

**CURRICULUM VITA  
BRIAN L. BOWYER, MD**

EDUCATION:

HIGH SCHOOL: DeVilbiss High School  
Toledo, Ohio  
1972-1976

COLLEGE: University of Michigan  
Ann Arbor, Michigan  
1976-1980  
B.S. (Zoology)

MEDICAL SCHOOL: The Ohio State University  
Columbus, Ohio  
1980-1984  
M.D.

INTERNSHIP: Physical Medicine  
Riverside Methodist Hospital  
Columbus, Ohio  
1984-1985

RESIDENCY: The Ohio State University  
Columbus, Ohio  
1985-1987

HONORS:

HIGH SCHOOL: Valedictorian

UNDERGRADUATE: B.S., Magna Cum Laude

MEDICAL SCHOOL: "Maurice Rusoff Award" after the 1st year for #1 position in class  
M.D., Cum Laude

ATTENDING  
PHYSICIAN: Teacher of the Year Award, from PM&R Residents  
1987, 1998, 2000, 2005

Selected by peers to be included in *Best Doctors* (part  
of a group of 31,000 doctors, 4% of U.S. doctors)

- for 2003-2004 (notified 9/8/03)
- for 2001-2002 (notified 4/30/02)

LICENSURE: State of Ohio License #35-052275

CERTIFICATION: Diplomate, National Board of Medical Examiners, #289513, July, 1985  
Diplomate, American Board of Physical Medicine and Rehabilitation, #2767, May 1988  
Diplomate, American Board of Electrodiagnostic Medicine, April 1989

PROFESSIONAL INTERESTS: Sports Medicine; specifically, rehabilitation of sports-related shoulder and knee disorders  
Electrodiagnosis; in particular, sports-related nerve injuries, as well as radiculopathy and carpal tunnel syndrome

PRESENT POSITION: Department of Physical Medicine and Rehabilitation,  
The Ohio State University

- Associate Professor of Clinical Physical Medicine, 1993 –
- Staff Physician, OSU Sports Medicine Center, 1987 -

MEDICAL STAFF: The Ohio State University Medical Center,  
Columbus, Ohio, 1987 -  
Hocking Valley Community Hospital  
Logan, Ohio, 1987 -  
Doctors' Hospital of Nelsonville,  
Nelsonville, Ohio, 1987 -  
Memorial Hospital of Union County,  
Marysville, Ohio, 1999 -

PROFESSIONAL MEMBERSHIPS: American Academy of Physical Medicine and Rehabilitation

Junior Member	1985-1987
Associate	1987-1988
Fellow	1988 -

American Congress of Rehabilitation Medicine, 1985 - 2000.  
Association of Academic Physiatrists, 1987 –  
American Association of Neuromuscular and Electrodiagnostic Medicine  
Fellow 1989 –

PROFESSIONAL  
MEMBERSHIPS (cont'd):

American College of Sports Medicine  
Member 1987 –

American Medical Association, 1984 –

Ohio State Medical Association, 1989 –

Columbus Medical Association, 1989 –

Phi Beta Kappa: elected 1980,  
The University of Michigan  
Ann Arbor, Michigan

Alpha Omega Alpha: elected 1983,  
The Ohio State University  
Columbus, Ohio

ADDITIONAL  
POSITIONS:

Member, Board of Trustees and Medical Advisor for Creative Living, Inc.,  
an adapted housing facility for physically disabled individuals. Elected 1989.

The OSU Department of PM&R Prosthetics & Orthotics Clinic Director,  
1988-1996, 2000 - .

Manuscript Reviewer

- Archives of PM&R, 1990 -
- American Journal of PM&R, 1989 –
- The Physician and Sportsmedicine, 1989 - 2002.

Contributor to "The Clinic," section of the American Running Association's  
(<http://www.americanrunning.org/>) monthly newsletter, 1990 –

ADDITIONAL  
POSITIONS (cont'd):

Contributor to "NetWellness" (<http://netwellness.org>) a web-based Consumer Health Information site, a collaboration between the University of Cincinnati, The Ohio State University, and Case Western Reserve University:

**Sports Medicine Health Topic area** ("Expert" contributor):

- February 2003 –
- 1999-2001 (OSU discontinued its participation as a NetWellness site 6/30/02, then resumed participation 2/03)
- My answers to questions submitted to the "Sports Medicine" Health topic area (44 answers to questions from January 2006 to present) can be reviewed via the following link:  
<http://expert.netwellness.org/expert2000/report/expertactivityeveryquestion.cfm?personid=223>
- these may be compared to answers by other experts for this section via the link: <http://www.netwellness.org/experts/browsequestions.cfm?forumid=51>
- My answer to – and the question titled – 'Clinging' knee (submitted to NetWellness on 3/6/06) was published in the Cincinnati Post 3/28/06 under the title "Knee feels weakened after exercise":  
<http://webcentral.uc.edu/nwstaff/media/032806CincinnatiPost1.pdf>
- My answer to – and the question titled – Rotator rehab (submitted to NetWellness on 7/6/06) will be published in the Fall issue of *Netwell*, the Faculty and Staff newsletter of the OSUMC sent out each quarter to all OSU employees (accessible online at <http://www.osumhcs.com/wellness/> (scroll almost to the bottom)).

**Amputation Health Topic area** (Moderator, and "Expert" contributor):

- May 2006 –
- My answers to questions submitted to the "Amputation" Health topic area can be reviewed via the following link:  
<http://www.netwellness.org/healthtopics/amputation/>

Oral Examiner

- The American Board of Physical Medicine and Rehabilitation:  
1993, 1995, 1998, 2000, 2002, 2004
- The American Board of Electrodiagnostic Medicine:  
1991, 1992, 1993, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005

COMMITTEES:

a. DEPARTMENTAL COMMITTEES

1. Dept. of PM&R Medical Education Committee (1990 - )
2. Dept. of PM&R Appointments, Promotion and Tenure Committee (1996 – 2002, 2005 - )
3. Pain Committee: PM&RS representative for the VA Outpatient Clinic (2005 - )

b. COLLEGE OR UNIVERSITY COMMITTEES

College of Medicine:

1. Med 3-4 Committee (1989 - )
2. Student Review Subcommittee (1993 - )
3. DOC-3 (Differentiation of Care - Chronic Care) Committee (1994 - )

The OSU Medical Center:

1. Continuing Medical Education (1990 - )
2. Grievance Committee (7/98 - 10/98)

c. COMMITTEES FOR NATIONAL ORGANIZATIONS

American Association of Electrodiagnostic Medicine:

1. Training Program Committee (1998 - 2003)(10/98, 5/99, 10/99, 4/00, 10/00, 4/20/01, 4/26/02, 10/11/02, 4/25/03)

PUBLICATIONS:

1. Pease WS, Bowyer BL, Kadyan V. Human Walking. In: Delisa JA, Gans BM, Walsh NE eds. *Physical Medicine & Rehabilitation: Principles and Practice*, 4<sup>th</sup> ed. Philadelphia: Lippincott Williams & Wilkins, 2005:155-168.
2. Archer TP, Bowyer BL, Oehler MC, Mazzafferri EL. An Elderly Man with Low Back Pain. *Hospital Practice*: August 15, 1998, 132-138.
3. Kozakiewicz RT, Bowyer BL. Quantitative Testing and Thermography in Carpal Tunnel Syndrome: Chapter in Johnson EW (ed.) Carpal Tunnel Syndrome. *Phys Med Rehab Clin North Am* 1997, 8(3): 503-511.
4. Bowyer BL, McKeag DB, McNerny JE. Preventing Common Runners' Injuries. *Patient Care* 1994, 28(12): 72-88.
5. Bowyer BL, McKeag DB, McNerny JE. When a Beginning Runner Overdoes It. *Patient Care* 1994, 28(7): 54-86.
6. Bowyer BL, Gooch JL, Geiringer SR. Sports Medicine: Upper Extremity Injuries. *Arch Phys Med Rehabil* 1993, 74: S-433-S-437.

PUBLICATIONS (cont'd):

7. Geiringer SR, Bowyer BL, Press JM. Sports Medicine: The Physiatric Approach. Arch Phys Med Rehabil 1993, 74: S-428-S-432.
8. Press JM, Akau CK, Bowyer BL. Sports Medicine: The Physiatrist as Team Physician. Arch Phys Med Rehabil 1993. 74: S-447-S-449.
9. Bowyer BL: Patellofemoral Dysfunction and Overuse Syndromes. J Back Musculoskel Rehabil 1992, 2(1): 23-31.
10. Zuelzer WA, Bowyer BL (eds). The Knee. J Back Musculoskel Rehabil 1992, 2(1).
11. Bowyer BL, Waylonis GW. Cholecystitis in a T-5 Paraplegic: Case Report and Review of Literature. Current Concepts Rehab Medicine 1988, 4(1): 5-6.
12. Pease WS, Bowyer BL. Motor Unit Analysis: Comparison Between Concentric and Monopolar Electrodes. Am J Phys Med Rehab 1988, 67: 2-6.
13. Gordon CA, Bowyer BL, Johnson EW. Electrodiagnostic Characteristics of the Acute Carpal Tunnel Syndrome. Arch Phys Med Rehabil 1987, 68(9): 545-548.

ABSTRACTS:

1. Bowyer BL, Imfeld MJ, Johnson EW. The "Gold Standard" for Meniscal Tears: Arthroscopy or Magnetic Resonance Imaging? Arch Phys Med Rehabil 1989, 70(11): A-89.
2. Johnson EW, Bowyer BL, Cunningham DP. Pronator Syndrome in a Teenage Baseball Pitcher. Arch Phys Med Rehabil 1989, 70(11): A-89.
3. Johnson EW, Bowyer BL, Jenks JP. Posterior Thigh Pain in a Collegiate Football Player: A Case Study of Confusion. Arch Phys Med Rehabil 1988, 69(9): 797.
4. Walsh WE, Burke MO, Mysiw WJ, Bowyer BL. The Relationship of Electrodiagnostic Abnormalities with Reported Severity of Symptoms in Carpal Tunnel Syndrome. Arch Phys Med Rehabil 1988, 69(9): 752.
5. Bowyer BL, Zuelzer WA. Usefulness of Therapeutic Exercise Program in the Management of Shoulder Impingement in Gymnasts. Arch Phys Med Rehabil 1987, 68(9): 613.
6. Johnson EW, Bowyer BL. Value of Sensory Nerve Action Potential in C-6 Radiculopathy. Arch Phys Med Rehabil 1987, 68(9): 669.

TELECONFERENCES:

1. Bowyer BL, Severyn SA. Low Back Pain 2005.  
One of The OSU Medical Center's MedNet 21 Live Webcasts, now archived as an enduring material for Category I CME, through the Ohio State University's Center for Continuing Medical Education. February 18, 2005.
2. Bowyer BL, Mervis LJ. Evaluation and Management of Back Pain.  
One of the Ohio Medical Education Network Programs, broadcasted via cable TV from Columbus, Ohio to 70 hospitals in 12 states. October 12 - 14, 1999.
3. Bowyer BL, Rea GL. Low Back Pain: Prevention, Treatment, and Rehabilitation.  
One of the Ohio Medical Education Network Programs. Columbus, Ohio.  
November 30 - December 3, 1992.
4. Bowyer BL, Mysiw WJ. Rehabilitation of Acute Low Back Pain.  
One of the Ohio Medical Education Network Programs. Columbus, Ohio.  
February 27 - March 3, 1989.
5. Bowyer BL, Funk DA. Shoulder Pain in the Adult.  
One of the Ohio Medical Education Network Programs. Columbus, Ohio.  
January 23 - 27, 1989.

NEWSPAPER ARTICLES:

1. Article titled "Knee Feels Weakened After Exercise" was publication of the Question submitted to the Online Consumer Health Information Service NetWellness ([www.netwellness.org](http://www.netwellness.org)) and my response (as a NetWellness Expert) to this question. Cincinnati Post, March 28, 2006, p. 5-B.

RADIO PROGRAMS:

1. "Low Back Pain." Talk show with Tom Wiebell on WOSU-AM.  
June 15, 1995; March 7, 1991.

TELEVISION PROGRAMS:

1. Evaluation and Management of Back Pain. OMEN-TV, satellite broadcast from Columbus, Ohio to 170 member-hospitals in 30 states. October 15, 1999.
2. "Low Back Pain: Prevention, Treatment, and Rehabilitation." OMEN-TV, satellite broadcast from Columbus, Ohio to 30 member-hospitals in the eastern half of the U.S. December 4, 1992.

INVITED PRESENTATIONS:

1. "Back Pain." OSU Department of Internal Medicine Residents Afternoon Lecture series, The Ross Heart Hospital, OSU; May 23, 2006.
2. "Normal Gait." Orthopedics Grand Rounds, The Martha Morehouse Medical Plaza, OSU; October 29, 2004.
3. "Multiple Pain Symptoms Following a Motor Vehicle Accident." Case presentation and discussion; part of the CME presentation "Real World Practice: Case Studies in Pain Management" given by select OSU Medical Center faculty in conjunction with The OSU Center for Continuing Medical Education, Davis Heart and Lung Research Institute, The Ohio State University Medical Center, Columbus, Ohio; April 29, 2004.
4. "Electrodiagnosis in Sports Medicine" Part of the Practical Electromyography Course given by the OSU Department of Physical Medicine and Rehabilitation in conjunction with The OSU Center for Continuing Medical Education, The Blackwell Inn, The Ohio State University Campus, Columbus, Ohio; August 23, 2003.
5. "Musculoskeletal Disorders and Their Diagnosis." Part of the Conference "Ergonomics: Problems and Solutions" sponsored by the Central Ohio Section of the American Industrial Hygiene Association. The Little Turtle Country Club, Westerville, Ohio; April 26, 2001.
6. "Proximal Motor Nerve Conduction and Late Responses." EMG Workshop at the 22<sup>nd</sup> Annual American Association of Electrodiagnostic Medicine Courses and Workshops, Vancouver, British Columbia, Canada; October 6, 1999.
7. "Proximal Motor Nerve Conduction and Late Responses." EMG Workshop at the 21st Annual American Association of Electrodiagnostic Medicine Courses and Workshops, Orlando, Florida; October 14, 1998.
8. "Proximal Motor Nerve Conduction and Late Responses." EMG Workshop at the 20th Annual American Association of Electrodiagnostic Medicine Courses and Workshops, San Diego, California; September 18, 1997.
9. "Chronic Back Pain." Medical Staff Conference at Licking Memorial Hospital, Newark, Ohio; April 18, 1994.
10. "Selecting PM&R Residents - Processes and Results." Focus Session at the AAPM&R Annual Meeting, the Fontainebleau Hilton Hotel, Miami Beach, Florida; November 3, 1993.
11. "Electrodiagnostic Studies: Utility and Applications." Orthopedics Grand Rounds, Rhodes Hall, OSU; September 10, 1993.
12. "Use of Electrodiagnostic Testing in Sports Medicine." Part of the Symposium "Sports Medicine for the Primary Care Physician" at the Cleveland Clinic Foundation, Cleveland, Ohio; May 1, 1993.
13. "Electrodiagnostic Evaluation of the Numb Foot." EMG Workshop at the 54th Annual Assembly of the American Academy of PM&R, San Francisco, California; November 14, 1992.

INVITED PRESENTATIONS (cont'd):

14. "Low Back Pain: 1992 Update." Part of the course "NSAID Safety in Primary Care Medicine" sponsored by the OSU Division of Rheumatology in conjunction with The OSU Center for Continuing Medical Education; Kings Island, Ohio; October 21, 1992.
15. "Evaluation and Management of Low Back Pain." Part of the course "Neurology for Non-Neurologists" sponsored by the OSU Department of Neurology in conjunction with The OSU Center for Continuing Medical Education, Columbus, Ohio; October 3, 1992.
16. "Other Nerve Conduction Studies." Part of the Practical Electromyography Course given by the OSU Department of Physical Medicine in conjunction with The OSU Center for Continuing Medical Education, Hamilton, Bermuda; August 3, 1992.
17. "Other Upper Limb Entrapments." Part of the above course on Practical EMG; August 6, 1992.
18. "Lower Limb Entrapments." Part of the above course on Practical EMG; August 7, 1992.
19. "Approach to the Athlete with Back Problems." Breakout session, as part of the "Sports Medicine Symposium", presented jointly by The Ohio State University and Cleveland Clinic Foundation faculty, at the J. Leonard Camera Center, Columbus, Ohio; April 25, 1992.
20. "Reflex Sympathetic Dystrophy: Evaluation and Treatment." Course at the "Eighth Annual Meeting of the Joint Section on Disorders of the Spine and Peripheral Nerves" of the American Association of Neurological Surgeons, at the Doral Resort and Country Club, Miami, Florida; February 7, 1992.
21. "Lumbar Pain Syndromes in Athletes." Part of the "Central Ohio Team Physicians Forum" at the J. Leonard Camera Center, Columbus, Ohio; November 21, 1991.
22. "Evaluation and Treatment of Low Back Pain." Grand Rounds for the OSU Department of Internal Medicine, Rhodes Hall, OSU; January 10, 1991.
23. "Electrodiagnosis of the Cranial and Phrenic Nerves." Part of the Basic Electromyography Course given by The OSU Department of Physical Medicine in conjunction with The OSU Center for Continuing Medical Education, Orlando, Florida; July 22, 1990.
24. "EMG in Motor Neuron Disease." Part of the above course on Basic EMG; July 23, 1990.
25. "H, F, and Axon Waves." Part of the above course on Basic EMG; July 23, 1990.
26. "Thoracic Outlet Syndrome." Part of the above course on Basic EMG; July 24, 1990.
27. "Orthotics for Sports." Part of the course "Orthotics Update - 1990: For the Practicing Physiatrist," in conjunction with the Department of PM&R at the University of Kentucky, King's Island, Ohio; May 18, 1990.
28. "Common Sports Injuries." Presented as part of the Rho Pi Phi Pharmacy Fraternity "Brotherhood Brunch", The Parke Hotel, Columbus, Ohio; February 25, 1990.

INVITED PRESENTATIONS (cont'd):

29. "Upper Extremity Disorders Associated with Repetitive Activity in Industry." Presented to the Department of Preventive Medicine as part of the Educational Program for the 1989 OSU College of Medicine Alumni Reunion; September 15, 1989.
30. "H Reflex, F Wave, Axon Reflex." Part of the OSU Basic EMG Course, San Diego, California; August 10, 1989.
31. "Entrapment Syndromes of the Upper and Lower Extremities." Part of the Basic EMG Course in San Diego; August 9, 1989.
32. "EMG in Motor Neuron Diseases." Part of the Basic EMG Course in San Diego; August 7, 1989.
33. "Spontaneous Potentials." Part of the Basic EMG Course in San Diego; August 7, 1989.
34. "Therapeutic Use of Physical Modalities." Presented as part of the "OSU Sports Medicine Update:1989," The Woody Hayes Athletic Facility, Columbus, Ohio; July 25, 1989.
35. "Common Sports Injuries." Presented as part of the annual "Family Practice Review" course offered by the Ohio Academy of Family Practice, Marriott North, Columbus, Ohio; June 19, 1988.
36. "Runners Injuries." Presented to Family Physicians at Grant Hospital, Columbus, Ohio; May 18, 1988.
37. "Usefulness of Sensory Nerve Action Potential in C-6 Radiculopathy." Presented as part of a symposium "Entrapment Neuropathies" at the 49th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Orlando, Florida; October 21, 1987.
38. "The Runner's Foot and Shoe." Presented as part of a symposium "Clinical Update in Sports Medicine" at the Annual Meeting of the Ohio State Medical Association, Columbus, Ohio; September 20, 1987.
39. "A Comparison of Shin Splints, Stress Fractures, and Compartment Syndromes as a Cause of Leg Pain in Athletes". Presented to the Mayo Clinic, Department of Physical Medicine and Rehabilitation, Rochester, Minnesota; December 10, 1986.

POSTERS:

1. Bowyer BL, Imfeld MD, Johnson EW. The "Gold Standard" for Meniscal Tears: Arthroscopy or Magnetic Resonance Imaging? Presented at the 51st Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Antonio, Texas; November 7, 1989.
2. Johnson EW, Bowyer BL, Cunningham DP. Pronator Syndrome in a Teenage Baseball Pitcher. Presented at the 51st Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Antonio, Texas; November 7, 1989.
3. Bowyer BL, Zuelzer WA. Usefulness of Therapeutic Exercise Program in the Management of Shoulder Impingement in Gymnasts. Presented at the 49th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Orlando, Florida; October 22, 1987.
4. Pease WS, Bowyer BL. Motor Unit Analysis: Comparison Between Concentric and Monopolar Electrodes. Presented at the 48th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Baltimore, Maryland; October 21, 1986.

LETTERS:

1. Levy CE, Clinchot DM, Bowyer BL, Pease WS. A response to "A 50 Year-Old Woman with Spinal Stenosis." JAMA 1996, 275(18): 1400 -1401.
2. Bowyer BL. A response to "An EMG Analysis of the Elbow in Pitching." Am J Sports Med 1987, 15(5): 520.

REVIEWS:

1. Ankle Arthroscopy: Pathology and Surgical Techniques. By JF Guhl. In Am J Phys Med Rehabil 1989, 68(2).

LECTURES:

A. To the OSU Department of Physical Medicine

1. Wrist and Hand Disorders: An Overview.  
November 30, 2004.
2. Electrodiagnosis of Mononeuropathies of the Lower Limb.  
January 31, 2006; February 15, 2005.
3. Electrodiagnosis of Cervical Radiculopathy.  
January 13, 2004.
4. Foot and Ankle Disorders: An Overview.  
October 12, 2004.
5. Overuse Syndromes of the Leg.  
November 12, 2002.

LECTURES (cont'd):

6. Physical Examination of the Neck.  
February 9, 2006; November 9, 2004; February 5, 2004; May 2, 2002.
7. Mononeuropathies of the Upper and Lower Limb.  
February 26, 2002.
8. Physical Examination of the Wrist and Hand.  
November 30, 2004; January 8, 2004; February 7, 2002.
9. Physical Examination of the Elbow.  
November 23, 2004; December 4, 2003; January 3, 2002.
10. Physical Examination of the Foot.  
November 1, 2001.
11. Therapeutic Exercise to Improve Endurance and Coordination.  
November 4, 2003; November 6, 2001.
12. Physical Examination of the Hip.  
December 8, 2005; April 1, 2004; July 12, 2001.
13. Diagnosis and Nonoperative Management of Elbow Disorders.  
November 23, 2004; November 14, 2000.
14. Diagnosis and Treatment of Cervical Spine Disorders.  
November 9, 2004; October 8, 2002; October 24, 2000.
15. Diagnosis and Treatment of Lumbar Spine Disorders.  
November 2, 2004; October 1, 2002; October 3, 2000.
16. Lower Limb Orthotic Prescription.  
June 3, 2003; May 28, 2002; May 22, 2001; June 1, 2000.
17. Principles of Amputation Surgery/ Wheelchair Principles.  
May 11, 2000.
18. Electrodiagnosis of Mononeuropathies of the Upper Limb (Excluding CTS).  
January 27, 2004; February 26, 2002; January 18, 2000.
19. Anatomy for the Electrodiagnostic Medical Consultant.  
January 7, 2003; January 6, 2000.
20. Running Shoes.  
April 6, 1999.
21. Evaluation and Nonoperative Management of Knee Disorders.  
October 19, 2004; October 22, 2002; November 28, 2000; November 10, 1998;  
November 22, 1994; December 7, 1993.

LECTURES (cont'd):

22. Gross Anatomy: Lower Limb.  
October 21, 1998.
23. Evaluation and Management of Ankle and Foot Disorders.  
November 21, 2000; October 13, 1998.
24. Gross Anatomy: Upper Limb.  
October 1, 1998.
25. Introduction to Musculoskeletal Disorders.  
September 28, 2004; September 24, 2002; September 26, 2000; September 24, 1998.
26. Therapeutic Exercise to Improve Strength, Endurance, and Coordination.  
November 8, 2005; November 9, 1999; October 30 (Part I) and November 4, 1997 (Part II).
27. Electrodiagnosis of Motor Neuron Diseases.  
February 6, 1997.
28. Hip, Pelvis, and Thigh Disorders: An Overview.  
October 26, 2004; November 19, 2002; November 7, 2000; October 8, 1998; October 31, 1996.
29. Evaluation and Management of Ankle Disorders.  
October 15, 2002; May 6, 1996.
30. Diagnosis and Treatment of Shoulder and Knee Pain.  
November 9, 1995.
31. Principles of Amputation Surgery.  
April 18, 1995.
32. Physical Examination for Low Back Pain.  
January 12, 2006; November 2, 2004; February 12, 2004; April 4, 2002; July 6, 2000;  
July 14, 1994.
33. Physical Examination of the Knee.  
November 10, 2005; October 19, 2004; August 2, 2001 (Part I); September 6, 2001 (Part II);  
August 5, 1999; October 1, 1998; August 21, 1997; January 13, 1994 (Part I);  
March 10, 1994 (Part II).
34. Physical Examination of the Foot and Ankle.  
October 13, 2005; October 12, 2004.
35. Physical Examination of the Hip, Pelvis, and Thigh.  
October 26, 2004.
36. Late Responses: H, F, and A Waves.  
February 6, 2001; February 22, 1994.
37. Spontaneous Potentials in Electromyography.  
January 6, 1994.

LECTURES (cont'd):

38. Diagnosis and Treatment of Ankle Pain.  
December 9, 1993.
39. Diagnosis and Nonoperative Management of Shoulder Disorders.  
November 16, 2004; October 10, 2000; November 3, 1994; December 2, 1993.
40. Wrist and Hand: Physical Examination and Common Disorders.  
September 10, 1993.
41. Electrodiagnosis of Radiculopathy.  
February 7, 2006; February 4, 2003; February 25, 1993.
42. Common Sports Injuries.  
Part I: February 2, 1998; Part II: April 13, 1998; December 28, 1992.
43. Clinical Correlations for the Physical Modalities.  
December 3, 1992.
44. Orthotics for Sports.  
May 22, 2001; November 12, 1998; May 28, 1992.
45. Physical Examination of the Ankle.  
October 11, 2001; July 9, 1998; May 7, 1992.
46. Lower Extremity Prosthetic Prescription.  
April 26, 2005; April 27, 2004; April 29, 2003; May 14, 2002; May 1, 2001; May 9, 2000;  
April 18, 1996; April 20, 1995; May 31, 1994; April 29, 1993; April 30, 1992.
47. Ankle Sprains.  
April 27, 1992.
48. Gait Analysis of the Lower Extremity Amputee: Above Knee.  
April 23, 1992.
49. Gait Analysis of the Lower Extremity Amputee: Below Knee.  
April 21, 1992.
50. Introduction to Nerve Conduction Studies.  
January 12, 1999; January 9, 1996; January 7, 1993; January 16, 1992.
51. Upper Extremity Disorders Associated with Repetitive Activity in Industry.  
December 9, 1991.
52. Partial Foot Protheses and Prosthetic Feet.  
April 4, 1991.
53. Lower Limb Nerve Entrapments.  
February 7, 1991.

LECTURES (cont'd):

54. Physical Examination of the Shoulder.  
November 16, 2004; August 14, 2003; December 6, 2001; July 1, 1999; August 6, 1998;  
July 17, 1997; March 11, 1993; June 21, 1990.
55. Patellofemoral Pain: Etiology and Management.  
January 22, 1990.
56. Therapeutic Exercise to Improve Coordination.  
October 26, 1989.
57. Basic Wheelchair Principles.  
June 1, 1989.
58. Prosthetic Check-out and Management of Complications.  
May 3, 1990; May 11, 1989.
59. Runners' Injuries.  
November 21, 1988.
60. Therapeutic Exercise to Improve Strength.  
November 5, 1991; November 6, 1990; October 24, 1989;  
September 27, 1988; November 3, 1987.
61. Strength Evaluation in Disability.  
August 11, 1988.
62. Analysis of Gait Deviations in the Above- and Below-Knee Amputee.  
April 26, 1988.
63. Biomechanics of Normal Human Locomotion.  
March 29, 2005; March 30, 2004; April 1, 2003; April 9, 2002; March 27, 2001; March 30, 1999;  
April 1, 1997; March 28, 1995; March 30, 1993; April 1, 1991; March 29, 1990; March 29, 1988.
64. Electrodiagnosis of the Cranial Nerves and Phrenic Nerve.  
January 31, 2006; February 8, 2005; February 9, 1999; February 10, 1998; January 25, 1996;  
January 24, 1995; February 13, 1990; January 31, 1989; February 9, 1988.
65. Neuromuscular Causes of Ventilatory Failure.  
October 8, 1987.
66. Anatomy and Kinesiology of the Foot and Ankle.  
August 3, 1987.
67. Electrodiagnosis and Sports.  
April 20, 1987.

LECTURES (cont'd):

B. To the OSU Sports Medicine Center Staff

1. Electrodiagnosis and Focal Neuropathies in Sports Medicine.  
February 29, 1996; April 13, 1995; December 15, 1994.
2. Nerve Entrapments about the Elbow.  
May 8, 1992.
3. Thoracic Outlet Syndrome.  
March 20, 1992.
4. Stingers.  
February 28, 1992.
5. Reflex Sympathetic Dystrophy.  
January 3, 1992.
6. Tendinitis about the Foot and Ankle.  
December 13, 1992.
7. Bursitis about the Knee.  
October 25, 1991.
8. Patellofemoral Dysfunction.  
September 27, 1991.

C. To the Department of Neurology, OSU

1. Low Back Pain.  
May 6, 1997; May 7, 1996; May 31, 1995; April 26, 1995; March 1, 1995.

D. To the Department of Internal Medicine, OSU

1. Common Shoulder and Knee Disorders – An Overview.  
May 10, 2004.
2. Physical Examination of the Knee.  
November 16, 1998.
3. Low Back Pain: Evaluation and Treatment.  
October 28, 1996; April 28, 1994; June 9, 1993.

E. To the Department of Family Medicine, OSU

1. Diagnosis and Management of Back Pain.  
March 29, 1994.

LECTURES (cont'd):

F. To the Department of Emergency Medicine, OSU

1. Knee Injuries.  
March 10, 1992.
2. Common Sports Injuries.  
August 20, 1991.

G. To the Division of Vascular Surgery, OSU

1. What's New in Prosthetics.  
March 21, 1991.
2. Electrodiagnostic Studies.  
January 17, 1991.
3. Rehabilitation of the Amputee.  
April 21, 1988.

H. To the School of Allied Medical Professions, OSU

1. Rehabilitation of the Amputee.  
February 11, 1994.
2. Muscular Dystrophy and Myopathies.  
May 9, 1991; May 1, 1990
3. Neuromuscular Causes of Ventilatory Failure.  
May 22, 1989.
4. Conservative Management of Neck and Low Back Pain.  
May 24, 1988.

LECTURES (cont'd):

I. To the OSU College of Medicine

1. "Common Sports Injuries." Part of the "Brown Bag Lunch" series of presentations to 1st and 2nd year students.  
November 9, 1995.
2. Clinical Correlations: Lower Limb Anatomy.  
October 23, 1995; October 24, 1994.
3. Clinical Correlations: Lumbar Spine Anatomy.  
September 4, 2003; August 24, 2001; August 25, 2000, August 27, 1999;  
August 28, 1998; October 3, 1997; September 6, 1996; August 25, 1995;  
August 26, 1994; August 30, 1993.
4. Low Back Pain. Part of the annual Therapeutics Course for senior medical students.  
March 17, 1998, April 21, 1997; April 19, 1996; April 24, 1995;  
March 14, 1994; March 8, 1993.
5. Clinical Correlations: Upper Limb Anatomy.  
September 9, 1993; September 10, 1992; September 12, 1991.
6. To students on the OSUCOM October Sports Medicine Rotation:
  - a. Gait Evaluation. October 18, 1994.
  - b. Electrodiagnosis and Focal Neuropathies in Sports Medicine. October 28, 1994.
7. Didactics Session leader for students on the "Differentiation of Care" selective for patients with Chronic Care Needs:
  - a. Chronic Care for the Young Adult and Adult.  
October 22, 1999; January 22, 1999; May 22, 1998; May 23, 1997;  
February 23, 1996; May 16, 1995.
  - b. Home Care.  
January 4, 1999; October 26, 1998; September 28, 1998; August 31, 1998; May 4, 1998.
8. To the Medical Student PM&R Interest Group
  - a. Sports Medicine and Musculoskeletal Review: The Upper Extremity.  
November 19, 1998.
9. Monthly Lectures to OSU Medical Students on PM&R Rotation (1987-1994):
  - a. An Overview of Selected Sports-Related Neuromusculoskeletal Syndromes
  - b. The Neuromuscular Examination
  - c. Low Back Pain

LECTURES (cont'd):

J. To The OSU Hospitals Orthopedic Study Group

1. Low Back Pain.  
December 14, 1993.

K. To The OSU Hospitals Physical Therapy Department

1. Low Back Pain.  
March 18, 1993.

L. To The OSU Hospitals Neurosciences Nursing Staff

1. The Selection of Patients for Inpatient Rehabilitation.  
September 1, 1993.

M. To the Creative Living Board of Trustees

1. Spinal Cord Injury: A Brief Overview.  
February 19, 2002.
2. Spinal Cord Injury and Stroke: A Brief Overview.  
November 18, 1998.
3. Spinal Cord Injury, Muscular Dystrophy, Spinal Muscular Atrophy, Cerebral Palsy, Multiple Sclerosis, and Stroke: A Brief Overview.  
March 15, 1998.
4. Spinal Cord Injury, Muscular Dystrophy, Cerebral Palsy, and Stroke: A Brief Overview.  
March 20, 1996.
5. Muscular Dystrophy, Spinal Muscular Atrophy, Cerebral Palsy, and Stroke: A Brief Overview.  
March 15, 1994.

OTHER TEACHING ACTIVITIES:

1. Coordinator for Department of Physical Medicine's Musculoskeletal Course given every other Fall Quarter, 1998 –
2. Coordinator for Department of Physical Medicine's Graduate Level Course in Prosthetics and Orthotics given every Spring Quarter, 1988 - 1996, 2000 - .
3. Served as Clinical Preceptor for a Med II Student for the OSUCOM & PH's Physician Development Course - September - October 2002.
4. Served as Clinical Preceptor for Med III Students for the Introduction to Clinical Medicine Clerkship - 2 students in June 2004 (June 8-11 = 16 contact hours); 2 students in June 2003; 5 students in June 2000; 5 students in June 1999.
5. Present a monthly, Friday AM, Musculoskeletal Clinical Case Conference for the Residents, 1997 - 2001.
6. Faculty Member for Course "Interprofessional Seminar in Clinical Practice." The Ohio State University, Winter Quarter, 1988.
7. Medical Student attendance at my Outpatient Clinics at the Davis Center and The OSU Sports Medicine Center – ongoing

MISCELLANEOUS:

Invited speaker for Central Ohio Amputee Support Group; July 11, 2000.

Served as Moderator for "Electrodiagnosis" Platform Presentations at the AAPM&R Annual Meeting, Fontainebleau Hilton Hotel, Miami Beach, Florida; November 1, 1993.

Coordinator for the annual "Internship" for Undergraduate Student from Denison University's "May Term" Program to introduce them to the field of PM&R; 1988 - .