

**David W. Wimberley, MD**  
**7401 South Main**  
**Houston, TX 77030**  
**(713) 799-2300**

**EDUCATION:**

Fellowship in Orthopaedic Spine Surgery  
Thomas Jefferson University Hospital, August 2003 - July 2004

Fellowship in Orthopaedic Spine Surgery  
Brigham and Womens Hospital, Harvard Medical School, January 2003 - July 2003

Fellowship in Orthopaedic Trauma Surgery  
Massachusetts General Hospital, Harvard Medical School, July 2002 - December 2002

Orthopaedic Surgery Residency  
Harvard Combined Orthopaedic Surgery Residency Program, Harvard Medical School,  
June 1998 - June 2002

Surgical Internship  
The Brigham and Women's Hospital, Harvard Medical School, June 1997 - June 1998

Doctor of Medicine  
University of Texas Southwestern Medical School at Dallas, June 1997

Bachelor of Science in Biochemistry and Biology  
West Texas A & M University, June 1993, *cum laude*

**HONORS & AWARDS:**

*Medical School*

Ho Din Award Winner - the highest honor awarded to the one graduating medical student at the University of Texas Southwestern Medical School who "*exemplifies the human understanding and medical wisdom that symbolizes the fundamental concept on which the medical college was based.*"

Graduated number 1 of 213 in medical school class with 4.0 GPA

Alpha Omega Alpha

Finalist - Hudson-Penn Award for surgical excellence among senior medical students

Honors earned in Surgery, Internal Medicine, Obstetrics and Gynecology, Pediatrics, Family Practice and Psychiatry clinical clerkships

*Undergraduate*

President, *Beta Beta Beta* National Biological Honor Society, 1992-1993

President, Mortar Board National Honor Society, 1992-1993

Member, *Beta Beta Beta* National Biological Honor Society, 1991-1993

Member, Mortar Board National Honor Society, 1991-1993

Member, Alpha Chi National Honor Society, 1992-1993

Member, Who's Who in American Colleges and Universities, 1993

President's (4.0) Honor Roll - Spring 1990, Fall 1990, Fall 1991, Spring 1992

Dean's List - Spring 1991

**LICENSURE INFORMATION:**

American Board of Orthopaedic Surgery – Board certified

Texas Full Licensee – License # L9557

Massachusetts Full Licensee – License # 203483

Pennsylvania Licensee – License # MT181241

**LICENSURE INFORMATION (continued):**

USMLE Step 1 - June 1995 - 244 (99<sup>th</sup> percentile)  
USMLE Step 2 - August 1996 - 255 (99<sup>th</sup> percentile)  
USMLE Step 3 - May 1998 - 232 (percentile not reported)  
ABOS Part 1(Written) – July 2002 – (99<sup>th</sup> percentile)

**PUBLICATIONS:**

- Smith H, Wimberley DW, Vaccaro AR. *Cervical Arthroplasty: Material Properties*, Neurosurgical Focus 17 (3) 15 – 21, 2004.
- Wimberley DW, Zeiller S, Goyal N, Vaccaro, AR Hilibrand A, Albert T. *Radiographic and Clinical Outcomes Following Instrumented Reduction and Transforaminal Lumbar Interbody Fusion of Mid and High-Grade Adult Isthmic Spondylolisthesis*, Submitted for publication Journal of Spinal Disorders and Techniques, July 2005.
- Zeiller S, Wimberley DW, Vaccaro AR, *et al.* *Severe myelopathy resulting from melorheostosis of the cervicothoracic spine. A case report.* J Bone Joint Surg Am. 2005 Dec;87(12):2759-62
- Wimberley DW, Vaccaro AR, Goyal N, *et al.* *Acute quadriplegia following closed traction reduction of a cervical facet dislocation in the setting of ossification of the posterior longitudinal ligament: A Case Report.* Spine. 2005 Aug 1;30(15):E433-8.
- Huddleston, JI, Scott RD, Wimberley DW. *Determination of neutral tibial rotational alignment in rotating platform TKA.* Clin Orthop Relat Res. 2005 Nov;440:101-6.
- Nassr A, Wimberley DW, Singh K, Vaccaro, AR. *The Management of Complications Associated with Treatment of Post-Traumatic Deformity of the Thoracolumbar Spine in Complications in Spine Surgery*, An, H and Jenis, LG eds, Lippincott, Williams, and Williams, Oct, 2005.
- Burbank, S, Goins ML, Wimberley DW, Yuan PS, Vaccaro AR. *Thoracic Paraparesis Following an Embolic Vascular Event during Lumbar Spinal Surgery.* Submitted for publication, March 2004.
- Goins ML, Wimberley DW, Yuan PS, Vaccaro AR. *Nucleus Pulposus Replacement, An Emerging Technology*, The Spine Journal, Nov-Dec;5(6 Suppl):317S-324S.
- Wimberley DW, Yuan PS, Goins ML, Vaccaro AR. *Advances in Spine Surgical Techniques and Instrumentation and their Impact on the Spinal Cord Injury Rehabilitation Process.* Topics in Spinal Cord Injury Rehabilitation, Fall 2004: 10(2): 35-38.
- Wimberley DW, Morris MJ, Albert TJ. *The Treatment of Postlaminectomy Kyphosis with Anterior –Posterior Decompression and Stabilization: A Case Study.* North American Spine Society – SpineLine, Accepted for publication, date pending.
- Yuan PS, Wimberley DW, Goins ML, Hilibrand, AS. *Spontaneous Multilevel Anterior Cervical Ankylosis Following Chymopapain Injection: A Case Report.* Submitted for publication, date pending.
- Yuan PS, Goins ML, Wimberley DW, Vaccaro AR, Albert, TJ, Hilibrand AH. *A Less Traumatic Technique: Minimally Invasive Spine Surgery.* Orthopedic Technology Review, Vol.6, Number 3 March/April 2004.
- Wimberley DW, Yuan PS, Goins ML, Vaccaro AR. *The Surgical Management of Traumatic Injuries of the Vertebral Column and Spinal Cord: An Update.* The Jefferson Orthopaedic Journal, 32: 96 - 103, 2004.
- Yuan PS, Wimberley DW, Goins ML, Hilibrand, AS. *Cervical Chymopapain Chemonucleolysis Producing Interbody Fusion: A Case Report*, The Jefferson Orthopaedic Journal, 32: 93 - 95, 2004.
- Goins ML, Wimberley DW, Yuan PS, Vaccaro AR. *Nucleus Pulposus Replacement, An Emerging Technology.* The Jefferson Orthopaedic Journal, 32: 86 – 93, 2004.

Magee KP, Wimberley D, Crane C, Bawdon R. *The determination of the Maternal Fetal Transfer of Rifampin and Rifabutin in the ex vivo Human Placental model*. Submitted, March 2001.

Magee KP, Wimberley D, Crane C, Bawdon R. *Ex vivo human placental transfer and the Vasoactive Properties of Hydralazine* American Journal of Obstetrics & Gynecology 182: 167-169, 2000.

Roberts S, Bawdon R, Sobhi S, Dax J, Gilstrap L 3rd, Wimberley D. *The Maternal Fetal Transfer of BHAP in the ex vivo Human Placenta*. American Journal of Obstetrics & Gynecology 172: 88-91, 1995

#### **PRESENTATIONS:**

Magee KP, Wimberley D, Crane C, Bawdon R. The *ex vivo* Human Placental Transfer of Rifampin and Rifabutin. An abstract and poster session presented at the National Annual Meeting of the Infectious Disease Society for Obstetrics and Gynecology, Grand Traverse Village, MI, 1995.

Magee KP, Wimberley D, Bawdon R, Larsson RF, Sever J. Preliminary Studies on the *ex vivo* Human Placental Transfer of Lymphocytes and Macrophages. An abstract and poster session presented at the National Annual Meeting of the Infectious Disease Society for Obstetrics and Gynecology, Monterey, CA, 1994.

#### **RESEARCH EXPERIENCE:**

The determination of the Maternal Fetal Transfer of Rifampin and Rifabutin in the *ex vivo* Human Placental model. PI: Kevin P. Magee, M.D., Department of Obstetrics and Gynecology, UT Southwestern Medical School, 1994-1998.

The determination of Macrophage Diapedesis in the *ex vivo* Human Placental model. PI: Kevin P. Magee, M.D., Department of Obstetrics and Gynecology, UT Southwestern Medical School, 1993 - 1997.

*Ex vivo* human placental transfer and the vasoactive properties of hydralazine. PI: Kevin P. Magee, M.D., Department of Obstetrics and Gynecology, UT Southwestern Medical School, 1993-1997.

The Maternal Fetal Transfer of BHAP in the *ex vivo* Human Placenta. PI: Scott Roberts, M.D., Department of Obstetrics and Gynecology, UT Southwestern Medical School, 1993-1995.

#### *Undergraduate*

The synthesis of nonlinear optical biopolymer conjugate polypeptides. PI: AC Schramm, Ph.D., Department of Biochemistry, West Texas A & M University, 1991-1993.

#### **TEACHING EXPERIENCE:**

Neuroanatomy Laboratory Instructor, UT Southwestern Medical School, 1996-1997

Human Anatomy & Physiology Laboratory Instructor, West Texas A&M University, 1991-1992

#### **LANGUAGE:**

Spanish, conversational (medical)

#### **CERTIFICATION:**

Advanced Cardiac Life Support, 1996

Basic Cardiac Life Support, 1994

#### **INTERESTS:**

Fishing, hunting, golf, restoring antique furniture, snow skiing, and jogging.