

Curriculum Vitae

Steven A. Dutcher, D.O., Ph.D., FAANS, FACOS
Palm Beach Neurosurgery, LLC
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Wellington, FL 33449
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601 University Blvd
Suite #203
Jupiter, FL 33458

Professional Credentials:

Diplomate, American Board of Neurological Surgery - Board Certified #26064
American Osteopathic Board of Surgery – Neurosurgery Section - Board Certified #1761
Florida License - # OS 8151

Education:

Residency - Department of Neurosurgery
Wayne State University School of Medicine
Detroit, MI
7/93 – 6/01

Wayne State University School of Medicine
Department of Anatomy and Cell Biology
Detroit, MI
Doctor of Philosophy
12/94 – 12/96

Internship - Michigan State University/ Detroit Medical Center at Grace Hospital
Detroit, MI
12/93 – 12/94

University of Osteopathic Medicine and Health Sciences
Des Moines, IA
Doctor of Osteopathy
9/89 – 6/93

Education (cont.):

Michigan State University
Department of Physiology
E. Lansing, MI
Bachelor of Science
1/86 – 9/89

Awards/ Honors:

Award for Excellence in Scholarly Activities, Wayne State University, Department of Neurological Surgery, 1997

L. Murray Thomas, M.D. Fund Award, October 1997

Best of Show@ award for poster presentation for” Temporal Patterns of Heat-Sock Protein 70 mRNA and Protein expression Following Human Traumatic Brain Injury,@ Annual Clinical Assembly of Osteopathic Specialists, San Diego, CA, October 1996

“First Place@ award for” Temporal Patterns of Heat-Sock Protein 70 mRNA and Protein expression Following Human Traumatic Brain Injury, Neurological Surgery Discipline Poster Session Annual Clinical Assembly of Osteopathic Specialists, San Diego, CA, October 1996

Student Osteopathic Medical Association Academic Scholarship
7/91 – 6/92

Experience:

Member of American Osteopathic Board of Surgery
5/10 – Present

Associate Member of American Osteopathic Board of Surgery
5/08 – 5/10

Oral Board Examiner for American Osteopathic Board of Surgery – Section of Neurosurgery
10/06 - Present

Division of Neurosurgery, Section Chief
JFK Medical Center
7/04 - Present

Staff Neurosurgeon – Palm Beach Neurosurgery, LLC
JFK Medical Center, Palms West Medical Center, Jupiter Medical Center, and Wellington Regional Hospital
West Palm Beach, FL
7/03 - Present

Experience (cont.):

Staff Neurosurgeon – Jacques N. Farkas, MD, PA
JFK Medical Center, Jupiter Medical Center & St. Mary's Medical Center
West Palm Beach, FL
7/01 – 7/03

Chief Neurosurgical Resident - Wayne State University School of Medicine
Department of Neurological Surgery
Detroit, MI
7/00 – 6/01

Neurosurgical Resident - Wayne State University School of Medicine
Department of Neurological Surgery
Detroit, MI
7/93 – 6/01

Graduate Assistant - Wayne State University School of Medicine
Department of Anatomy and Cell Biology
Specific Skills: Total RNA isolation, Northern mRNA analysis, Random prime labeling,
Autoradiography, Immunocytochemistry, SDS Page gels, Western Blot analysis
Detroit, MI
12/94 – 12/96

Surgical Teaching Assistant - University of Osteopathic Medicine and Health Sciences
Department of Surgery
Des Moines, IA
7/90 – 7/92

Research Assistant - Drake University
Department of Pharmacology
Des Moines, IA
7/91 – 6/92

Scuba Instructor, SCUBA Plus
Lansing MI
8/87 – 9/89

Books/Chapters:

Fessler, R., **Dutcher, S.**, Gordon, V., Diaz, F., “Surgical Procedures for Extracranial Vertebrobasilar Occlusive Disease in H. Batjer and C. Loftus (Eds) *Textbook of Neurological Surgery*, Lippincott - Raven Publishers, Philadelphia, *Published 2002*, Chapt. 220

Dutcher, S., Canady, A., Ham, S., Sood, S., “Skull Fractures and Penetrating Injuries” in D. McLone (Ed) *Pediatric Neurosurgery*, 4th Ed., W.B. Saunders Co., Philadelphia, 2000, pp. 573-583

“Patterns of Heat-Shock Protein 70 Biosynthesis Following Traumatic Brain Injury”
Doctoral Dissertation, 1996

Publications:

Dutcher, S. and Michael, D., “Gene Expression in Neurotrauma” *Neurological Research*, vol 23, (2001)

Abdolvahabi, R., **Dutcher, S.**, Wellwood, J., Michael, D., “Cranio-cerebral Missile Injuries” *Neurological Research*, vol 23, (2001)

Dutcher, S., Underwood, B., Walker, P., Diaz, F., Michael, D., “Patterns of Immediate Early Gene mRNA Expression Following Rodent and Human Traumatic Brain Injury”, *Neurological Research*, vol 21 (3), (1999) pp 234 - 242

Dutcher, S., Underwood, B., Michael, D., Diaz, F., Walker, P., “Heat-Shock Protein 72 Expression in Excitotoxic vs Penetrating Injuries of the Rodent Cerebral Cortex”, *J. Neurotrauma*, vol 15 (6), (1998) pp 421-432

Dutcher, S., Underwood, B., Walker, P., Diaz, F., Michael, D., “Patterns of Heat-Shock Protein 70 Biosynthesis Following Human Traumatic Brain Injury”, *J. Neurotrauma*, vol 15 (6), (1998) pp 411-420

Published Abstracts:

Dutcher, S., Pilitsis, J., Underwood, B., Walker, P., Diaz, F., Michael, D., “Effects of Ethanol on Heat Shock Protein Expression Following Traumatic Brain Injury”, *Neurosurgery*, vol. 47 (2) (2000) pp 510-511

Dutcher, S., Underwood, B., Walker, P., Diaz, F., Michael, D., “Patterns of Heat-Shock Protein 70 Biosynthesis Following Traumatic Brain Injury”, *J. Neurosurg* 88 (1998) 379

Dutcher, S., Underwood, B., Michael, D., Diaz, F., Walker, P., “Heat-Shock Protein 72 Expression in Excitotoxic Versus Penetrating Injuries of Rodent Cerebral Cortex”, *J.*

Neurosurg 88 (1998) 380

Michael, D., Sall, J., **Dutcher, S.**, Diaz, F., Walker, P., Patterns of Immediate Early Gene Protein Following Non-penetrating Versus Penetrating Human Traumatic Brain Injury. *J. Neurosurg 88* (1998) 380

Dutcher, S., Michael, D., Walker, P., Diaz, F., Temporal Patterns of Heat-Shock Protein 70 Expression Following Excitotoxic vs Penetrating Cortical Injury. Society for Neuroscience (1996) Vol. 22, part 1 (93.6), 230

Dutcher, S., Underwood, B., Michael, D., Walker, P., Diaz, F., Transcriptional Induction of Heat Shock Protein 70 and GFAP Following Traumatic Head Injury in Rodents and Humans. Society for Neuroscience (1995) vol. 21, part 1 (200.7), 495

Underwood, B., **Dutcher, S.**, Michael, D., Walker, P., Diaz, F., Immediate Early Gene Response to Traumatic Head Injury in Rodents and Humans. Society for Neuroscience (1995) vol. 21, part 1 (200.8), 495

Michael, D.B., Walker, P.D., **Dutcher, S.A.**, Underwood, B.D., Diaz, F.G., Transcription of Immediate Early and Cellular Stress Genes in Human Traumatic Brain Injury. *J. Neurotrauma 12* (1995) 991

Underwood, B., **Dutcher, S.**, Michael, D., Walker, P., Diaz, F., Induction of Immediate Early Genes in Response to Traumatic Brain Injury in Humans. *J. Neurotrauma 12* (1995) 397

Presentations/Conferences/Abstracts:

Invited Lecture/ Hands On Course, Preservation of Motion in the Spine, Hawks Cay Resort, Duck Key, FL, April 7 -10, 2010

Invited Lecture, American College of Osteopathic Surgeons, Neurological Section, Palm Desert, CA, October 4 - 7, 2001
“Diagnostic Pitfalls of Subarachnoid Hemorrhage and Vasospasm”.

Open Paper, Congress of Neurological Surgeons Annual Meeting, San Antonio, TX, September 23 - September 29, 2000
Effects of Ethanol on Heat Shock Protein Expression Following Traumatic Brain Injury”, **Steven Dutcher, DO, PhD**, Julie Pilitsis, MD, Bill Underwood, MD, Paul Walker, PhD, Fernando Diaz, MD, PhD, Daniel Michael, MD, PhD

Invited Lecture, American College of Osteopathic Surgeons, Neurological Section, Boston, MA, September 21 - 24, 2000
Penetrating and Non-Penetrating Spinal Cord Injury”.

American Association of Neurological Surgeons, Philadelphia, PA, April 25 - 30, 1998

Patterns of Heat-Shock Protein 70 Biosynthesis Following Traumatic Brain Injury., **Dutcher, S.**, Underwood, B., Walker, P., Diaz, F., Michael, D.

American Association of Neurological Surgeons, Philadelphia, PA, April 25 - 30, 1998
Heat-Shock Protein 72 Expression in Excitotoxic Versus Penetrating Injuries of Rodent Cerebral Cortex., **Dutcher, S.**, Underwood, B., Michael, D., Diaz, F., Walker, P.

American Association of Neurological Surgeons, Philadelphia, PA, April 25 - 30, 1998
Patterns of Immediate Early Gene Protein Following Non-penetrating Versus Penetrating Human Traumatic Brain Injury., Michael, D., Sall, J., **Dutcher, S.**, Diaz, F., Walker, P.

Society for Neuroscience, New Orleans, LA, October 25 - 30, 1997
“Patterns of Immediate Early Gene Protein Expression Following Nonpenetrating vs Penetrating Human Traumatic Brain Injury”, J.M. Sall, **S.A. Dutcher**, F.G. Diaz, P.D. Walker and D.B. Michael

Oral Poster, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA, September 27 - October 2, 1997
“Temporal Patterns of Heat-Shock Protein 70 mRNA and Protein Expression Following Human Traumatic Brain Injury”, **Steven Dutcher, DO, PhD**, Bill Underwood, MD, Paul Walker, PhD, Fernando Diaz, MD, PhD, Daniel Michael, MD, PhD

National Neurotrauma Society, 15th Annual Meeting, New Orleans, LA, October 24 - 25, 1997
“Comparisons of Heat-Shock Protein 72 Expression in Excitotoxic vs Penetrating Injuries of the Rodent Cerebral Cortex”, **S.A. Dutcher**, B.D. Underwood, F.G. Diaz, D.B. Michael and P.D. Walker

International Neurotrauma Meeting, Seoul, Korea, August 23 - 28, 1997
“Temporal Patterns of Heat-Shock Protein 70 mRNA and Protein Expression Following Human Traumatic Brain Injury”, **S.A. Dutcher**, B.D. Underwood, F.G. Diaz, P.D. Walker and D.B. Michael

Society for Neuroscience, Washington D.C., November 16 - 21 1996
“Temporal Patterns of Heat-Shock Protein 70 Expression Following Excitotoxic vs Penetrating Cortical Injury”, **Dutcher, S.**, Michael, D., Walker, P., Diaz, F.

American College of Osteopathic Surgeons, San Diego, CA, October 17 - 20, 1996
“Temporal Patterns of Heat-Shock Protein 70 mRNA and Protein Expression Following Human Traumatic Brain Injury”, **S.A. Dutcher**, B.D. Underwood, D.B. Michael, F.G. Diaz and P.D. Walker
Awarded Best of Show” and A1st Place in the Neurosurgery Division@

Society for Neuroscience, San Diego, CA, November 11 - 16, 1995
“Transcriptional Induction of Heat Shock Protein 70 and GFAP Following Traumatic Head Injury in Rodents and Humans”, **Dutcher, S.**, Underwood, B., Michael, D., Walker, P.,

Diaz, F.

Society for Neuroscience, San Diego, CA, November 11 - 16 1995
“Immediate Early Gene Response to Traumatic Head Injury in Rodents and Humans”,
Underwood, B., Dutcher, S., Michael, D., Walker, P., Diaz, F.

Society for Neurotrauma, San Diego, CA, November 11 - 12 1995
Transcription of Immediate Early and Cellular Stress Genes in Human Traumatic Brain
Injury. Michael, D.B., Walker, P.D., Dutcher, S.A., Underwood, B.D., Diaz, F.G.

Presentation, Michigan Association of Neurological Surgeons, Annual Meeting, Boyne
Highlands, MI, June 1995
“Transcriptional Responses in Human and Rodent Traumatic Brain Injury”, Dutcher, S.,
Underwood, B., Michael, D., Walker, P., Diaz, F.

International Neurotrauma Meeting, Toronto, Can., June 1995
“Induction of Immediate Early Genes in Response to Traumatic Brain Injury in Humans”,
Underwood, B., Dutcher, S., Michael, D., Walker, P., Diaz, F.

Society Membership:

American Association of Neurological Surgeons	Joined 02/02/1999
Congress of Neurological Surgeons	Joined 10/30/1997
AANS/CNS Section on Neurotrauma and Critical Care	Joined 04/01/1999
American College of Osteopathic Surgeons	Joined 06/24/1996
American Osteopathic Association	Joined 04/20/1993