Curriculum Vitae

SHAWN HAYDEN, MD, PhD, MBA, FAAOS
ABOSD

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I am a board-certified, orthopaedic surgeon, specializing in spine surgery and orthopaedic trauma. My professional interests include treatment of the neck, back, shoulder, hand, wrist, and knee pathology. Additionally I provide care for adolescent and adult patients who have sustained indoor and outdoor sports injuries.

CLINICAL PRACTICE:

President and CEO, Onto Orthopaedics
Plano, TX
07/2003 – Present

Designated Doctor
Texas Department of Insurance
06/2004 – 05/2016

OTHER EMPLOYMENT HISTORY:

Co-Founder, President and CEO, Blurbcom
Internet-based health care news and information company
Lebanon, NH
06/1995 – 06/1996

CEO, Surgicad Corporation
Developed computerized 3-D rendering of MRI and CT data for surgical planning
Lebanon, NH
05/1989 – 05/1995

TRAINING:

Fellowship in Spine Surgery
Beth Israel Deaconess Medical Center
Department of Orthopaedic Surgery
Boston, MA
01/2002 – 07/2002

Fellowship in Trauma Surgery
Massachusetts General Hospital
Department of Orthopaedic Surgery
Boston, MA
07/2001 – 12/2001

Residency in Orthopaedic Surgery
Harvard University / Massachusetts General Hospital
Department of Orthopaedic Surgery
Boston, MA
07/1997 – 06/2001

Residency in Anesthesiology
Dartmouth-Hitchcock Medical Center
Department of Anesthesiology
Lebanon, NH
07/1996 – 07/1997

Internship in General Surgery
Dartmouth-Hitchcock Medical Center
Department of Surgery
Hanover, NH
05/1989 - 06/1990

EDUCATION:

Physician Executive MBA Program (PEMBA) / MBA
University of Tennessee
Knoxville, TN
01/2011 - 12/2011

Graduate Studies / PhD in Biomedical Sciences
Thesis in Computing and Image Processing
University of Texas Southwestern Medical Center
Department of Cell Biology and Anatomy
Dallas, TX
08/1985 – 06/1993

Medical School / Medical Doctorate
University of Massachusetts
School of Medicine
Worcester, MA
08/1981 – 06/1985

Undergraduate Studies / Bachelor of Arts in Biology *magna cum laude*
Harvard University
Harvard College
Cambridge, MA
09/1975 – 06/1980

LICENSURE:

Texas #L6421
Issued 06/06/2003

Massachusetts #153632
Issued 04/09/1997

CERTIFICATION:

American Board of Orthopaedic Surgery
Initially Certified 07/21/2005
Recertified 01/01/2016
Recertification Applied for 11/2024

Interstate Medical Licensure Compact
Letter of Qualification issued 02/2025

CLINICAL APPOINTMENTS:

- **Member, Credentialing Committee**
  Trinity Medical Center
  Carrollton, TX
  01/2008 – 01/2010

- **Medical Director, Orthopaedic Trauma**
  Baylor Regional Medical Center
  Plano, TX
  12/2004 – 12/2005

ACADEMIC APPOINTMENTS:

- **McDermott Research Fellow**
  University of Texas Southwestern Medical Center
  Department of Cell Biology & Anatomy
  Dallas, TX
  07/1985 – 05/1989
  Studied MRI and CT technology in relationship to accurate modeling of musculoskeletal data.

PROFESSIONAL MEMBERSHIPS:

- American Academy of Orthopaedic Surgeons
- American College of Sports Medicine
- Dallas County Medical Society
- Massachusetts Medical Society
- North American Spine Society
- Texas Medical Association
- Texas Orthopedic Association

HONORS: Member, The Honor Society of Phi Kappa Phi

PRESENTATIONS:

1. **US Orthopaedists Undervalue Their Time Performing Total Knee Replacements Compared to the Public**. Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, February 2009.

2. **The US Public's Perceived Value of the Surgeon's Fee for Total knee Replacement.** Annual Meeting of American Academy of Orthopaedic Surgeons, San Francisco, CA, March 2008.

3. **A Practical Specification for a Clinical Management System and Assessment of Market Availability.** Harvard Combined Orthopaedic Residency Program Senior Dissertation. May 2001.

PUBLICATIONS:

1. **Hayden, S.A.,** Mills, J.W. and Masland, R.H. 1980. Acetylcholine synthesis by displaced amacrine cells. Science 210: 435 - 437.

2. Masland, R.H., Mills, J.W. and **Hayden, S.A.** 1984. Acetylcholine-synthesizing amacrine cells: identification and selective staining using autoradiology and fluorescent markers. Proc. R. Soc. Lond. B 223: 79 - 100.

3. **Hayden, S.A.,** et al. 1988. A volume model strategy for the prediction of the surgical outcome of soft tissue displacement. In: Conference Proceedings, National Computer Graphics Association.

4. Harbaugh, R.E., Schlusselberg, D.S., Jeffery, R., **Hayden, S.A.,** Cromwell, L.D. and Pluta, D. 1992. Three dimensional computed tomographic angiography in the diagnosis of cerebrovascular disease. Journal of Neurosurgery 76(3): 408 - 414.

5. Harbaugh, R.E., Schlusselberg, D.S., Jeffery, R., **Hayden, S.A.,** Cromwell, L.D., Pluta, D. and English, R.A. 1995. Three dimensional computed tomographic angiography in the preoperative evaluation of cerebrovascular disease. Neurosurgery 36(2): 320 - 327.

ABSTRACTS:

1. **Hayden, S.A.,** Border, B.G., Smith, W.K., Askari, S., German, D.C., Schlusselberg, D.S. and Woodward, D.J. 1986. Methods for editing and evaluating accuracy in a semiautomatic cell recognition system for neuroanatomical studies. Society of Neuroscience Annual Meeting.