity Injuries Caused by Pugil Stick Training at Fort Leonard Wood, Missouri", Society of Military Orthopaedic Surgeons, San Antonio, Texas December 1989
- 13) "Eggshell Decompression of Spine Fractures", Society of Military Orthopaedic Surgeons, San Antonio, Texas December 1989
- 14) "New Instrumentation for Spine Fractures", Rocky Mountain Chapter, American Association of Neuroscience Nurses Denver, Colorado, October 1991
- 15) "Prevention of Pugil Stick Injuries to the Hand and Wrist", Society of Military Orthopaedic Surgeons, El Paso, Texas November 1991.
- 16) "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", Colorado Spine Symposium, Denver, Colorado November 1992
- 17) "Stabilization of Thoracic Spine Fractures Resulting in Complete Paraplegia: A Long-Term Retrospective Analysis", Colorado Spine Symposium, Denver, Colorado November 1992
- 18) "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", Society of Military Orthopaedic Surgeons, Colorado Springs, Colorado December 1992
- 19) "Stabilization of Thoracic Spine Fractures Resulting in Complete Paraplegia: A Long-Term Retrospective Analysis", Society of Military Orthopaedic Surgeons, Colorado Springs, Colorado December 1992
- 20) "Low Back Pain in the Athlete", Sports Medicine Fellowship, (Visiting Professor), West Point, New York, May 1993

- 21) "Cervical Spine Trauma in the Athlete", Sports Medicine Fellowship, (Visiting Professor), West Point, New York, May 1993
- 22) "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", Rocky Mountain Chapter, Western Orthopaedic Association, Snowmass, CO, July 1993
- 23) "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", Rocky Mountain Chapter, Western Orthopaedic Association, Snowmass, Colorado August 1993
- 24) "Stabilization of Thoracic Spine Fractures Resulting in Complete Paraplegia: A Long-Term Retrospective Analysis", Rocky Mountain Chapter, Western Orthopaedic Association, Snowmass, Colorado August 1993
- 25) "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", Academy of Surgical Research, Breckenridge, CO, September 1993
- 26) "Stabilization of Thoracic Spine Fractures Resulting in Complete Paraplegia: A Long-Term Retrospective Analysis", Scoliosis Research Society, Annual Meeting, Dublin, Ireland September 1993
- 27) "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", Society of Military Orthopaedic Surgeons, Bethesda, Maryland, December 1993
- 28) "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", Society of Military Orthopaedic Surgeons, Bethesda, Maryland December 1993
- 29) "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", American Academy of Orthopaedic Surgeons (Scientific Exhibit), New Orleans, Louisiana, February 1994
- 30) "Accuracy of Pedicle Screw Placement in Lumbar Fusions by Plain Radiographs and Computed Tomography", American Academy of Orthopaedic Surgeons (Poster), New Orleans, Louisiana February 1994
- 31) "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", Mid-Central States Orthopaedic Society, Inc. (Winner) Steamboat Springs, Colorado, June 1994
- 32) "Disc Herniation in Cervical Spine Fractures", Rocky Mountain Chapter, Western Orthopaedic Association, Snowmass, Colorado, July 1994
- 33) "Disc Herniation in Cervical Spine Fractures", Scoliosis Research Society, Portland, Oregon, September, 1994
- 34) "Quantification of Lumbar Nerve Root Decompression Using Somatosensory Evoked Potential", North American Spine Society, Minneapolis, Minnesota, October 1994

- 35) "Disc Herniation in Cervical Spine Fractures", Society of Military Orthopaedic Surgeons Hilton Head, South Carolina November 1994
- 36) "Spondylolisthesis in the Athlete", Trippler Army Medical Center, (Visiting Professor), Honolulu, Hawaii, April 1998
- 37) "Gunshot Wounds to the Spine", Trippler Army Medical Center, (Visiting Professor), Honolulu, Hawaii, April 1998
- 38) "Neck Pain", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 6/3/98
- 39) "Resident Orientation", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 7/1/98
- 40) "Basic Science: Articular Cartilage", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 7/6/98
- 41) "Cervical Orthoses/Halo Application", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University, St. Louis, MO 7/15/98
- 42) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 7/29/98
- 43) "Basic Science: Articular Cartilage II", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, 10/5/98
- 44) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 10/28/98
- 45) "Basic Science: Bone Injury and Repair", Department of Orthopaedic Surgery, Saint Louis University School of Medicine, St. Louis, MO, 11/2/03
- 46) "Gunshot Wounds to the Spine", Colorado Spine Symposium, Lakewood, CO, 11/6/98
- 47) "The Non-Operative Treatment of Scoliosis in Adults: Does Anything Work?", St. Louis Spinal Deformity Conference, Washington University Medical Center, St. Louis, MO, 11/14/98
- 48) "The Spine in Sports", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 11/18/98
- 49) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 12/23/98

- 50) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 1/16/99
- 51) "Posterior Subaxial Cervical Spine Anatomy", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 52) "Principles of Posterior Subaxial Spine Stabilization Techniques", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 53) "Subaxial Cervical Spine Fracture Patterns", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 54) "Posterior Subaxial Wiring Techniques: Roger's Wiring Bohlman's Triple Wiring, Facet Wiring", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 55) "Posterior Lateral Mass Plate Techniques", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 56) "Southwick Facet Wiring Techniques and Multilevel Fusion" Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 57) "Posterior Iliac Crest Bone Graft Harvesting Technique" Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 1/21/99 1/24/99
- 58) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 1/27/99
- 59) "Osteoporosis and Good Bone Health" lecture for senior high school students, Perryville High School, Perryville, MO, 1/29/99
- 60) "Rheumatoid Cervical Spine", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO 2/3/99
- 61) "Spinal Cord Syndromes and Neurologic Scores", Department of Orthopedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 2/22/99
- 62) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 2/24/99
- 63) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 3/31/99
- 64) "Anterior Lumbar Interbody Fusion Lab" Minimally Invasive Spine Surgery #3503 AAOS Course, St. Louis, MO, 4/9/99 4/11/99

- 65) "Surgical Intervention of Acute Cervical Spinal Cord Injury" Spinal Cord Injury Symposium Department of Surgery/Division of Neurosurgery, Saint Louis University, St. Louis, MO, 4/10/99
- 66) "Surgical Interventions in Acute Cervical Spinal Cord Injury" Ninth Annual Neuroscience Symposium, St. Louis, MO, 4/10/99
- 67) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 4/17/99
- 68) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 5/26/99
- 69) "Transforaminal Lumbar Interbody Fusion Technique (TLIF) DePuy AcroMed Course, St. Louis, MO, 6/18/99 6/19/99
- 70) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 6/30/99
- 71) "Evaluation, Diagnosis and Treatment of Low Back Pain" second year physician assistant students, Saint Louis University, School of Allied Health Professions, 7/9/99
- 72) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 7/10/99
- 73) "Low Back Pain", Surgery Education, Saint Louis University School of Medicine, St. Louis, MO, 7/16/99
- 74) "Basic Science Lecture Articular Cartilage", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 7/19/99
- 75) "Ethics" Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 8/25/99
- 76) "Complications with Non-Operative Treatment of Spine Fractures", Scoliosis Research Society Educational Meeting, San Diego, CA, September 1999
- 77) "Basic Science Lecture Articular Cartilage", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 9/13/99
- 78) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 9/29/99
- 79) "Osteoporosis", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School

CURRICULUM VITAE

Howard M. Place, M.D.

of Medicine, St. Louis, MO, 9/29/99

- 80) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 10/27/99
- 81) "Assessment & Treatment of Disorders of the Spine", Physical Therapy Program at Maryville University, St. Louis, MO, 11/11/99
- 82) "Disorders of the Neck", Physical Therapy Program at Maryville University, St. Louis, MO, 11/11/99
- 83) "Lumbar Spinal Surgeries", Physical Therapy Program at Maryville University, St. Louis, MO, 11/11/99
- 84) "Disorders of the Neck" for senior physical therapy students, Musculoskeletal Pathology Class, Saint Louis University, St. Louis, MO, 11/12/99
- 85) "Lumbar Spinal Surgeries" for senior physical therapy students, Musculoskeletal Pathology Class, Saint Louis University, St. Louis, MO, 11/12/99
- 86) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 12/8/99
- 87) "Spine Infections", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 12/13/99
- 88) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 1/5/00
- 89) "Ethical Issues", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 1/5/00
- 90) "Scoliosis" lecture for pediatric residents, Cardinal Glennon Children's Hospital, St. Louis, MO, 1/6/00
- 91) "Disorders of the Neck and Spinal Surgeries", Physical Therapy Department, Saint Louis University, St. Louis, MO, 1/28/00
- 92) "The Diabetic Foot", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 2/7/00
- 93) "Low Back Pain" lecture for junior medical students, Surgery Education, Saint Louis University School of Medicine, St. Louis, MO, 2/8/00
- 94) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 2/9/00

- 95) "Pediatric Cervical Spine Disorders", Department of Orthopaedic Surgery Pediatric Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 2/11/00
- 96) "Principles of Bone Healing and Fusion", Comprehensive Spine for the New Millennium Course, Practical Anatomy Workshop, St. Louis, MO, 2/12/00
- 97) "Low Back Pain" lecture to junior students, Surgery Education, Saint Louis University School of Medicine, St. Louis, MO, 2/16/00
- 98) "The Child with Back Pain", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 2/28/00
- 99) "Complex Lumbopelvic Reconstruction", Annual Meeting, American Academy of Orthopaedic Surgeons (Poster Exhibit), Orlando, Florida, March 2000
- 100) "Spine Bifida", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 3/6/00
- 101) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 3/8/00
- 102) "Pediatric Cervical Disorders", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 3/8/00
- 103) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 4/15/00
- 104) "Evaluating and Treating Back Pain" for attending physicians and interns at Family Medicine of St. Louis, St. Louis, MO, 4/17/00
- 105) "Posterior Subaxial Cervical Spinal Anatomy", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 5/5/00
- 106) "Sublaminar Wiring and Cable Techniques", Spinal Fracture Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 5/5/00
- 107) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 5/10/00
- 108) "Scoliosis", Pediatric Conference, Cardinal Glennon Children's Hospital, St. Louis, MO, 5/19/00
- 109) "Gunshot Wounds to the Spine", Mid-Central States Meeting in St. Louis, MO, June 2000

- 110) "Low Back Pain" lecture for junior medical students, Surgery Education, Saint Louis University School of Medicine, St. Louis, MO 6/6/00
- 111) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 6/7/00
- 112) "Congenital Spine Deformity", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 6/7/00
- 113) "Application of the Halo Device", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 6/19/00
- 114) "Spondylolisthesis", Pediatric Conference, Cardinal Glennon Children's Hospital, St. Louis, MO, 6/23/00
- 115) "Kyphoplasty", Minimally Invasive Spine Surgery Course, Practical Anatomy Workshop, St. Louis, MO, 7/21/00 7/23/00
- 116) "Kyphoplasty", Practical Anatomy Workshop, St. Louis, MO, 8/18/00
- 117) "Rheumatoid Spine", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 9/6/00
- 118) "Disorders of the Neck", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/12/00
- 119) "Lumbar Spinal Surgeries", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/12/00
- 120) "Gunshot Wounds to the Spine", Scoliosis Research Society International Traveling Fellowship Tour, St. Louis, Missouri October 2000
- 121) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 10/4/00
- 122) "Scoliosis", CME Outreach Program, Southwest Medical Center, St. Louis, MO, 10/16/00
- 123) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 11/8/00
- 124) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 12/6/00
- 125) "Early Experience with KASS", 12th Isola Study Group Meeting, Phoenix, Arizona January 2001

- 126) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 1/10/01
- 127) "Principles of Total Shoulder Arthroplasty", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 1/15/01
- 128) "Idiopathic Scoliosis", Pediatric Grand Rounds, Cardinal Glennon Children's Hospital, St. Louis, MO, 2/2/01
- 129) "Orthopedics in Primary Care", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 2/2/01
- 130) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 2/14/01
- 131) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 3/7/01
- 132) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 4/11/01
- 133) "Soft Tissue Tumors", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 5/7/01
- 134) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 5/9/01
- 135) "Gunshot Wounds to the Spine", 2001 ASEAN Tour Spine Fellowship, Saint Louis University School of Medicine, St. Louis, MO, 6/6/01
- 136) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 6/13/01
- 137) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 7/14/01
- 138) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 7/18/01
- 139) "Anterior Thoracic Scoliosis Surgery", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 7/18/01
- 140) "Spine Orthotics, Halo Placement, Miami-J, TLSO", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 8/1/01

- 141) "Jackson Table", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 8/29/01
- 142) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 9/5/01
- 143) "Disorders of the Neck", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/11/01
- 144) "Lumbar Spinal Surgeries", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/11/01
- 145) "Scoliosis", Physical Therapy Department, Saint Louis University, St. Louis, MO, 10/2/01
- 146) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 10/3/01
- 147) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 11/14/01
- 148) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 12/5/01
- 149) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 1/9/02
- 150) "Spinal Infections", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 1/30/02
- 151) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 2/6/02
- 152) "Surgical Considerations for the Patient with Traumatic Cervical Spine Injury", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 3/1/02 3/3/02
- 153) Demonstration: Surgical Exposure & Instrumentation Techniques of the Anterior C-Spine, Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 3/1/02 3/3/02
- 154) "Traumatic Thoracic and Lumbar Spine Injuries-Surgical Indications and Techniques", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 3/1/02 3/3/02

- 155) Demonstration: Surgical Exposure of the Posterior Thoracolumbar Spine/Stabilization Techniques, Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 3/1/02 3/3/02
- 156) "Principles of Bone Healing & Fusion", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 3/1/02 3/3/02
- 157) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 4/3/02
- 158) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 4/6/02
- 159) "Use of the Microscope in Lumbar Spine Surgery", Minimally Invasive Spine Surgery Course, AAOS, St. Louis, MO, 4/12/02 4/14/02
- 160) "Fractures and M&M", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 5/8/02
- 161) "Bone Graft Choices", Cervical Spine Course, Practical Anatomy Workshop, St. Louis, MO, 7/12/02
- 162) "Spine and Spinal Cord Trauma", "Musculoskeletal Trauma" and "Spinal Cord Injury Assessment and Management", ATLS Course, Department of Surgery, Saint Louis University, St. Louis, MO, 7/13/02
- 163) "Bone Graft Principles", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO,7/17/02
- 164) "Clinical Presentation of the Back", first year students, Human Anatomy Course, Saint Louis University School of Medicine, St. Louis, MO, 8/16/02
- 165) "Non-Operative Treatment of Spine Fractures", Scoliosis Research Society International Traveling Fellowship Tour, St. Louis, MO, September 2002
- 166) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 9/11/02
- 167) "Scoliosis", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/27/02
- 168) "Complications in the Management of Spine Trauma", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 10/02/02

- 169) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 10/9/02
- 170) "Lumbar Interbody Fusion", Practical Anatomy Workshop, St. Louis, MO, 10/10/02 10/13/02
- 172) "Complications of the Lumbar Interbody Fusions", Practical Anatomy Workshop, St. Louis, MO, 10/10/02 10/13/02
- 173) "Disorders of the Neck" Physical Therapy Department, Saint Louis University, St. Louis, MO, 10/29/02
- 174) "Lumbar Spinal Surgeries", Physical Therapy Department, Saint Louis University, St. Louis, MO, 10/29/02
- 175) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 11/13/02
- 176) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 12/4/02
- 177) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 1/8/03
- 178) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 2/5/03
- 179) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 3/5/03
- 180) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 4/2/03
- 181) "Microdiskectomy and Far Lateral Diskectomy", Minimally Invasive Spine Surgery Course, St. Louis, MO, 4/4/03 4/6/03
- 182) "Surgical Back Pain for the Internist", University of Tennessee-Chattanooga, Internal Medicine Grand Rounds (Visiting Professor), Chattanooga, TN, 4/10/03
- 183) "Rheumatoid Cervical Spine", University of Tennessee-Chattanooga, Internal Medicine Grand Rounds (Visiting Professor), Chattanooga, TN, 4/10/03
- 184) "Rheumatoid Cervical Spine", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 4/16/03

- 185) "C-Spine Subaxial Fracture Patterns/Treatment" Advanced Techniques in Spinal Decompression Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 5/8/03
- 186) "C1-2 Fixation/Subaxial C-Spine Fixation", Advanced Techniques in Spinal Decompression Fixation Course, Practical Anatomy Workshop, St. Louis, MO, 5/8/03
- 187) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 5/14/03
- 188) "The Cervical Spine in RA", Arthritis/Immunology Conference, Saint Louis University, St. Louis, MO, 5/16/03
- 189) "Surgical Considerations for the Patient with Traumatic Cervical Spine Injury", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 5/16/03 5/18/03
- 190) Demonstration: Surgical Exposure & Instrumentation Techniques of the Anterior C-Spine, Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 5/16/03 5/18/03
- 191) "Traumatic Thoracic and Lumbar Spine Injuries-Surgical Indications and Techniques", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 5/16/03 5/18/03
- 192) Demonstration: Surgical Exposure of the Posterior Thoracolumbar Spine/Stabilization Techniques, Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 5/16/03 5/18/03
- 193) "Principles of Bone Healing & Fusion", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 5/16/03 5/18/03
- 194) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 6/11/03
- 195) "Cervical Spine Fracture Classification System", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 6/25/03
- 196) "Cervical Orthosis", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 7/24/03
- 197) "Low Back Pain" Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 7/31/03

- 198) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 8/6/03
- 199) "Clinical Aspects of the Back", Human Anatomy, Saint Louis University School of Medicine, St. Louis, MO, 8/15/03
- 200) "Low Back Pain", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 8/26/03
- 201) "Gunshot Wounds to the Spine", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, St. Louis, MO, 9/2/03
- 202) "Scoliosis", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/23/03
- 203) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 1/14/04
- 204) "Failed Degenerative Scoliosis Correction With Residual Coronal Plane And Sagittal Plane Imbalance", 18th Isola Study Group Meeting, Dallas, TX, 1/23/04 & 1/24/04
- 205) "Spondylolisthesis in the Athlete", Department of Orthopaedic Surgery Academic Conferences, Saint Louis University School of Medicine, 2/5/04
- 206) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 2/11/04
- 207) "Spondylolisthesis I", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 2/17/04
- 208) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 3/10/04
- 209) "Spondylolisthesis II", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 3/31/04
- 210) "Surgical Considerations for the Patient with Traumatic Cervical Spine Injury", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy Workshop, St. Louis, MO, 4/2/04 4/4/04
- 211) "Spine Fracture Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 4/6/04
- 212) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 4/14/04

- 213) "Posterior Subaxial C-Spine Stabilization", Advanced Techniques in Spinal Decompression and Fixation, hands-on cadaver workshop for neurosurgeons and orthopaedic surgeons, Practical Anatomy Workshop, St. Louis, MO, 4/16/04 4/18/04
- 214) "Current Treatment of Postoperative Spinal Wound Infections", Scoliosis Research Society, 2004 International Traveling Fellowship Academic/Social Program, Washington University School of Medicine, St. Louis, MO, 5/12/04 5/14/04
- 215) "Classification of Thoracolumbar Spine Fractures", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 5/25/04
- 216) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 8/11/04
- 217) "Examination of Cervical Spine X-rays", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 9/9/04
- 218) "Disorders of the L-Spine & Surgeries", Physical Therapy Department, Saint Louis University, St. Louis, MO, 9/14/04
- 219) "Disorders of C-Spine & Surgeries", Physical Therapy Department, Saint Louis University, St. Louis, MO, 10/26/04
- 220) "Basic Science Orthopaedic In-Training Exam (OITE) Review, Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 10/28/04
- 221) "Low Back Pain in the Young Athlete", Practical Pediatrics Course, presented by SSM Cardinal Glennon Children's Hospital and Saint Louis University School of Medicine, St. Louis, MO, 10/30/04
- 222) "Scoliosis: Idiopathic and Neurological", Physical Therapy Department, Saint Louis University, St. Louis, MO, 11/2/04
- 223) "Monarch Practice Audit", 20^{th} Isola Study Group Meeting, Miami, FL 1/21/05 1/22/05
- 224) "Complex Adult Scoliosis with Follow-Up", 20^{th} Isola Study Group Meeting, Miami, FL, 1/21/05 1/22/05
- 225) "Use of Wound Vac with Spinal Infections", 20^{th} Isola Study Group Meeting, Miami, FL, 1/21/05 1/22/05
- 226) "Early Instrumentation Loosening: The Case for the Torque Wrench", 20^{th} Isola Study Group Meeting, Miami, FL, 1/21/05-1/22/05

- 227) Posterior Subaxial C-Spine Stabilization demonstration, "Advanced Techniques in Spinal Decompression & Fixation Course at Practical Anatomy Workshop, St. Louis, MO, 3/18/05 3/20/05
- 228) Anatomy Series Finale, "The Cervical Spine", Anatomy Lab, Saint Louis University School of Medicine, 3/30/05
- 229) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 4/13/05
- 230) "Ethics", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 4/27/05
- 231) "Scoliosis Evaluation and Classification", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 5/5/05
- 232) "Scoliosis II: Classification & Treatment", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 6/28/05
- 233) "Cervical Spine Radiographs", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 7/19/05
- 234) "PMT Halo Application Lab" with Brian Sparger of PMT. Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 7/26/05
- 235) "Cervical Orthotics" Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 8/2/05
- 236) "Dural Tear Repair", The 11th Advanced Techniques in Cervical Spine Decompression and Stabilization Course, presented by Practical Anatomy Workshop & Surgical Education, St. Louis, MO, 8/6/05
- 237) "The Cervical Spine in Rheumatoid Arthritis", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 8/23/05
- 238) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 9/6/05
- 239) "Cervical Spine Disorders", Physical Therapy Department, Saint Louis University School of Medicine, 11/1/05
- 240) "Basic Science OITE Review", Academic Conference, Department of Orthopaedic Surgery, Saint Louis University School of Medicine, 11/3/05
- 241) "Scoliosis", Physical Therapy Department, Saint Louis University School of Medicine, 11/18/05

- 242) "Classification of Thoracolumbar Spine Fracture", Academic Conference, Department of Orthopaedic Surgery, Saint Louis University School of Medicine, 1/19/06
- 243) "Low Back Pain", Academic Conference, Department of Orthopaedic Surgery, Saint Louis University School of Medicine, 2/7/06
- 244) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 3/8/06
- 245) "Dural Tear Repair", Cervical Spine Decompression & Stabilization Workshop, Practical Anatomy Workshop, Saint Louis University School of Medicine, St. Louis, MO, 4/7/06 & 4/8/06
- 246) McMichael J, **Place HM**: "Face Tissue Pressure in Prone Positioning: A Comparison of Three Prone Positioners". Presented at Mid-America Orthopaedic Meeting, San Antonio, TX, 4/19/06 4/23/06
- 247) Auer PB, Brown M, McMichael, J, **Place HM**, Sherrill J, Virgo K, Wittgen C: "Risk Factors for Vascular Complications During Anterior Approaches to the Spine for Orthopedic Procedures" and "The Role of Debridement and Antibiotics in Gunshot Wounds to the Spine" Presented at Mid-America Orthopedic Meeting, San Antonio, TX, 4/19/06 4/23/06
- 248) "Gunshot Wounds to the Spine", Academic Conference, Department of Orthopaedic Surgery, Saint Louis University School of Medicine, 6/6/06
- 249) "Spine Unknowns", Academic Conference, Department of Orthopaedic Surgery, Saint Louis University School of Medicine, 6/21/06
- 250) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 8/16/06
- 251) "Basic Science OITE Review", Academic Conference, Department of Orthopaedic Surgery, Saint Louis University School of Medicine, 11/9/06
- 252) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 11/15/06
- 253) "Spondylolisthesis", Academic Conference, Department of Orthopaedic surgery, Saint Louis University School of Medicine, 12/20/06
- 254) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 1/3/07
- 255) "Introduction to Upper Extremity Anatomy", Gross Anatomy Lab, Saint Louis University School of Medicine, 1/17/07

- 256) "Low Back Pain in Children", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 1/18/07
- 257) Spine Cases "Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 1/18/07
- 258) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 02/14/07
- 259) "Cervical Spine Fracture Classifications, Department of Orthopaedic Surgery, Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 02/14/07
- 260) "Evaluation & Treatment of Patients with Thoracic Symptoms", Practical Anatomy Workshop, St. Louis, MO, 2/20/07
- 261) Poster Presentation 1st Place, Spine Category: "Face Tissue Pressure in Prone Positioning: A Comparison of Three Face Pillows", AAOS Annual Meeting, San Diego, CA, March 2007
- 262) "Discussion on Cervical Spine Classifications", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 03/15/07
- 263) Grisell MK, **Place HM**: "A Comparison of Three Face Pillows While in the Prone Position for Spinal Surgery. Presented at Mid-America Orthopaedic Meeting, Boca Raton, FL, 4/11/07 4/15/07
- 264) Lenarz CJ, **Place HM**: "An Evaluation of the Accuracy of the TLISS System in the Management of 97 Sequential Thoracolumbar Fractures. Presented at Mid-America Orthopaedic Meeting, Boca Raton, FL, 4/11/07 4/15/07
- 265) "Spinal Metastasis", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 05/23/07
- 266) Grisell MK, **Place HM**: "A Comparison of Three Face Pillows While in the Prone Position forSpinal Surgery. Poster at International Meeting on Advanced Spine Techniques (IMAST), Paradise Island, Bahamas, July 11 14, 2007
- 267) "Cervical Spine Radiographs", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, 07/19/07
- 268) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, 08/01/07

- 269) Faculty participant "The 14th Advanced Techniques in Cervical Spine Decompression & Stabilization," Practical Anatomy Workshop, Saint Louis University School of Medicine, St. Louis, MO, 08/03/07 08/04/07
- 270) Human Anatomy Course "Back", Gross Anatomy, Saint Louis University School of Medicine, St. Louis, MO, 08/13/07
- 271) "Cervical Spine in RA", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 08/14/07
- 272) Course director for "Complex Spine: Anatomy & Instrumentation" for nurses and physician assistants, Practical Anatomy Workshop, Saint Louis University School of Medicine, St. Louis, MO 09/26/07 09/27/07
- 273) Poster Presentation: "Face Tissue Pressure in Prone Positioning: A Comparison of Three Face Pillows", NASS Annual Meeting, Austin, TX, October 2007
- 274) "Treatment of Osteoporotic Spine Fractures, Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 10/16/07
- 275) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 12/11/07
- 276) "Low Back Pain in the Child", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/15/08
- 277) Faculty participant: The 1st CSRS (Cervical Spine Research Society) Hands-On Cadaver Course, *Cervical Spine Decompression & Stabilization Techniques*, Practical Anatomy Workshop, Saint Louis University School of Medicine, St. Louis, MO, 1/18/08 & 1/19/08
- 278) "Spondylolisthesis", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 2/14/08
- 279) Faculty participant: East Coast Deformity Peer-to-Peer Meeting, sponsored by DePuy Spine, Coral Gables, FL, 2/29/08 & 3/1/08
- 280) "Clearing the Cervical Spine in Trauma", Department of Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 3/19/08
- 281) "Orthopaedic Surgery in the Carribean", ATLAS presentation to medical students, Internal Medicine Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 3/31/08
- 282) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 5/8/08

- 283) "Scoliosis I", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 5/29/08
- 284) "Scoliosis II', Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 6/3/08
- 285) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 6/18/08
- 286) "Evaluations of C-Spine Radiographs", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/15/08
- 287) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/14/08
- 288) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 9/2/08
- 289) Zehnder SW, **Place HM**: "Evaluation of the Effectiveness of a New Classification System for Lower Cervical Spinal Injuries". Accepted as poster presentation at the 24th Annual Orthopedic Trauma Association Meeting, Denver, CO, 10/15/08 10/18/08
- 290) Zehnder SW, **Place HM**: "Evaluation of the Reliability of the Cervical Spine Severity Score" presented at North American Spine Society Meeting, Toronto, Canada, 10/17/08
- 291) "Basic Science OITE Review", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 10/30/08
- 292) "Treatment of Acute Post-Operative Spine Wound Infections with a Wound Vac", 19th Annual Colorado Spine Symposium, Golden, CO, 10/31/08
- 293) "Classifications of Spine Fracture", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 11/25/08
- 294) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/13/09
- 295) Faculty participant: The 2nd CSRS (Cervical Spine Research Society) Hands-On Cadaver Course, *Cervical Spine Decompression & Stabilization Techniques*, Practical Anatomy Workshop, Saint Louis University School of Medicine, St. Louis, MO, 1/29/09 1/31/09
- 296) "Bone Graft Options: Allograft, Autograft, Cages", The 2nd CSRS Hands-On Cadaver Course, Cervical Spine Decompression & Stabilization Techniques, Practical Anatomy Workshop, Saint Louis University School of Medicine, St. Louis, MO, 1/30/09

- 297) "Anatomy Introduction", Human Anatomy Course, Saint Louis University School of Medicine, St. Louis, MO, 2/4/09
- 298) "Low Back Pain", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 2/19/09
- 299) Lenarz, CJ, **Place HM**, "Management of a Pregnant Patient with a Burst Fracture Causing Neurologic Injury", presented at the Mid-America Orthopaedic Association 27th Annual Meeting, Amelia Island, FL, 4/23/09
- 300) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/3/09
- 301) "The Cervical Spine in RA", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/24/09
- 302) "Cervical Spine", Human Anatomy, Saint Louis University School of Medicine, St. Louis, MO, 4/15/09
- 303) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 5/14/09
- 304) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 6/23/09
- 305) "Examination of the Cervical Spine Radiographs", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/9/09
- 306) "Spinal Orthotics", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/4/09
- 307) "Challenges & Options in the Aging Spine", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 9/16/09
- 308) "Principles of Bone Healing, Bone Graft Options", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 9/16/09
- 309) "Spine Deformity and Management", Complex Spine: Anatomy and Instrumentation Course for nurses, physician assistants and other health care professionals, Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 9/17/09
- 310) "Gunshot Wound to the Spine", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 9/22/09

- 311) "Current and Emerging Issues In Complex Lumbar Spine Surgery", A Hands-On Cadaver Workshop, endorsed by AO Spine, Practical Anatomy & Surgical Education, St. Louis, MO, 10/15/09 10/17/09
- 312) "OITE Review Spine", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 10/29/09
- 313) "Basic Science OITE Review", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 11/11/09
- 314) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 12/9/09
- 315) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 12/9/09
- 316) Anatomy-Introduction Lumbosacral Plexus Lower Limb Dermatomes, Anatomy Lab, Saint Louis University School of Medicine, St. Louis, MO, 1/20/10
- 317) "Treatment of Osteoporotic Spine Fractures", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 2/23/10
- 318) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 2/24/10
- 319) "Ethics", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 5/4/10
- 320) "Spondylolisthesis I", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 5/20/10
- 321) Oral Exam Debrief, Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 6/3/10
- 322) "Examination of Cervical Spine Radiographs", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/20/10
- 323) Faculty Participant: "The 17th Advanced Techniques in Cervical Spine Decompression & Stabilization: A Hands-On Cadaver Workshop", Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 8/5/10 8/7/10
- 324) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 08/18/10

- 325) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/18/10
- 326) "Spine Orthotics", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/31/10
- 327) Faculty Participant: Complex Spine: Anatomy and Instrumentation, Course for nurses, physician assistants and other health care professionals, Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 9/15/10 & 9/16/10
- 328) "Spondylolisthesis II", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 9/30/10
- 329) "The C-Spine in RA", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/18/11
- 330) "Morbidity and Mortality Conference", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/19/11
- 331) "Spinal Stenosis", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/24/11
- 332) "Cervical Spine", Human Anatomy Lecture, Saint Louis University School of Medicine, St. Louis, MO, 5/11/11
- 333) "Examination of Cervical Spine X-rays", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/19/11
- 334) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/10/11
- 335) Faculty participant: "The 18th Advanced Techniques in Cervical Spine", Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 8/11/11 8/13/11
- 336) "Frequency and Mortality of Non-Contiguous Spine Fractures with CT Scan Use", abstract chosen for oral presentation for the SAEM Great Plains Regional Research Forum, St. Louis, MO, 9/9/11 & 9/10/11
- 337) "Classification of Thoracolumbar Spine Fractures", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 9/20/11
- 338) "Gunshot Wound to the Spine", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 10/12/11
- 339) "Resident Safety", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 12/20/11

- 340) "Resident Safety", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/12/12
- 341) "Introduction to Anatomy", Anatomy Lab, Saint Louis University School of Medicine, St. Louis, MO, 1/18/12
- 342) "Treatment of Osteoporotic Fractures", Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO, 2/8/12
- 343) "Spine Unknowns, Department of Orthopaedic Surgery Grand Rounds, Saint Louis University School of Medicine, St. Louis, MO 2/8/12
- 344) Faculty participant: East Coast Deformity Peer-to-Peer Meeting, sponsored by DePuy Spine, Coral Gables, FL, 2/17/12 & 2/18/12
- 345) "Low Back Pain for the Athletic Trainer", PY1 students Graduate Program of Athletic Training, Saint Louis University School of Medicine, St. Louis, MO, 3/07/12
- 346) "Spondylolisthesis II", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/27/12
- 347) "Anatomy Application-Joints of the Lower Limb" Anatomy Lab, Saint Louis University School of Medicine, St. Louis, MO, 3/28/12
- 348) "MIS in Spine Trauma", Walter Reed National Military Medical Center, Washington, D.C., 3/29/12
- 349) Cooper M, **Place HM**, Engel E, Hayes A: "Gait", Anatomy Lab, Saint Louis University School of Medicine, St. Louis, MO, 4/11/12
- 350) O'Boynick C, **Place HM**: "Clearing the C-Spine in Obtunded Trauma Patients Based on Admission CT: A Prospective Randomized Trial" To be presented at Annual Meeting of Mid-America Orthopaedic Association in Bonita Springs, FL, 4/18/12 4/22/12
- 351) "Ethics" Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 4/24/12
- 352) "Evaluating Cervical Spine Radiographs", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/3/12
- 353) "M&M Group 1- Spine, Peds, Adult Reconstruction, Tumor, Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/9/12
- 354) "Basics of Spinal Deformity", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/28/12

- 355) "Spinal Orthotics", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/29/12
- 356) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 11/21/12
- 357) "Low Back Pain", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/23/13
- 358) "Spine Unknowns", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/28/13
- 359) "Spondylolisthesis", Department of Orthopaedic Surgery Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 4/25/13
- 360) "Spondylolisthesis II", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 5/29/13
- 361) "Spine Exam", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/2/13
- 362) "Using the Scoliosis Research Society 2011-2012 M&M Data Base to Determine Significant Difference in Case Volume and Membership Status to Occurrence of Complications" (E-Poster #255, 253), 20th International Meeting on Advanced Spine Techniques, Vancouver, BC, Canada, 7/10/13 7/13/13
- 363) "Resident Safety", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/24/13
- 364) Course Coordinator: Synthes Nursing Continuing Education Principles of Spinal Disorders for Operating Room Personnel, DePuy Synthes Institute Nursing Continuing Education, St. Louis, MO, 7/27/13 & 7/28/13
- 365) Faculty Participant: "Placement of Pedicle Screws in C7, T1 through T3", "The 20th Advanced Techniques in Cervical Spine Decompression & Stabilization: A Hands-On Cadaver Workshop", Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 8/1/13 8/3/13
- 366) "The Cervical Spine in Rheumatoid Arthritis", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 8/29/13
- 367) "Using the Scoliosis Research Society 2011-2012 M&M Data Base to Determine Significant Difference in Case Volume and Membership Status to Occurrence of Complications" (E-Poster #255, 253), 48th SRS Annual Meeting & Course, Lyon, France, 9/18/13 9/21/13 won Louis Goldstein Award for Best Clinical Poster (Broadstone P, M&M Committee (including Place HM)

- 368) "The Athletic Spine", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 10/15/13
- 369) Gross Anatomy: "Lumbosacral Plexus (**Place**/Alander), Saint Louis University School of Medicine, St. Louis, MO, 1/29/14
- 370) "Role of Orthosis in the Spine", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/30/14
- 371) "Spinal Stenosis", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/18/14
- 372) "Spondylolisthesis", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 4/8/14
- 373) "Spine Unknowns", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 4/21/14
- 374) "Resident Safety", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 7/31/14
- 375) Ilyas H, **Place HM**, Puryear A: "A Comparison of Early Clinical and Radiographic Complications of Iliac Screw Fixation Versus S2 Alar Iliac (S2AI) Fixation in the Adult and Pediatric Populations", Washington University Spine Fellowship Graduation, Washington University School of Medicine, St. Louis, MO, 7/25/14
- 376) Faculty Participant: "21st Advanced Techniques in Cervical Spine Decompression and Stabilization", Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 8/21/14 8/23/14
- 377) "My Neck Hurts", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 10/21/14
- 378) Ilyas H, **Place HM**, Puryear A: "A Comparison of Early Clinical and Radiographic Complications of Iliac Screw Fixation Versus S2 Alar Iliac (S2AI) Fixation in the Adult and Pediatric Populations". Podium presentation at the North American Spine Society Annual Meeting, San Francisco, CA, November 12-15, 2014.
- 379) "Spine Unknowns", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 11/19/14
- 380) "Ethics", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 1/6/15

- 381) Faculty Participant: "Complex Spine: Anatomy and Instrumentation", Practical Anatomy & Surgical Education, Saint Louis University School of Medicine, St. Louis, MO, 1/13/15 & 1/14/15
- 382) "Treatment of Osteoporotic Spine Fracture", Department of Orthopaedic Surgery, Academic Conference, Saint Louis University School of Medicine, St. Louis, MO, 3/24/15
- 383) "Learning from Complications: What the SRS M&M Database Teaches Us", Federation of Spine Associations, Las Vegas, NV, 3/28/15