CURRICULUM VITAE

ROBERT CLARK CANTU, M.A., M.D., FACS, FAANS, FICS, FACSM

NAME: Robert Clark Cantu, MA, M.D., F.A.C.S., .F.A.A.N.S., F.I.C.S., F.A.C.S.M.
DATE OF BIRTH: August 31, 1938
BIRTHPLACE: Santa Rosa, California
PRESENT POSITIONS: Chief, Neurosurgery Service, Chairman Department of Surgery
Director, Service of Sports Medicine
Emerson Hospital, Concord, MA 01742
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Clinical Professor Neurosurgery, Boston University School of Medicine, Co-Director Center for The Study of Traumatic Encephalopathy (CSTE), Boston University Medical Center, Boston, MA
Senior Advisor to NFL's Head, Neck and Spine Committee
Member/Co-Chair Equipment and Rules Committee NFLPA Mackey/White TBI Committee
Adjunct Professor, Exercise and Sport Science, University North Carolina, Chapel Hill, NC
Medical Director, National Center for Catastrophic Sports Injury Research, Chapel Hill, NC
Clinical Instructor in Pediatrics, Boston University School of Medicine
Neurosurgical Consultant Boston College Eagles football team
Neurosurgical Consultant Boston Cannons professional Lacrosse team
Co-Director, Neurologic Sports Injury Center at Brigham and Women's Hospital, Boston, MA
Founding Member and Chairman Medical Advisory Board Sports Legacy Institute (SLI), Waltham, MA

EDUCATION:

1960	B.A.	University of California, Berkeley
1962	M.A.	University of California, San Francisco
1963	M.D.	University of California, San Francisco

PROFESSIONAL EXPERIENCE:

1963 - 1964	**Intern in Surgery,** Columbia-Presbyterian Hospital, New York, NY
1964 - 1967	**Assistant Resident in Physiology,** Massachusetts General Hospital
1964 - 1967	**Research Fellow in Physiology,** Harvard Medical School
1967 - 1968	**Chief Resident in Neurosurgery,** Boston City Hospital
1967 - 1968	**Teaching Fellow in Surgery,** Harvard Medical School
1967 - 1968	**Clinical Assistant in Neurosurgery,** Massachusetts General Hospital
1968 - 1973	**Clinical and Research Fellow in Neurosurgery,** Massachusetts General Hospital
1968 - 1969	**Assistant in Surgery,** Harvard Medical School
1969 - 1973	**Instructor in Surgery,** Harvard Medical School
1968 - 1970	**Acting Assistant Director Neurosurgery,** Boston City Hospital
1968 - 1970	**Director of Pediatric Neurosurgery,** Boston City Hospital
1968 - 1973	**Clinical Associate in Neurosurgery,** Massachusetts General Hospital
1968 -	**Chief of Neurosurgery Service,** Emerson Hospital, Concord, MA
1970 - 1995	**Neurosurgical Consultant,** Cutler Army Hospital, Fort Devens, MA
1970 - 1975	**Neurosurgical Consultant,** Nashoba Community Hospital, Ayer, MA
1976 - 1978	**Chief of Neurosurgery Service,** Nashoba Community Hospital, Ayer, MA
1979 - 1980	**Chairman, Department of Surgery,** Emerson Hospital, Concord, MA
1980 -	**Director, Service of Sports Medicine,** Emerson Hospital, Concord, MA
1989 - 1991	**Chairman, Department of Surgery,** Emerson Hospital, Concord, MA
1989 -	**Medical Director,** National Center for Catastrophic Sports Injury Research
1991 - 1993	**Board of Trustees,** Emerson Hospital, Concord, MA
1991 - 1993	**Director,** Emerson Health System, Inc.
1992 - 1993	**President,** American College of Sports Medicine
1994 -	**Clinical Instructor in Pediatrics,** Boston University School of Medicine
1994 -	**Board of Trustees,** National Operating Committee on Standards For Athletic Equipment (NOCSAE)
1996 -	**President,** National Operating Committee on Standards For Athletic Equipment (NOCSAE)

1994 -	**Board of Advisors,** National Youth Sports Foundation For The Prevention of Athletic Injuries, Inc.
1998 - 2000	**Scientific Advisory Panel on Sports Medicine,** Knoll Pharmaceutical Company
1998 - 2000	**Advisory Committee for Injury Prevention,** Centers For Disease Control, Atlanta, GA
2000 -	**Executive Committee Joint Section on Neurotrauma,** Congress Neurological Surgeons/American Association Neurological Surgeons
2002 - 2005	**Editorial Board,** Journal of Athletic Training
2001 -	**Co-Chairman,** NASCAR Safety Task Force, American College Sports Medicine, Indianapolis, IN
2002 -	**Editorial Board,** Current Sports Medicine Reports
2002 -	**Editorial Board,** American Journal of Medicine & Sports
2002 -	**Neurosurgical Consultant,** Boston College Eagles football team
2003-	**Neurosurgical Consultant,** Boston Cannons professional soccer team
2003 -	**Editorial Board Principal Sports,** *Neurosurgery*
2003-	**NOCSAE Consultant,** to NFL Concussion Committee
2003-	**Adjunct Appointment,** Brigham and Women's Hospital, Boston, MA
2004-	**Chairman, Department of Surgery**, Emerson Hospital Concord, MA
2005-	**Board of Directors,** Massachusetts Brain Injury Association, Westborough, MA
2007-	**Medical Advisory Board of the State Boxing Commission**, Boston, MA
2007 -	**Founding Member and Chairman Medical Advisory Board Sports Legacy Institute (SLI)**, Waltham, MA
2007 -	**Clinical Professor Neurosurgery, Boston University School of Medicine**, Boston, MA
2009 -	**Co-Director Center for The Study of Traumatic Encephalopathy (CSTE), Boston University Medical Center,** Boston, MA
2010 -	**Senior Advisor to NFL's Head, Neck and Spine Committee**
2010-	**Fellow of the American Association of Neurological Surgeons (FAANS)**
2010 -	**Member/Co-Chair Equipment and Rules Committee, NFLPA Mackey/White TBI Committee**

SERVICE TO PROFESSIONAL SOCIETIES

NATIONAL SOCIETIES:

American College of Sports Medicine		1978 -
Board of Trustees		1984 - 1994
		1996 - 1999
Ambassador		1988 –
President-elect:	**American College of Sports Medicine,**	1991 - 1992
President:	**American College of Sports Medicine,**	1992 - 1993
Treasurer:	**American College of Sports Medicine,**	1996 – 1999
Associate Editor:	Medicine and Science in Sports and Exercise,	1986 - 1998
Associate Editor:	Exercise and Sports Science Reviews,	1986 - 2000
Editorial Board:	The Physician and Sportsmedicine,	1989 -
Editorial Board:	Clinical Journal of Sports Medicine,	1991 -
Editorial Board:	Journal Athletic Training,	2000 – 2005
Editorial Board:	Neurosurgery: Sports Section	2003 –

American Association of Neurological Surgeons
Chairman, Sports Medicine Section, 1985 – 1988

American Medical Tennis Association
Board of Directors, 1984 – 1987

REGIONAL SOCIETIES:

New England Chapter, American College of Sports Medicine

Executive Committee:	1980 - 1982
President:	1981 - 1982
Board of Trustees:	1982 - (**Chairman**, 1983)

PROFESSIONAL CONSULTANT:

1983 - 1985	Advisory Editor in sports medicine to The Collamore Press, Lexington, MA
1984 -	Technical advisor, Milner-Fenwick Company, Baltimore, MD
1985 -	Consultant, United States of America Amateur Boxing Federation, Inc.
1986 -	Consultant, Exercycle Corporation, Woonsocket, RI
1986 - 1988	Consultant, Reebok Corporation, Avon, MA
1988 - 1990	Consultant, Nautilus Company, Independence, VA
1994 -	Athletic Advisory Board, Hartwell Medical
1994 - 2000	Consultant, NordicTrack, Chaska, MN
1998 - 2000	Scientific Advisory Panel on Sports Medicine. Knoll Pharmaceutical Co.
2000-	Executive Committee Joint Section on Neurotrauma, Congress Neurological Surgeons/American Association Neurological Surgeons
2002-2005	Editorial Board, Journal of Athletic Training
2002-	Neurosurgical Consultant to Boston College Eagles football team
2003-	Neurosurgical Consultant to Boston Cannons professional soccer team
2003-	Principal – Sports Section, *Neurosurgery*
2004-	NOCSAE Consultant to the NFL Concussion Committee
2005-	Board of Directors, Massachusetts Brain Injury Association, Westborough, MA
2007-	Medical Advisory Board of the State Boxing Commission, Massachusetts
2007 -	Founding Member and Chairman Medical Advisory Board Sports Legacy Institute, Waltham, MA

FELLOWSHIPS:

1975	**Fellow**, American College of Surgeons
1981	**Fellow,** International College of Surgeons
1981	**Fellow**, American College of Sports Medicine
2010	**Fellow**, American Association Neurological Surgeons (FAANS)

HONORS AND AWARDS:

California Scholastic Federation Award
Kraft Award (top twenty freshmen), University of California, Berkeley, 1956-57
Borden Research Award, 1963
Microcirculatory Travel Award, 1963
Candidate Group Prize, Massachusetts Chapter, American College of Surgeons, 1969
Honor Award in Medicine, New England Chapter, American College of Sports Medicine, 1987
Distinguished Service Award, American Association for the Improvement of Boxing, 1991
Rocky Marciano Medical Award, American Association for the Improvement of Boxing, 1995
Citation Award, American College of Sports Medicine, 1996
Special Citation Award, New England Chapter, American College Sports Medicine, 2002
Educator of the Year Award from the American Association of Professional Ringside Physicians 2004
Dr. Ernst Jokl Sports Medicine Award 2010 from The United States Sports Academy 2010

LICENSES TO PRACTICE MEDICINE:

By written examination in California, 1963	#: 21223
By written examination in Massachusetts, 1964	#: 28386

SPECIALTY BOARD CERTIFICATION:

American Board of Neurological Surgery, 1970

MEMBERSHIPS:

Social Fraternities:	Phi Kappa Psi
	Nu Sigma Nu (President, Phi Chapter, 1962-1963)
Scholastic Fraternities	California Scholastic Federation
	Tower and Flame
	Phi Eta Sigma
	Phi Beta Kappa (junior year)
	Alpha Omega Alpha

PROFESSIONAL SOCIETIES:
American Academy of Sports Physicians
American Association for the Advancement of Science
American Association for the Improvement of Boxing
American Association of Neurological Surgeons
American Association of Professional Ringside Physicians
American Association for the History of Medicine
American College of Angiography
American College of Sports Medicine
American College of Surgeons
American Federation of Clinical Research
American Heart Association
American Medical Association
American Physiology Society
American Society for Pharmacology and Experimental Biology
California (Medical) Alumni Society
Congress of Neurological Surgeons
International College of Surgeons
International Society for Pediatric Neurosurgery
Massachusetts Medical Benevolent Society
Massachusetts Medical Society
Microcirculatory Society
New England Neurosurgical Society
North American Spine Society
Presbyterian Hospital Alumni Society
Society of Military Surgeons
Society of Neuroscience

BACKGROUND SUMMARY

Currently Dr. Cantu's professional responsibilities include those of Clinical Professor Department of Neurosurgery and Co-Director Center for the Study of Traumatic Encephalopathy, Boston University School of Medicine, Boston, MA; Founding member and Chairman Medical Advisory Board Sports Legacy Institute, Waltham, MA; Adjunct Professor Exercise and Sport Science and Medical Director National Center for Catastrophic Sports Injury Research, University of North Carolina, Chapel Hill, NC; Co-Director, Neurologic Sports Injury Center, Brigham and Women's Hospital, Boston, Chief of Neurosurgery Service, Chairman Department of Surgery, and Director of Sports Medicine at Emerson Hospital in Concord, Massachusetts, Neurosurgical Consultant Boston Eagles football team, and Neurosurgical Consultant Boston Cannons professional soccer team.

He has authored over 359 scientific publications, including 29 books on neurology and sports medicine, in addition to numerous book chapters, peer-reviewed papers, abstracts and free communications, and educational videos. He has served as associate editor of Medicine and Science in Sports and Exercise and Exercise and Sports Science Review, and on the editorial board of The Physician and Sports Medicine, Clinical Journal of Sports Medicine, and Journal of Athletic Training. In 2003 Dr. Cantu became the section head for the Sports Medicine Section of *Neurosurgery*.

He grew up in the northern California community of Santa Rosa. In 1960, he received his B.A. degree from the University of California Berkley where he pitched on the varsity baseball team. Jointly, in medical school and graduate school, he received his M.A. degree in endocrinology in 1962, and in 1963, his M.D. from the University of California Medical School in San Francisco. Following a surgical internship at Columbia-Presbyterian Hospital in New York City in 1963-1964, he began a neurosurgery residency at Massachusetts General Hospital in Boston, and simultaneous position of research fellow in physiology at Harvard Medical School. Upon completion of his residency in 1968, he joined the neurosurgery staff at MGH, where his practice and laboratory were located, while assuming the position of acting assistant director of neurosurgery and director of pediatric neurosurgery at Boston City Hospital. After five years of academic neurosurgery with Harvard Hospitals, Dr. Cantu entered private neurosurgery practice at the suburban Emerson Hospital in Concord, Massachusetts where he currently serves as Chairman Department of Surgery, Chief Neurosurgical Service and Director Service of Sports Medicine.

In addition to his professional responsibilities, Dr. Cantu is medical director of the National Center for Catastrophic Sports Injury Research, located in Chapel Hill, North Carolina, an ongoing registry instituted in 1982 for data collection and analysis of spine and head injuries. From this data important contributions have been made in sport safety and accident reduction; most notably football rule changes concerning tackling and blocking with the head, the establishment of football helmet standards, improved on-the-field medical care, and coaching techniques. He also serves on the Board of Trustees as Vice President and chairman of scientific committee of NOCSAE (National Operating Committee on Standards for Athletic Equipment).

Dr. Cantu also is Co-Director of the Neurological Sports Injury Center at Brigham and Women's Hospital in Boston, MA.

For many years, Dr. Cantu has been actively involved with the American College of Sports Medicine (ACSM), the oldest and largest sports medicine and exercise science organization in the world, and served as President of this organization from 1992 to 1993 and served as treasurer from 1996 to 1999. Dr. Cantu has received recognition from the college being named as the recipient of their Citation Award in 1996. This year Dr. Cantu gave the organizations most prestigious J.B. Dill Lecture on the History of Concussions at ACSMs annual meeting in New Orleans.

As spokesperson for ACSM, he has participated in nationally televised sports programs speaking on diverse sports issues and has appeared on "Larry King Live" discussing the Chris Benoit case in conjunction with Chris' father Michael Benoit, "ESPN Outside the Lines" discussing the Chris Benoit case, Canadian Television also discussing the Chris Benoit case as well as other media avenues, "NFL Today" with Bryant Gumbel and Terry Bradshaw, discussing the effect of artificial turf on cervical spine injuries, and football injuries on CNBC's "The Real Story". He has been interviewed for World News Tonight with Peter Jennings, CBS Evening News with Katie Couric, Dan Rather, and NBC Evening News with Brian Williams regarding gender and concussion incidence. He has been a spokesperson for ACSM on NASCAR deaths and safety issues surrounding NASCAR and has been interviewed for "World News Tonight" with Peter Jennings regarding NASCAR deaths and specifically Dale Earnhardt's death as well as safety issues in auto racing. Dr. Cantu also appeared on "ABC World News Tonight" with Bob Jamison regarding the Korey Stringer death from heat stroke as well as WGBH Channel 2 in Boston, NPR radio interview, WEEI Boston radio interview and ESPN's "Outside the Lines", all discussing the issue of heat stroke. He has discussed the health issues of football players with Mary Carillo on HBOs Inside the NFL and has done an interview regarding sports related injuries in cheerleading on Inside the NFL. Dr. Cantu has also been interviewed by Bob Costas on HBOs Inside the NFL regarding Concussion in Professional Sports and was the key speaker on Designer Steroids

for Comcast Cable Network. Dr. Cantu is currently serving as the Consultant for NOCSAE to the NFL Concussion Committee and Co-Chairman for the NASCAR Safety Task Force with ACSM. Dr. Cantu has done safety presentations for drivers and teams of CART as well as NASCAR. Dr. Cantu has been interviewed by ESPN Outside the Lines Tom Friend regarding Baby Joe Mesi and his return to boxing after a controversial subdural hematoma. Dr. Cantu continues to be an outspoken advocate for the sport of boxing and continues to advocate for the safety of that sport and its participants. Recently Dr. Cantu has done several interviews on Concussion in the NFL with ESPN, HBO and the Boston area news channels. Dr. Cantu has recently been involved with the NFL meeting in NYC regarding concussions and guidelines for concussions with Roger Goddell.

As an author of numerous books as well as articles on sports medicine topics, he is frequently invited to participate in symposiums addressing a wide range of sports medicine topics including anabolic steroid use; eating disorders in female athletes; acute and chronic brain injury in boxing; and on-the-field evaluation and medical management and return to play guidelines following head and spine sports injuries.

He has served as a consultant to many scholastic and professional athletes on the return to collision sports after a head injury or spine injury, and is active speaking on a variety of health-related interests including the overall benefits of moderate regular exercise; the special health and exercise concerns of senior citizens; and sports safety issues with high school athletic trainers, coaches, students and parents. He currently serves as the Neurosurgical consultant to the Boston College Eagles Football team as well as Neurosurgical consultant to the Boston Cannons professional soccer team. He recently was asked by the NFL Commissioner Roger Goodell to give two presentations at the NFL's concussion meeting in Chicago.

Dr. Cantu is currently working on his 30th book *"Concussion and Our Kids; America's Leading Expert on How to Protect Young Athletes and Keep Sports Safe"* to be released in September of 2012 by Houghton Mifflin Harcourt Publishing Company.

Practicing what he preaches, Dr. Cantu has enjoyed long-distance running since 1967. An official entrant in many Boston Marathons, he has also enjoyed the "long runs" at Newport and New York City,. Besides running, Dr. Cantu is a serious tennis player, for many years ranked in the men's senior singles in New England (NELTA) region. Dr. Cantu has two children, Rob and Elizabeth and lives with his wife Tina in Lincoln, Massachusetts.

PUBLICATIONS: 367

BOOK CHAPTERS	**88**
REFEREED ARTICLES	**154**
BOOKS	**30**
NON-REFEREED ARTICLES	**44**
ABSTRACTS AND FREE COMMUNICATIONS	**29**
SPORTS MEDICINE EDUCATIONAL VIDEOS	**15**
IN PRESS	**7**

BOOK CHAPTERS

1. Cantu RC: The treatment and prevention of athletic low back injuries, in Vinger FP, Hoerner EF (ed): Sports Injuries: the Unthwarted Epidemic, Littleton, PSG Publishing, Inc, 1980.

2. Cantu RC: Nutrition and endurance exercise: Facts, myths, speculations, in Cantu RC (ed): Health Maintenance Through Physical Conditioning, Littleton, Wright-PSG Publishing, Inc, 1981.

3. Cantu RC: The prevention of athletic head and spine injuries, in Cantu RC (ed): Health Maintenance Through Physical Conditioning, Littleton, Wright-PSG Publishing, Inc, 1981.

4. Cantu RC, Day RG: Corporate fitness centers, in Cantu RC (ed): The Exercising Adult, Lexington, The Collamore Press, D.C. Heath & Co, 1981.

5. Cantu RC: Head and cervical spine injuries, in Cantu RC (ed): The Exercising Adult, Lexington, The Collamore Press, D.C. Heath & Co, 1981.

6. Cantu RC: Lumbar spine injuries, in Cantu RC (ed): The Exercising Adult, Lexington, The Collamore Press, D.C. Heath & Co, 1981.

7. Cantu RC: Conditioning the cardiovascular system, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

8. Cantu RC: Nutrition for sports, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

9. Cantu RC: Exercise and life-style modifications in primary care practice, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

10. Cantu RC: Writing a precise aerobic exercise prescription, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

11. Cantu RC: Sports injuries in young athletes, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

12. Cantu RC: The sports medicine bag of the primary care team physician, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

13. Cantu RC: Head and neck injuries, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

14. Cantu RC: Lumbar spine injuries, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

15. Cantu RC: Torso and genitourinary tract injuries, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

16. Cantu RC: Upper extremity injuries, in Cantu RC (ed): Sports Medicine in Primary Care, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

17. Cantu RC: Sports and the handicapped child, in Micheli LJ (ed): Sports Injuries in the Child and Adolescent, Boston, Little Brown & Co, 1982.

18. Cantu RC: Techniques of spinal fusion, in Schmidek HH, Sweet W (ed): Current Techniques in Operative Neurosurgery, Orlando, Grune & Stratton, Inc, 1982.

19. Cantu RC: Epidemiology, biomechanics, and diagnoses of head and cervical spine injuries, in Cantu RC (ed): Sports Medicine-Sports Science: Bridging the Gap, Lexington, The Collamore Press, D.C. Heath & Co, 1982.

20. Cantu RC: Intracranial injuries, in Butler RB, Moore MJ, Cantu RC (ed): Neurology in Primary Care, New York, MacMillan Publishing Co, 1985.

21. Cantu RC: Cervical, thoracic and lumbar spine injuries, in Butler RB, Moore MJ, Cantu RC (ed): Neurology in Primary Care, New York, MacMillan Publishing Co, 1985.

22. Cantu RC: Intervertebral disc disease: Acute rupture, spondylosis and spinal stenosis, in Bulter RB, Moore MJ, Cantu RC (ed): Neurology in Primary Care, New York, MacMillan Publishing Co, 1985.

23. Cantu RC: Head and spine injuries in the young athlete, in Micheli LJ (ed): Clinics in Sports Medicine: Injuries in the Young Athlete. Philadelphia, W.B. Saunders Co, 1988.

24. Cantu RC: Techniques of fusion in the cervical, thoracic, and lumbar spine, in Schmidek HH, Sweet WH (ed): Operative Neurosurgical Techniques: Indications, Methods and Results, ed 2. Orlando, Grune & Stratton, Inc, 1988.

25. Cantu RC: Head injury in sports, in Grana WA, Lombardo JA (ed): Advances in Sports Medicine and Fitness, vol 2. Chicago, Year Book Medical Publishers, 1989.

26. Cantu RC: Head and neck injuries, in Mueller FO, Ryan A (ed): The Sports Medicine Team and Athletic Injury Prevention. Philadelphia, F.A. Davis Co, 1990.

27. Cantu RC: Osseous fusion of the cervical, thoracic, and lumbar spine with primary and metastatic spine tumors, in Schmidek HH, Schiller AL, Rosenthal DI, Sundaresan N (ed): Tumors of the Spine: Diagnosis and Clinical Management, Philadelphia, W.B. Saunders Company, 1990.

28. Cantu RC: Criteria for return to competition following a closed head injury, in Torg JS (ed): Athletic Injuries to the Head, Neck, and Face, ed 2. Chicago, Year Book Medical Publishers, 1991.

29. Cantu RC: Position statement of the American Medical Association on boxing: Analysis and perspective, in Torg JS (ed): Athletic Injuries to the Head, Neck, and Face, ed 2. Chicago, Year Book Medical Publishers, 1991.

30. Cantu RC: The nervous system, in Strauss RH (ed): Sports Medicine, ed 2. Philadelphia, W.B. Saunders Co, 1991.

31. Cantu RC: Minor head injuries in sports, in Dyment PG (ed): Adolescent Medicine: State of the Art Reviews, 2(1). Philadelphia, Hanley & Belfus, Inc, 1991.

32. Mueller FO, Cantu RC: The annual survey of catastrophic football injuries: 1977-1988, in Holloszy JO (ed): Exercise and Sport Sciences Reviews, vol 19. Baltimore, Williams & Wilkins, 1991.

33. Cantu RC: Transportation/immobilization: Criteria for return to competition after head or cervical spine injury, in Cantu RC, Micheli LJ (ed): American College of Sports Medicine: Guidelines for the Team Physician, Philadelphia, Lea & Febiger, 1991.

34. Young JE, Cantu RC: Life-threatening emergencies, in Cantu RC, Micheli LJ (ed): American College of Sports Medicine: Guidelines for the Team Physician. Philadelphia, Lea & Febiger, 1991.

35. Cantu RC: Criteria for return to competition after head or cervical spine injury, in Cantu RC, Micheli LJ (ed): American College of Sports Medicine: Guidelines for the Team Physician. Philadelphia, Lea & Febiger, 1991.

36. Mueller FO, Cantu RC: Annual survey of catastrophic football injuries: 1977-1992, in Hoerner EF (ed): Head and Neck Injuries in Sports. Philadelphia, ASTM, 1994.

37. Cantu RC: How to make professional boxing safer: the American Medical Association controversy, in Hoerner EF (ed): Head and Neck Injuries in Sports. Philadelphia, ASTM, 1994.

38. Cantu RC: Medicine's stand on boxing in the 20th century, in Cantu RC (ed): Boxing and Medicine. Champaign, Human Kinetics, 1995.

39. Cantu RC: Brain injuries, in Cantu RC (ed): Boxing and Medicine. Champaign, Human Kinetics, 1995.

40. Cantu RC: How to make professional boxing safer, in Cantu RC (ed): Boxing and Medicine. Champaign, Human Kinetics, 1995.

41. Cantu RC: Sports medicine aspects of cervical spinal stenosis, in Exercise and Sports Science Reviews, vol 23. Baltimore, Williams & Wilkins, 1995.

42. Cantu RC: Head and spine injuries in youth sports, in Micheli LJ (ed): Clinics in Sports Medicine, vol 14(3). Philadelphia, W.B. Saunders Company, 1995.

43. Cantu RC: Head and neck injuries, in Kibler WB (ed): American College of Sports Medicine: Handbook for the Team Physician. Baltimore, Williams & Wilkins, 1996.

44. Cantu RC: Diagnosis and management of concussion, in Sallis RE, Massimino F (ed): American College of Sports Medicine: Essentials of Sports Medicine. St. Louis, Mosby Year-Book, 1996.

45. Cantu RC: Diagnosis and management of concussion, in Sallis RE, Allen ME, Massimino F (ed): American College of Sports Medicine: Sports Medicine Review. St. Louis, Mosby Year-Book, 1996.

46. Cantu RV, Cantu RC, Wilberger JE: Sports-related spinal cord injury, in Narayan RK, Wilberger JE, Povlishnock JT (ed): Neurotrauma. New York, McGraw-Hill, 1996.

47. Cantu RC: Guidelines for return to contact sports in Hoerner EF (ed): Safety in American Football. West Conshohocken, ASTM, 1996.

48. Cantu RC: Catastrophic head and spine injuries, in Mueller FO, Cantu RC, Van Camp SP (ed): Catastrophic Injuries in High School and College Sports. Champaign, Human Kinetics, 1996.

49. Cantu RC: Second Impact Syndrome, in Cantu RC (ed): Clinics In Sports Medicine: Neurologic Athletic Head and Neck Injuries. Philadelphia, W.B. Saunders Company, 1998.

50. Cantu RC: Return to Play Guidelines After a Head Injury, in Cantu RC (ed): Clinics In Sports Medicine: Neurologic Athletic Head and Neck Injuries. Philadelphia, W.B. Saunders Company, 1998.

51. Cantu RC: The Cervical Spinal Stenosis Controversy, in Cantu RC (ed): Clinics in Sports Medicine: Neurologic Athletic Head and Neck Injuries. Philadelphia, W.B. Saunders Company, 1998.

52. Cantu RC, Bailes JE, Wilberger JE: Guidelines for Return to Contact or Collision Sport After a Cervical Spine Injury, in Cantu RC (ed): Clinics In Sports Medicine: Neurologic Athletic Head and Neck Injuries. Philadelphia, W.B. Saunders Company, 1998.

53. Cantu RC: Head Injuries, in Safran M (ed): Spiral Manual of Sports Medicine. New York, Lippencott-Raven Publishers, 1998.

54. Proctor MR, Cantu RC: Head and Neck Injuries in Young Athletes, In Clinics and Sports Medicine. WB Saunders Company, 2000.

55. Cantu RC: Classifications and Clinical Management of Concussion, In Sports Medicine and Neurosurgery, 2000, The American Association of Neurological Surgeons.

56. Cantu RC: Cervical Spine Injuries in the Athlete, In Seminars in Neurology on Sports Neurology. Michael Cherington, editor 2000.

57. Cantu RC: Injuries to the Head and Cervical Spine, In Textbook Paediatric Exercise Science and Medicine. Willem van Mechelen and Neil Armstrong, editors, Oxford Press, 2000.

58. Cantu RC: Overview of Concussion, Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

59. Cantu RC: Life Threatening Head Injuries: Malignant Brain Edema and Second Impact Syndrome. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

60. Cantu RC: Guidelines for Safe Return to Play After Athletic Head and Neck Injuries. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

61. Cantu RC: Cervical Spinal Stenosis: Diagnosis and Return to Play Issues. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

62. Cantu RC: Guidelines for Return to Contact or Collision Sport After a Cervical Spine Injury. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

63. Cantu RC: Biomechanics of Head Injury. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

64. Cantu RC: Return to Play Guidelines After Concussion. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

65. Cantu RC: Life Threatening Head Injuries: Intracranial Hematoma. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

66. Cantu RC: Return to Competition After Life Threatening Head Injury. Neurologic Athletic Head and Spine Injuries. WB Saunders Company, Philadelphia, PA, 2000.

67. Cantu RC: Classification and Management of Concussion, In Neurological Sports Medicine, A Guide for Physicians and Trainers. American Association of Neurologic Surgeons, Rolling Meadows, IL 2001.

68. Cantu RC: Head Injuries in Adults, In Orthopaedic Sport Medicine. Edited by Jesse C. DeLee, M.D. and David Drez, Jr., M.D. Elsevier Science, Philadelphia, PA 2002.

69. Cantu RC: Recurrent Athletic Head Injury: Risks and When to Retire, In Clinics in Sports Medicine. Edited by D. Greg Anderson, M.D. and Gregory A. Helm, M.D., Ph.D. W. B. Saunders Company. Philadelphia, PA 2003.

70. Bailes J, Maroon J, Cantu R: Athlete with Spine Injury. In Spine Surgery Techniques, Complication Avoidance, and Managaement Second Edition. Elsevier Science, Philadelphia, PA 2005.

71. Neurotrauma: Evidence-based Answers to Common Questions: How Important are Stingers. Thieme Medical Publishers, New York, N.Y. 2001

72. Cantu RV, Cantu RC: Athletic Head Injuries. Clinical Sports Medicine. Eited by Walter R. Frontera, MD; Lyle Micheli MD; Stanley A. Herring, MD and Julie K. Silver, MD. W.B. Saunders Company. Philadelphia, PA 2005.

73. Proctor MR, Cantu RC: Specific Injuries by Anatomic Location – NECK. Clinical Sports Medicine. Eited by Walter R. Frontera, MD; Lyle Micheli MD; Stanley A. Herring, MD and Julie K. Silver, MD. W.B. Saunders Company. Philadelphia, PA 2005.

74. Cantu RC, Cantu RV: Head Injuries. Sports Medicine. Edited by Anthony A. Schepsis; Brian D. Busconi. Littincott, Williams & Wilkins. Philadelphia, PA 2006;88-95.

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  Cantu RC: "Functional Anatomy & Biomechanics: Exam of the Patient with Low-Back Pain"

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  Cantu RC: "Legal Aspects of Sports Medicine and Role of the Team Physician"

  Cantu RC: "Epidemiology, Recognition, and Acute Management of Closed Head Injury/Concussion"

  Cantu RC: "Return to Competition After Head Injury"

  Cantu RC: "Fractures and Dislocations of Cervical Spine"

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RECENT LECTURE PRESENTATIONS/MEETINGS

6.16.12	NOCSAE Meeting Kansas City
6.1.12	ARP Meeting ACSM Meeting San Francisco, CA
5.18.12	BWH Annual Meeting Fenway Park Boston, MA
5.11.12	Andrews Research and Educational Institute Annual Meeting "Update on Concussion" Destin, FL
5.10.12	CDC Pediatric Mild TBI Webinar Kickoff
4.23.12	National School Board Association Meeting "School Boards and Prevention of Concussion and Other Head Injuries" Boston Convention Center Boston, MA
4.18.12	NOCSAE Board Retreat Meeting Atlanta, GA
4.17.12	NOCSAE Board Retreat Meeting Atlanta, GA
4.13.12	Emerson Hospital Grand Rounds "Current Concepts and Future Trends in Concussion Evaluation, Management and Treatment" Assembly Room A/B Emerson Hospital Concord, MA
3.28.12	Ivy League Multi-Sport Concussion Committee NYC, NY Bob by conference call
3.27.12	NFLPA 2012 Mackey White TBI Committee Meeting Marco Island Marriott Resort, Golf Club & Spa Marco Island, FL
3.23.12	Harvard Law School Sports Law Symposium "Concussion and CTE panel discussion" Harvard Law School Cambridge, MA
3.23.12	Parker Memorial DBP CME Program BU/BMC "Youth Concussions: Diagnosis, Management Including Return to Play and Prevention" Boston University School of Medicine Boston, MA

3.21.12	FC Stars of MA "Concussion and Our Youth" Nashawtuc Country Club Concord, MA
3.15.12	Kevin Meeting UNC NFL Retired Players Meeting Chapel Hill, NC Bob by conference call
3.10.12	ARP Meeting Indianapolis, IN
3.8.12	NHL Meeting NY, NY
2.25.12	Professional Football Chiropractic Annual Meeting "Concussion and the NFL" Indianapolis, IN
2.13.12	NFL Head, Neck and Spine Committee Meeting NFL Headquarters NY, NY
2.7.12	AAOS Instructional Course "Concussion" San Francisco, CA
1.28.12	LifeBridge Health Concussion Symposium "Chronic Effects of Concussive Injury" Sinai Hospital of Baltimore Zamoiski Auditorium Baltimore, MD
1.25.12	Syracuse Neuroscience Grand Rounds "Short and Long Term Consequences of Mismanaging a Concussion Upstate Medical University Syracuse, NY
1.21.12	NOCSAE Board Meeting SAC Report to Board of Trustees Royal Palms Phoenix, AZ
1.7.12	Eastern Athletic Trainers Association "Concussion Update" Copley Plaza Boston, MA
12.10.11	Beth Israel Deaconess Hospital Core Curriculum Series "Traumatic Brain Injury: From Concussions to More Severe Injuries" Dedham Holiday Inn Dedham, MA

12.9.11	Retired Men's Association "Concussion Update" First Baptist Church Sudbury, MA
12.5.11	Congressional Hearings Testimony NOCSAE Congress Washington, DC
11.17.11	Hyannis Rotary Club Luncheon "Concussion Crisis" Hyannis Country Club Hyannis, MA
11.14.11	NOCSAE Youth Football Helmet Meeting Westin Atlanta Airport Atlanta, GA
11.4.11	Boston Shoulder and Sports Symposium 2011 "Concussion Update" Conference Center at Waltham Woods Waltham, MA
10.28.11	2011 Brain Trauma and Athletic Conference Boston University Center for the Study of Traumatic Encephalopathy "Return to Play Guidelines and Step-by-step Clinical Recommendations" Framingham Sheraton Framingham, MA
10.27.11	APR Annual Meeting "Chronic Traumatic Encephalopathy" Omni Orlando Resorts Championship Gate Orlando, FL
10.24.11	Harvard University Lunch Time Learning Talk "The neurophysiological cascade of concussion and brain damage – what is going on in the gray/white matter? Brain stem trauma – shearing/tearing – CNS damage from whiplash direct blows Murr Center, Harvard University Boston, MA
9.26.11	2011 Boston Public Schools Advanced Concussion Training "Concussion Management for Coaches" Northeastern University Boston, MA
9.22.11	Athletics Committee Williams College "New Trends in Concussion Management" Williams College Williamstown, MA
9.22.11	Athletics Committee Williams College "Concussion for Coaches and Trainers" Williams College Williamstown, MA

9.21.11 Grand Rounds Haywood Hospital
"Current Evaluation and Management of Concussion"
Henry Haywood Hospital
Gardner, MA

7.23.11 1st Annual USOC Sports Medicine Symposium
"Keynote Presentation: Current Concepts and Future Trends in Concussion Evaluation, Management, and Treatment
Olympic Training Center
Colorado Springs, CO

7.17.11 ATSNJ 2nd Annual Sports Concussion Summit
"Keynote Presentation: Long-Term Effects of Concussion
Wyndham Princeton Forrestal Village
Plainsboro, NJ

6.17.11 NOCSAE Board Meeting
"Report of the Scientific Advisory Committee Meeting of 4.22.11
Carolina Inn
UNC Chapel Hill

6.4.11 2011 Jacksonville Concussion Summit
"Concussion Management in your Community"
Brooks Rehabilitation Hospital
Jacksonville, FL

6.4.11 2011 Jacksonville Concussion Summit
"Concussion 101"
Brooks Rehabilitation Hospital
Jacksonville, FL

5.28.11 Canadian Athletic Trainers Association Annual Meeting
"Chronic Traumatic Encephalopathy"
Banff, Alberta Canada

5.27.11 Sports-Related Conference on Concussion & Spine Injury
"How the NFL Has Become a Leading Concussion Advocate"
Fenway Park
Boston, MA

5.7.11 Sports Related Concussion and Cervical Spine Injury Symposium
"Everything You Wanted to Know About Sports Related Concussion: Epidemiology/Incidence/Research"
Rust Auditorium – North Shore University Hospital
Manhasset, NY

5.6.11 Andrews Institute "Injuries in Football" Conference
"Concussion: More Than Just a Headache"
Destin, FL

4.30.11 Inaugural UNC Matthew Gfeller Center Sport-Related Neurotrauma Symposium
"Catastrophic and Long-Term Outcomes of TBI"
UNC Chapel Hill

4.30.11	Inaugural UNC Matthew Gfeller Center Sport-Related Neurotrauma Symposium "Pharmacological Interventions and Return-To-Play After Spinal Injury" UNC Chapel Hill
4.29.11	Head Injury Symposium: Stunts & Tumbling, Cheerleading and other female sports "Keynote Message, The Latest on the Concussion Crisis" Omni Parker House Hotel Boston, MA
4.22.11	NOCSAE Scientific Advisory Committee Meeting Westin Atlanta Atlanta, GA
4.1.11	MMS and DPS Sports Concussion Symposium and State Laws "Concussion Management and Prevention" Mass Medical Society Conference Room Waltham, MA
3.23.11	RI Primary Care Physicians Corporation "Concussion Management – New Strategies" Crowne Plaza Warwick, RI
3.19.11	Massachusetts Neurology Society "Traumatic Brain Injury – Pathophysiologic Mechanisms" Newton Marriott Newton, MA
2.26.11	Joint Commission on Sports Medicine and Science "Boxing Policy/Legislation: How it Can Be Improved" Philadelphia Convention Center Philadelphia, PA
2.26.11	Joint Commission on Sports Medicine and Science "Concussion Landscape" Philadelphia Convention Center Philadelphia, PA
2.25.11	NFL Players Association Mackie/White TBI Committee "Concussion and the Role of the Helmet" Conrad Hotel Indianapolis, Indiana
02.02.11	39th Annual INS Meeting "Chronic Traumatic Encephalopathy: Long-term Consequences of Repetitive Brain Trauma" Boston, MA
1.14.11	Washington DC Children's Hospital National Forum on Youth Sport Concussion Taking Action State by State "The Concussion Landscape" Children's National Medical Center Washington, DC

1.11.11	Brigham Young University College of Life Sciences Sports Concussion and Brain Injury Seminar "Brain Injuries and Concussions" Brigham Young University, Provo, UT
12.13.10	NFL Players Association Meeting Mackey-White TBI Committee Members Washington, DC
12.8.10	NFL Meeting "NOCSAE: Current and future helmet standards NYC, NY
11.18.10	Retired Athletes Meeting Chapel Hill, NC
11.10.10	Get aHead Workshop: Emerging Knowledge and Significance of Sports-Related Concussions "International Perspective On Concussions" Dartmouth-Hitchcock Medical Center Hanover, NH
11.04.10	AAPRP Annual Meeting The Brain and Neck In Boxing and Related Sports "Concussion Definitions and Clinical Manifestations Omni Orlando Resort at ChampionsGate Orlando, FL
11.01.10	Hockey Concussion in Canada Hockey Concussion Education Project (HCEP) – an Independent Physicians' Study – Presentation of findings – Press Conference InterContinental Toronto Centre – Ontario Room Toronto, Canada
10.29.10	Boston Shoulder and Sports Symposium 15th Annual "Update Athletic Head and Neck Injuries" Mass Medical Society Conference Center Waltham, MA
10.20.10	Ice Hockey Summit: Action on Concussions "Incorporating Hockey and Medical Knowledge with Action Items for Prevention" Mayo Clinic Rochester, MN
10.13.10	Lincoln Sudbury Regional High School Sports Conference "Concussion in Sports Update" LSRHS Auditorium Sudbury, MA
10.5.10	"Gender and Age Effects On Concussion" 22nd Annual Ironman Sports Medicine Conference in Conjunction with the 2010 Ford Ironman World Championships Royal Kona Resort Kailua-Kona, HI

10.5.10	"Overview of Sports Related Concussion" 22nd Annual Ironman Sports Medicine Conference in Conjunction with the 2010 Ford Ironman World Championships Royal Kona Resort Kailua-Kona, HI
10.1.10	BU Second Annual Head Trauma in the Athlete Conference Massachusetts Medical Society Auditorium Waltham, MA
9.23.10	Emerson Hospital Youth Sports Injury Symposium Concussions in Sports Concord Carlisle High School Auditorium Concord, MA
9.22.10	New Hampshire Pediatric Society "Concussion Recognition, Management and Long term Sequellae" SERESC Conference Center Bedford, NH
9.15.10	Brigham and Women's Hospital CORE Meeting "Head Injuries and Athletes and Return to Play" Brigham and Women's offsite at Chestnut Hill Chestnut Hill, MA
8.21.10	Athletic Trainers Association of New Jersey Concussion Summit "Management of Concussion 2010" Philadelphia, PA
6.28.10	"Coaches and Concussion" Hooksett, NH
6.17.10	"Physical Fitness and Sports Medicine – Post Concussion" "Short and Long Term Consequences of Mismanaging Concussion" 8th Annual Symposium on Men's Health Mass Medical Society Headquarters Waltham, MA
6.12.10	United States Sports Academy 2009 United States Sports Academy Ernst Jokl Sports Medicine Award Presentation To Dr. Robert Cantu Harvard University Cambridge, MA
5.18.10	Association of Chief Executives of Sport "Short and Long Term Consequences of Mismanaging Concussion Antlers Hilton Hotel Colorado Springs, CO
5.14.10	"What is a Concussion? Current Consensus Guidelines" The Seventh Annual Sports-Related Conference on Concussion & Spine Injury Presented by Brigham and Women's Hospital Fenway Park Boston, MA

5.7.10	Keynote Speaker "Chronic Traumatic Encephalopathy" Neurology in the News The University of Toledo, Department of Neurology and Center for Continuing Medical Education Eleanor N. Dana Conference Center – University of Toledo Toledo, Ohio
4.29.10	"Concussion in Sports Presentation at the CDC" National Center for Injury Prevention and Control Centers for Disease Control and Prevention Atlanta, GA
4.26.10	"2010 Sports and Society Colloquium" Brown University, Salomon Hall Providence, RI
4.22.10	"Short and Long Term Consequences of Mismanaging an Athletic Concussion" 2010 Injuries in Football Course Andrews Institute Pensacola, FL
4.8.10	"Short and Long Term Consequences of Mismanaging Concussion" Massachusetts General Hospital Neurosurgery Grand Rounds Ether Dome, MGH Boston, MA
4.7.10	"Short and Long Term Consequences of Mismanaging a Concussion" Boston University Grand Rounds Boston University School of Medicine Continuing Medical Education Boston, MA
3.12.10	"The Triad of Symptomatic Concussion, Second Impact Syndrome and Thin Subdural Hematoma" Is Football Bad for the Brain? Forensic Scientific, Medical-Legal and Societal Aspects of Concussion Debate The Cyril H. Wecht Institute of Forensic Science and Law
3.12.10	"Update on NFL Concussion Committee Experiences" Is Football Bad for the Brain? Forensic Scientific, Medical-Legal and Societal Aspects of Concussion Debate The Cyril H. Wecht Institute of Forensic Science and Law
3.7.10	"Interactive Case Studies Youth Sports Concussions: Education to Legislation Kane Hall Rm 130 University of Washington Campus Seattle, Washington
3.6.10	Keynote Speaker "Chronic Traumatic Encephalopathy" Youth Sports Concussions: Education to Legislation Kane Hall Rm 130 University of Washington Campus Seattle, Washington

2.18.10	"The Short and Long Term Consequences of Mismanaging Concussion" Concussion and Mild Traumatic Brain Injury: Update 2010 CSM Annual Meeting Omni San Diego Hotel San Diego, CA
1.26.10	NFL Players Association Concussion Committee Medical Committee Breakers Palm Beach, FL
1.9.10	"Concussions" Eastern Athletic Trainers Association Annual Meeting Marriott Copley Boston, MA
11.10.09	"Managing Concussion" Pediatric Brain Injury Conference – BIA-MA Best Western Royal Plaza Marlborough, MA
11.6.09	"Panel Discussion on TBI" Partnership for Military Medicine Symposium Omni Shoreham Hotel Washington, DC
10.30.09	"Concussions" Fourteenth Annual Boston Shoulder and Sports Symposium 2009 Conference Center Waltham Woods, Waltham, MA
10.29.09	CNN - Lou Dobbs "Testimony before U.S. House Judiciary Committee" Time Warner Building – CNN Headquarters, NYC New York, NY
10.29.09	"Testimony Before U.S. House Judiciary Committee – Hearing on Legal Issues Relating To Football Head Injuries" Rayburn Building Washington, DC
10.16.09	"Study of Traumatic Encephalopathy" The American Association of Professional Ringside Physicians, Inc. 2009 Annual Medical Seminar Mohegan Sun Uncasville, CT
10.2.09	Welcoming Remarks "Overview of Current Concussion Consensus Statements Including Zurich Conference" Concussion and the Athlete Boston University Medical Center School of Medicine Continuing Education Gillette Stadium, Foxboro, MA

10.2.09	"Panel Discussion" Concussion and the Athlete Boston University Medical Center School of Medicine Continuing Education Gillette Stadium, Foxboro, MA
10.2.09	"Chronic Traumatic Encephalopathy and the Athlete – Update from the Center for the Study Of Traumatic Encephalopathy" Concussion and the Athlete Boston University Medical Center School of Medicine Continuing Education Gillette Stadium, Foxboro, MA
9.3.09	"Traumatic Brain Injury in Sports: When Can the Athlete Return to Play?" XIV World Congress of Neurological Surgery of the WFNS Boston, MA
6.18.09	"The Concussion Dilemma: Are We Headed in the Right Direction" 60th NATA Annual Meeting and Clinical Symposia Henry B. Gonzalez Convention Center San Antonio, TX
5.27.09	"Managing Sports Related Concussion in the Youth and Adolescent Athlete" American College of Sports Medicine Annual Meeting Seattle, WA
5.20.09	"Overview of Sports Concussion Consensus Statements and Chronic Traumatic Encephalopathy" Brain Injury Association of New Hampshire 26th Annual Brain Injury and Stroke Conference Radisson, Manchester, NH
5.15.09	"Playing with Post Concussion Symptoms: Alarming Rates and Prevalence" 3rd Annual National Summit on Concussion and Other Sports Medicine Injuries Westin Hotel LAX Los Angeles, CA
5.15.09	"What Should a Concussion Evaluation Consist Of" 3rd Annual National Summit on Concussion and Other Sports Medicine Injuries" Concurrent Afternoon Session Westin LAX Los Angeles, CA
5.14.09	Keynote Address: College Athletic Trainers' Society 2009 Spring Symposium for Athletic Trainers and Team Physicians The Orleans Hotel and Casino Las Vegas, Nevada
5.9.09	"Concussion Management: Yesterday, Today and Tomorrow" Sanford Sports Medicine Symposium Sanford University South Dakota Medical Center Sioux Falls, South Dakota
5.9.09	"Return to Play Issues Following Cervical Spine Injury" Sanford Sports Medicine Symposium Sanford University South Dakota Medical Center Sioux Falls, South Dakota

5.9.09 "Catastrophic and Long Term Effects of Concussion"
Sanford Sports Medicine Symposium
Sanford University South Dakota Medical Center
Sioux Falls, South Dakota

5.9.09 "On-the-Field Management of the Concussed Athlete"
Sanford Sports Medicine Symposium
Sanford University South Dakota Medical Center
Sioux Falls, South Dakota

5.1.09 "Overview: Current Concussion Guidelines from the International Study Group"
6th Annual Sports Conference
BWH Hospital Conference
Fenway Park
Boston, MA

4.27.09 "Coaches Education Initiative"
Neurologic Head and Spine Injuries Semester Course Lecture
University of North Carolina – Doctorate Program Presentation
Chapel Hill, NC

4.27.09 "Celebrity Athletes – Is Management the Same?"
Neurologic Head and Spine Injuries Semester Course Lecture
University of North Carolina – Doctorate Program Presentation
Chapel Hill, NC

4.27.09 "Legal Case Discussion Sport and the Law"
Neurologic Head and Spine Injuries Semester Course Lecture
University of North Carolina – Doctorate Program Presentation
Chapel Hill, NC

4.21.09 "Traumatic Brain Injury & Physiological Disorders Facing Athletes Post Performance"
Summit on Health of the Former Professional Athlete
LaQuinta Spa and Resort
Palm Springs, CA

4.13.09 "Pharmacological Interventions in Management of Spine Injuries"
Neurologic Head and Spine Injuries Semester Course Lecture
University of North Carolina – Doctorate Program Presentation
Chapel Hill, NC

4.13.09 "Return to Play After Spinal Injury"
Neurologic Head and Spine Injuries Semester Course Lecture
University of North Carolina – Doctorate Program Presentation
Chapel Hill, NC

4.13.09 "Spine Injuries and Contraindications to Participation in Collision Sports"
Neurologic Head and Spine Injuries Semester Course Lecture
University of North Carolina – Doctorate Program Presentation
Chapel Hill, NC

4.5.09 "Current Concussion Classification and Return to Play Criteria"
First Annual Spring Current Concepts in Sports Related Concussions Symposium
Athletic Trainer Solutions
St. Paul Catholic High School
Bristol, CT

3.16.09	"Overview of Injury Types and Associated Complications" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
3.16.09	"Anatomy and Biomechanics of Spine Injuries in Sport" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
3.16.09	"Spine Injuries – Which Sports are at Greatest Risk and Why?" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
2.16.09	"Case Studies" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
2.16.09	"Parkinson's Disease" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
2.16.09	"Chronic Traumatic Encephalopathy" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
2.16.09	"Post Concussion Syndrome" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.27.09	Press Conference Chronic Traumatic Encephalopathy In Association with the Super Bowl Tampa, Florida
1.26.09	"Anatomical Dissection of the Brain" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.26.09	"Headaches in the Athlete" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.26.09	"Epilepsy and Athletics" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC

1.26.09	"Stroke in Athletes" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.26.09	"Malignant Brain Edema and Second Impact Syndrome" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.26.09	"Intercerebral Hematoma" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.17.09	"Current Testing and Return to Play Issues/Guidelines – Zurich Update" London Hockey Concussion Summit London Hilton Hotel London, Ontario, Canada
1.12.09	"Ionic and Metabolic Consequences of Concussion" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.12.09	"Athletic Head Injuries – Which Sports are at Greatest Risk and Why?" Neurologic Head and Spine Injuries Semester Course Lecture University of North Carolina – Doctorate Program Presentation Chapel Hill, NC
1.9.09	"Post Concussion Syndrome and Traumatic Encephalopathy" Emerson Hospital Medical Staff Clinical Conference Emerson Hospital, Concord, MA
1.6.09	"Post Concussion Syndrome and Traumatic Encephalopathy" Boston University Grand Rounds Presentation Boston, MA
10.30-31.08	"Is Immediate Return to Play in the Same Game Ever Justified?" 3rd International Conference on Concussion in Sport Hotel Zurichberg Zurich Switzerland
10.18.08	"Pituitary Dysfunction in Professional Boxing and the National Football League" 2008 Annual Medical Seminar, AAPRP Paris/Bally's Resort & Casino Las Vegas, Nevada
10.3.08	"Return to Boxing After Subdural Hematoma – When?" World Boxing Association Medical Seminar, 87th Annual Convention Hotel Barcelo Bavaro Palace Punta Cana, Dominican Republic

9.18.08 "Traumatic Brain Injury and Shaken Baby Syndrome"
14th International Conference Child Abuse Allegations: Separating Scientific Fact from Fiction
Riviera Hotel and Casino
Last Vegas, NV

7.24.08 "Preventive Aspects of Sports Concussion"
New Developments in Sports-Related Concussion Conference
Sheraton Station Square
Pittsburgh, PA

6.21.08 "Concussion in Sports"
New York State Public High School Athletic Association (NYSPHSAA)
Saratoga, NY

6.11.08 "Neurotrauma in Sports"
Symposium on the Prevention of Spinal Cord Injuries and Concussions in Hockey
Hockey Hall of Fame
Toronto, Canada

5.28.08 "Neuropsychological Assessment of the Concussed Athlete: Only One Piece of the Concussion Puzzle"
ACSM 55th Annual Meeting
Indianapolis, IN

5.9.08 "Concussion in Women Athletes"
2008 Sports Related Conference on Concussion and Spine Injury
Brigham and Women's Hospital
Fenway Park
Boston, MA

5.3.08 "Concussion in Sports"
The Hill School
Pottstown, PA

5.1.08 "Concussion and High School Sports, Risks and Management"
Arlington High School
Arlington, MA

4.19.08 "Concussion in Sports: Does Gender Matter?"
The National Concussion Summit
Concussion in Sports: Advancing Health and Safety
Marriott Hotel
Marina del Rey, CA

4.18.08 "Concussion in Sports: Does Gender Matter?"
The National Concussion Summit
Concussion in Sports: Advancing Health and Safety
Marriott Hotel
Marina del Rey, CA

4.3.08 "Concussions and Sports"
Winchester High School
Winchester, MA

3.13.08	"Clinical Models for Concussion Management and Return to Play" Fourth International Meeting on Minor Traumatic Brain Injury in Sports Hotel Crystal, St. Moritz, Switzerland
3.8.08	"Concussions and the Sports Legacy Institute" Joint Commission on Sports Medicine and Science 2008 New Orleans Hilton Riverside New Orleans, LA
12.13.07	"Current Advances in Concussion Management/Traumatic Encephalopathy" Grand Rounds Brigham and Women's Hospital Boston, MA
11.29.07	"Concussion in Sports" Two presentations to student assemblies Concord Carlisle High School Concord, MA
11.28.07	"Concussion and Sports" Presentation for parents, coaches, trainers, nurses and physicians Concord Carlisle High School Concord, MA
11.26.07	"Chronic Traumatic Encephalopathy/Concussion" Boston Medical Center Grand Rounds Boston Medical Center Boston, MA
11.29.07	"Update Baby Joe Mesi" Medical Advisory Board Meeting Massachusetts Boxing Commission McCarthy Building Boston, MA
11.29.07	"More Than Just a Bump on the Head" Concord Carlisle High School Students Presentation Two Presentations One hour each to student body Concord, MA
11.28.07	"More Than Just a Bump on the Head" Concord Carlisle High School Parents Presentation Concord, MA
11.26.07	"Concussion and Sports Related Head Injury" Neurosurgery/Surgery Grand Rounds Boston University Medical Center Boston , MA
11.15.07	"Joe Mesi Update" AAPRP Annual Meeting Intercontinental Hotel and Resort San Juan, Puerto Rico

10/29/07	"Concussion in High School" Woburn High School Woburn, MA
10/26/07	"Concussion and Sudden Death: Coping With Two Crises" Independent School Health Association Annual Meeting New Canaan Country School New Canaan, CT
9/27/07	"Concussions in High School" Austin Prep School Reading, MA
9/24/07	"The Concussion Crisis in Football" U Mass Lowell Athletic Department Meeting McGauvran Hall Lowell, MA
9/17/07	"History of Concussion and Second Impact Syndrome" New Hampshire Interscholastic Athletic Association Annual Meting Courtyard by Marriott Concord, NH
7/13/07	"Concussion/Brain" The American Orthopedic Society for Sports Medicine Annual Meeting TELUS Convention Center Calgary, Canada
7/12/07	"Spine Instructional Course" The American Orthopedic Society for Sports Medicine Annual Meeting TELUS Convention Center Calgary, Canada
6/1/07	The D.B. Historical Lecture "The Evolution of Sports-related Concussion Recognition, Management and Prevention: The Science, the Art and the Politics." Annual Meeting ACSM New Orleans, Louisiana
5.5.07	"Concussion: How to make the diagnosis and Overview of Current Concussion Consensus Statements" Sports Specific Rehabilitation Program High Performance Sports, Inc. Peabody, MA
4/30/07	"Concussion Management and Diagnosis" New England University Medical Department Seminar New England University Biddeford, ME
4/27/07	"Overview of Current Concussion Consensus Statement" 2007 Sports Related Conference on Concussion and Spine Injury Fenway Park Boston, MA

4.20.07 "Traumatic Encephalopathy Among NFL Players"
The National Concussion Summit. Concussion in Sports: The Under-Recognized Public Epidemic
The Marriott Hotel
Los Angeles, CA

4/20/07 "Concussion in Sports: State of the Science - Discussant
The National Concussion Summit: Concussion in Sports: The Under-Recognized Public Epidemic
The Marriott Hotel
Los Angeles, CAS

4/18/07 "Argument to Ban Boxing – Analysis of Neurological Injury"
75th Annual Meeting of the American Association of Neurological Surgeons
Washington, DC

3/15/07 "Can the Recognition and Treatment of Hypopituitarism After mTBI Influence Post Concussion Syndrome"
Third International Meeting on Minor Traumatic Brain Injuries in Sports
St. Moritz, Switzerland

3/14/07 "How Many Concussion Are Too Many"
Third International Meeting on Minor Traumatic Brain Injuries in Sports
St. Moritz, Switzerland

12/8/06 "Cervical Spine Return to Play Issues"
ACSM - Advanced Team Physician Course
Omni Orlando Resort at Championsgate
Orlando, FL

12/8/06 "MBTI Return to Play Issues"
ACSM Advanced Team Physician Course
Omni Orlando Resort at Championsgate
Orlando, FL

11/9/06 "Concussion Management"
Acute Management of Mild Traumatic Brain Injury in Military Operational Settings
Department of Defense Meeting
Washington, DC

10/24/06 "A Case of Concussion in Pop Warner Football"
Playing It Safe
Brain Injury Association of Massachusetts Sports Injury Conference
Best Western Royal Plaza Hotel
Marlborough, MA

9/15/06 "Intracranial Bleeding in Boxing/The Joe Mesi Story Round 3"
American Association of Professional Ringside Physicians
2006 Annual Medical Seminar
Luxor Hotel and Casino
Las Vegas, NV

9/9/06 "Neurosurgery Head and Neck Injury Update"
Emerson Hospital Fall Sports Primer
Harvey Wheeler Community Center
Concord, MA

05/19/06 Case Presentations
Sports Related Concussion and Spine Injury Conference 2006
Brigham and Women's Neurological Injury Center
Fenway Park
Boston, MA

05/13/06 "Management of Cervical Injuries and Related Disorders"
Sports Medicine and Football: The 20006 Perspective
AOSSM Meeting
Seminole Hard Rock Hotel and Casino
Hollywood, FL

05/12/06 Physical Examination Spine
Sports Medicine and Football: The 2006 Perspective
AOSSM Meeting
Seminole Hard Rock Hotel and Casino
Hollywood, FL

03/10/06 "Return to Boxing After Intracranial Hemorrhage"
USA Boxing Physician Symposium 2006
US Olympic Training Center
Colorado Springs, CO

03/10/06 "Acute and Chronic Brain Injuries in Boxing"
USA Boxing Physician Symposium 2006
US Olympic Training Center
Colorado Springs, CO

03/07/06 "Acute TBI Assessment and Secondary Prevention"
Armed Forces Epidemiological Board Meeting
Armed Forces Medical Intelligence Center
Fort Detrick Frederick, MD

02/24/06 "Evolution of the Understanding of Concussion"
Concussion in Youth Sports Summit
Brain Injury Association of New Jersey
Stadium Club at Giants Stadium
Rutherford, NJ

10/28/05 "PASSOR: Sub-Acute Assessment and Management: Grading Systems: Initial Symptom Management: Second Impact Syndrome: When to Order Imaging"
American Academy of Physical Medicine and Rehabilitation
2005 Annual Assembly
Philadelphia Marriott Downtown
Philadelphia, PA

10/28/05 "PASSOR: Concussion/Mild Traumatic Brain Injury: Return to Play and Function Decision Making"
American Academy of Physical Medicine & Rehabilitation
2005 Annual Assembly
Philadelphia Marriott Downtown
Philadelphia, PA

10/27/05 "PASSOR: Vienna Conference Update and Future Decisions: Meet the Experts"
American Academy of Physical Medicine & Rehabilitation
2005 Annual Assembly
Philadelphia Marriott Downtown
Philadelphia, PA

6/25/05 "Catastrophic Spine Injury in American Football – effect of athlete education and rule change"
1st World Congress on Sports Injury Prevention
Holmenkollen Park Hotel
Oslo, Norway

5/20/05 "What's New in Concussion Research and Overview of Prague Concussion Consensus Statement
Brigham and Women's 2nd Annual Sports Medicine Symposium
Gillette Stadium
Foxboro, MA

5/20/05 "NATA/AFCA Spearing in Football Task Force Recommendations"
Brigham and Women's 2nd Annual Sports Medicine Symposium
Gillette Stadium
Foxboro, MA

5/13/05 "Concussion in Sports"
Mass Academy of Family Physicians Annual Meeting
Fort Point Sheraton
Leominster, MA

4/30/05 "Interesting Sport Medicine Cases of Concussion in Athletes"
Concussion in Sports Conference
Penn State University
The Penn Stater Conference Center Hotel
University Park, PA

4/29/05 "Concussion Classification: Scales and Categories"
Concussion in Sports Conference
Penn State University
The Penn Stater Conference Center Hotel
University Park, PA

3/10/05 "Catastrophic Spinal Injuries in Football"
5th Annual Sports Medicine and Neurotrauma Review
Portofino Bay Hotel
Orlando, FL

3/10/05 "Management of Difficult Spine Cases In Athletes"
5th Annual Sports Medicine and Neurotrauma Review
Portofino Bay Hotel
Orlando, FL

3/12/05 "When to Retire After a Concussion"
5th Annual Sports Medicine and Neurotrauma Review
Portofino Bay Hotel
Orlando, FL

3/12/05	"Can Second Impact Syndrome Be Eliminated?" 5th Annual Sports Medicine and Neurotrauma Review Portofino Bay Hotel Orlando, FL
3/12/05	"Recommendations from 2004 NATA Position Statement" 5th Annual Sports Medicine and Neurotrauma Review Portofino Bay Hotel Orlando, FL
3/12/05	"2004 Prague International Concussion Conference Consensus Statement" 5th Annual Sports Medicine and Neurotrauma Review Portofino Bay Hotel Orlando, FL
3/15/05	"Concussion, Head and Neck Injuries" Spring Sports Primer Emerson Hospital/Harvey Wheeler Community Center West Concord, MA
2/9/05	"Alanto-Occipital Dislocation – A Largely Preventable Previously Fatal Injury" Motorsports Safety Conference American College of Sports Medicine Team Physician Pre Conference Course Hyatt Regency on the Boardwalk San Antonio, TX
11/5/04	"National Football League (NFL) and NCAA Football Study" IIHF Meeting Second International Symposium on Concussion in Sport Prague, Czech Republic
11/6/04	"How can we prevent diffuse brain swelling/SIS in children? IIHF Meeting Second International Symposium on Concussion in Sport Prague, Czech Republic
11/6/04	"When Should an Athlete Retire Following Concussion" IIHF Meeting Second International Symposium on Concussion in Sport Prague, Czech Republic
9/23/04	"Primary Care Management of Closed Head Injuries" Southboro Medical Group Meeting Southboro, MA
7/18/04	"Concussion Guidelines - Current Status" University of Pittsburgh Medical Center New Developments in Sports – Related Concussion The Westin Convention Center Pittsburgh, PA
6/24/04	NFL Meeting NFL Headquarters New York, NY

6/16/04	Press Conference "Position Statement on Sports – Related Concussion" National Athletic Trainers Association Annual Meeting Baltimore, MD
5/22/04	"Diffuse Brain Injuries" The William W. Backus Hospital Trauma Department Athletic Injuries of the Head and Neck Foxwood Resort Casino Uncasville, CT
5/4/04	"Fatal Brain Injuries in American Football (1945-1999)" Sports Concussion and Spine Injury Conference Brigham and Women's Hospital Fenway Park Boston, MA
5/1/04	"Challenges In Identifying and Treating Sports Injuries" 2004 AANS Annual Meeting Orlando Convention Center Orlando, FL
4/6/04	"Concussions in the Active Child, Adolescent, and Young Adult: Current Concepts, New Findings and Re-Education" Massachusetts Medical Society Meeting Waltham, MA
9/11/03	"Head Injury and the Risk of Alzheimer's Disease and Depression American Association of Ringside Physicians Aladdin Hotel Las Vegas, Nevada
7/4/03	"Effects of Dehydration on Race Car Drivers" Daytona Pepsi 400 Race Daytona International Speedway Daytona Beach, Florida
6/21/03	"Cervical Spinal Stenosis – A Contraindication for Collision Sports" International Academy for Sports Dentistry 2003 Annual Meeting Caribe Hilton Hotel San Juan, Puerto Rico
6/20/03	"Cerebral Concussion Controversies in Sports" International Academy for Sports Dentistry 2003 Annual Meeting Caribe Hilton Hotel San Juan, Puerto Rico
5/30/03	"Emergency Care of the Spine Injured Athlete" American College of Sports Medicine Annual Meeting San Francisco Convention Center San Francisco, California

5/30/03 "On-the-Field Management of the Spine-Injured Athlete"
American College of Sports Medicine Annual Meeting
San Francisco Convention Center
San Francisco, California

5/30/03 "Life After Football: History of Concussive Injuries, Onset of Neurologic Disorders, and Mental Health Issues in former NFL Players"
American College of Sports Medicine Annual Meeting
San Francisco Convention Center
San Francisco, California

5/9/03 "Athletic Head and Spine Injuries and Return To Play Decisions"
3rd Annual Legacy Neurosurgery Symposium
Legacy Good Samaritan Hospital
Portland, Oregon

4/29/03 "Challenges in Identifying and Testing Sport Injuries"
American Association of Neurological Surgeons Annual Meeting
San Diego, CA

3/8/03 "Acute Concussion Evaluation and Post Concussion Syndrome"
Texas ACMS Annual Meeting
Omni Houston Hotel Westside
Houston, Texas

1/16/03 "ACSM Motorsports Taks Force Committee Report"
International Council Motorsports Sciences
Mirage Hotel
Las Vegas, Mevada

2/7/03 "Brain Fatalities in American Football Over the Last 55 Years"
3rd Annual Neurotrauma and Sports Medicine Review
Grand Floridian Hotel
Orlando, Florida

2/7/03 "Interesting Sports Medicine Cases: A Potpourri of Head and Spine Cases"
3rd Annual Neurotrauma and Sports Medicine Review
Grand Floridian Hotel
Orlando, Florida

2/7/03 "Ongoing Concussion Controversy"
3rd Annual Neurotrauma and Sports Medicine Review
Grand Floridian Hotel
Orlando, Florida

2/8/03 "On-going Cervical-Spinal Stenosis Controversy"
3rd Annual Neurotrauma and Sports Medicine Review
Grand Floridian Hotel
Orlando, Florida

12/5/02 "Closed Head Injuries"
Thirtieth Annual Meeting Cervical Spine Research Society
Fontainbleu Hilton Hotel
Miami Beach, Florida

12/5/02	"On-the-Field Evaluation of Head Injuries" Thirtieth Annual Meeting Cervical Spine Research Society Fontainbleu Hilton Hotel Miami Beach, Florida
9/26/02	"Concussion Guidelines and Return to Play Criteria" Greater New York State Orthopedic Association Saratoga, N.Y.
7/20/02	"Concussion in Sports Medicine" New Developments in Sports Related Concussion University of Pittsburgh School of Medicine Pittsburgh, PA
6/19/02	"Concussion in Sports Medicine" Sports Medicine Core Curriculum Series Harvard Medical School Massachusetts General Hospital Boston, MA
6/16/02	"Introduction to the Problem: The Grading Scale and RTP Dilemma" National Athletic Trainers Association: Annual Meeting Dallas, TX
6/5/02	"Concussion in Athletic Sports-Controversies Regarding Grading and Return to Play Guidelines" Connecticut Athletic Trainers Association Annual Meeting Trinity College Hartford, Connecticut
6/1/02	"On-the-Field Evaluation of Head and Neck Injured Athletes American College of Sports Medicine: Annual Meeting St. Louis, MO
5/31/02	"Prehospital Care of the Spine-Injured Athlete: A Critical Look at the Task Force Document" American College of Sports Medicine: Annual Meeting St. Louis, MO
5/31/02	"On-the-Field Evaluation of Head and Neck Injuries" American College of Sports Medicine: Annual Meeting St. Louis, MO
5/30/02	"The Pros and Cons of Neuropsychological Testing in Concussion" "The Practical Use of Neuropsychological Testing: Clinically and in Research American College of Sports Medicine: Annual Meeting St. Louis, MO
4/13/02	"Grading Scale for Concussion in Sports" American Academy of Neurology Denver, Colorado

2/16/02 "Overview of Concussion"
2nd Annual Neurotrauma and Sports Medicine Review
Alleghany Hospital, Pittsburgh, PA
Caribe Royale Resort Suites and Villas
Orlando, Florida

2/16/02 "Head Injury in Recreational Sports"
2nd Annual Neurotrauma and Sports Medicine Review
Alleghany Hospital, Pittsburgh, PA
Caribe Royale Resort Suites and Villas
Orlando, Florida

2/16/02 "Guidelines for Return to Competition after a Mild Head Injury"
2nd Annual Neurotrauma and Sports Medicine Review"
Alleghany Hospital, Pittsburgh, PA
Caribe Royale Resort Suites and Villas
Orlando, Florida

11/3/01 "Panel Discussion: When to retire from sports"
European Sports Medicine Conference
Vienna, Austria

11/3/01 "Assessing Concussions: Review of Grading Systems"
European Sports Medicine Conference
Vienna, Austria

10/1/01 "Neurosurgical Management of Athletic Injuries"
Congress of Neurological Surgeons 51st Annual Meeting
San Diego, California

10/1/01 "On-the-Field Management of Head and Neck Injuries"
Kerlin Jobe Clinic
Los Angeles, California

7/28/01 New Developments in Sports Related Concussion
"Models of Concussion Management: Current Models of Concussion Management: Where Are We Headed?"
University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences, Department of Orthopedic Surgery, UPMC Health System Center for Sports Medicine, Western Psychiatric Institute and Clinic
Hilton Hotel, Pittsburgh, PA

6/8/01 "Second Impact Syndrome"
Manitoba Public Insurance and the Workers Compensation Board of Manitoba Continuing Medical Education Guest Speakers Series
Winnipeg, Canada

6/8/01 "Return to Play After Concussion"
Manitoba Public Insurance and the Workers Compensation Board of Manitoba Continuing Medical Education Guest Speakers Series
Winnipeg, Canada

6/8/01 "Concussion Grading Systems"
Manitoba Public Insurance and the Workers Compensation Board of Manitoba Continuing Medical Education Guest Speakers Series
Winnipeg, Canada

6/8/01 "Biomechanical and Pathophysiology of Head Injury"
Manitoba Public Insurance and the Workers Compensation Board of Manitoba Continuing Medical Education Guest Speakers Series
Winnipeg, Canada

6/8/01 "Overview of Concussion"
Manitoba Public Insurance and the Workers Compensation Board of Manitoba Continuing Medical Education Guest Speakers Series
Winnipeg, Canada

6/8/01 "Guidelines to the Evaluation of Mild Traumatic Brain Injury in Motor Vehicle Accidents and Work Injuries"
Manitoba Public Insurance and the Workers Compensation Board of Manitoba Continuing Medical Education Guest Speakers Series
Winnipeg, Canada

5/31/01 "On-the-Field Evaluation of Head and Neck Injuries"
American College of Sports Medicine Annual Meeting
Baltimore Convention Center
Baltimore, Maryland

5/31/01 "Return to Play Decisions Following Concussion: Controversies and Dilemmas"
American College of Sports Medicine Annual Meeting
Baltimore Convention Center
Baltimore, Maryland

5/30/01 "NASCAR Deaths: Were they preventable"
American College of Sports Medicine Annual Meeting
Baltimore Convention Center
Baltimore, Maryland

5/19/01 "Concussion: It's Effect Upon the Brain"
Salem Sports Medicine Conference Head and Neck Injuries in Athletes
Colonial Sheraton
Lynnfield, Massachusetts

5/7/01 "On-the-Field Evaluation of Athletic Head and Spine Injury"
New York State Public High School Athletic Association
Carrier Circle Holiday Inn
Syracuse, New York

5/7/01 "Evaluation, Treatment and Return to Play Decisions Regarding Athletic Head and Spine Injury"
New York State Public High School Athletic Association
Carrier Circle Holiday Inn
Syracuse, New York

5/5/01 "Athletic Cervical Spine Injuries"
American Academy of Neurology 53rd Annual Meeting
Pennsylvania Convention Center
Philadelphia, PA

3/19/01 "NASCAR Deaths: Were they preventable"
Neurotrauma and Sports Medicine for the New Millennium
Department of Neurosurgery, Allegheny General Hospital
The Shadow Ridge Hotel and Conference Center
Park City, Utah

3/19/01 "Adult vs. Pediatric Athletic Spine Injuries: Management Issues"
Neurotrauma and Sports Medicine for the New Millennium
Department of Neurosurgery, Allegheny General Hospital
The Shadow Ridge Hotel and Conference Center
Park City, Utah

3/19/01 "Athletic Head and Spinal Cord Injuries"
Neurotrauma and Sports Medicine for the New Millennium
Department of Neurosurgery, Allegheny General Hospital
Park City, Utah

3/19/01 "On-the-Field Management of Athletic Head Injuries"
Neurotrauma and Sports Medicine for the New Millennium
Department of Neurosurgery, Allegheny General Hospital
The Shadow Ridge Hotel and Conference Center
Park City, Utah

3/19/01 "Overview of Concussion"
Neurotrauma and Sports Medicine for the New Millennium
Department of Neurosurgery, Allegheny General Hospital
The Shadow Ridge Hotel and Conference Center
Park City, Utah

12/2/00 "Second Impact Syndrome"
Sports Neurology Injuries of the Head and Spine
Hospital for Special Surgery, Burke Rehabilitation Hospital and the Weill Medical College of Cornell University
Uris Auditorium
New York, New York

11/18/00 "Catastrophic Football Head Injuries"
Southwest Chapter American College Sports Medicine 2000 Annual Meeting
Bahia Hotel
San Diego, CA

11/3/00 "Practical Management of Head Injuries and Concussion in Sport
British Association of Sports and Exercise Medicine
Hilton Puckrup Hall
Tewkesbury, Gloucestershire England

9/16/00 "Diagnosis and Nonsurgical Treatment and Rehabilitation of Degenerative Cervical Conditions"
7th Annual Symposium New Hampshire Musculoskeletal Institute
Saint Anselm College, Manchester, NH

06/04/99 "On-The-Field Evaluation of Head and Neck Injuries"
American College of Sports Medicine: Annual Meeting
Washington State Convention and Trade Center
Seattle, Washington

06/03/99 "Concussion Symposium"
American College of Sports Medicine: Annual Meeting
Washington State Convention and Trade Center
Seattle, Washington

05/28/99 "Concussion: Mechanisms and Classifications"
Sports Related Concussions and Nervous System Injury Conference
Orlando Regional Healthcare System
Hotel Royal Plaza
Orlando, Florida

12/10/98 "Headaches"
Middlesex Community College Community Lecture
Bedford, Massachusetts

11/08/98 "Sports Related Concussion Controversies: Neuropsychological Aspects and Return to Play Issues:
Traumatic Brain Injury and Stroke Conference
Healthsouth Braintree Rehabilitation Hospital
Royal Sonesta Hotel
Boston, Massachusetts

06/06/98 "Examination of the Spine"
American College of Sports Medicine: Annual Meeting
Orange County Convention Center
Orlando, Florida

06/05/98 "Age, Ethical, Sociological, and Safety Issues in Boxing Especially as Regards Head Injury"
American College of Sports Medicine: Annual Meeting
Orange County Convention Center
Orlando, Florida

06/02/98 "Age in Boxing: Should there be an age limit"
XXVI FIMS World Congress of Sports Medicine
Orange County Convention Center
Orlando, Florida

05/15/98 "Return to Sports Criteria Following Concussion"
Innovative Symposiums/Sports Related Concussion
Smithtown Sheraton
Long Island, New York

05/15/98 "Concussion Classification and Implementation"
Innovative Symposiums/Sports Related Concussion
Smithtown Sheraton
Long Island, New York

05/08/98 "Fitness Over Forty and Fifty"
Lincoln-Sudbury Auxiliary Board Meeting
Pierce House, Lincoln

04/24/98 "The Concussion Controversy/Grading and Return to Play"
Sports Medicine Update '98 and NEACSM Spring Meeting
Sunrise/Mediplex, Concord, MA
Program Co-chair

04/07/98 "Living With Low Back Pain"
Emerson Hospital Community Lecture Series
Emerson Hospital
Concord, Massachusetts

03/17/98 "Head Injury in Sports"
Boston Medical Center
Department of Rehabilitation Medicine
Boston, Massachusetts

03/07/98 "Safety Issues In Boxing Regarding Head Injury"
Sports Related Concussion and Nervous System Injuries
Orlando Regional Healthcare System
Caribe Royale Resort
Lake Buena Vista, Florida

02/06/98 "Neurologic and Vascular Causes of Upper Extremity Problems
(Cervical Spine Stingers, Peripheral Nerve, Brachial Plexus, Thoracic Outlet)
American College of Sports Medicine's Team Physician Course
San Diego Princess Resort
San Diego, California

02/06/98 "Cervical Spine Injury, Extra Axial Facet, Disk, Radicular Symptoms, and Transient Quadriparesis"
American College of Sports Medicine's Team Physician Course
San Diego Princess Resort
San Diego, California

02/06/98 "Epilepsy and Sports Participation"
American College of Sports Medicine's Team Physician Course
San Diego Princess Resort
San Diego, California

02/06/98 "Concussion: Definition, Classification, and Return to Play"
American College of Sports Medicine's Team Physician Course
San Diego Princess Resort
San Diego, California

02/06/98 "Problems and Perils in On-field Management of Head and Neck Injury"
Hands-on Exam Workshop
American College of Sports Medicine's Team Physician Course
San Diego Princess Resort
San Diego, California

02/06/98 "Physical Examination of the Cervical Spine"
Hands-on Exam Workshop
American College of Sports Medicine's Team Physician Course
San Diego Princess Resort
San Diego, California

01/31/98 "Concussion/Closed Head Trauma/Convulsions"
Panel Discussion
The Jockey Club/Concussion and Head in Sport
The Gloucester Hotel
Harrington Gardens
London, England

01/30/98 "Concussion in Sport and the Second Impact Syndrome"
The Jockey Club/Concussion and Head in Sport
The Gloucester Hotel
Harrington Gardens
London, England

10/18/97 "The On-Field Management of Athletic Head and Spine Injuries"
ACC Keynote Address
New Zealand Sports Medicine Partners In Performance Conference
Millennium Hotel
Christchurch, New Zealand

10/18/97 "Second Impact Syndrome:"
ACC Keynote Address
New Zealand Sports Medicine Partners in Performance Conference
Millennium Hotel
Christchurch, New Zealand

10/17/97 "When To Return to Collision Sports After Concussion"
ACC Keynote Address: Tom Anderson Trust Lecture
New Zealand Sports Medicine Partners in Performance Conference
Millennium Hotel
Christchurch, New Zealand

10/16/97 "The Return to Sport After Cervical Spine Injury"
Sports Physician Day
New Zealand Sports Medicine Partners in Performance Conference
Millennium Hotel
Christchurch, New Zealand

10/14/97 "Catastrophic Sports Injuries"
New Zealand Sports Medicine Conference
Hawkes Bay Chapter
Hawkes Bay, New Zealand

10/14/97	"Second Impact Syndrome" Grand Rounds Presentation Napier Hospital Napier, New Zealand
10/13/97	"When to Return to Competition After Head and Spine Injury" New Zealand Sports Medicine Conference Whangarei, New Zealand
09/25/97	"Athletic Head Injury Guidelines" New England American College of Sports Medicine: Fall Meeting Rhode Island Convention Center Providence, R.I.
05/22/97	"Head Injury In Football" American College of Sports Medicine: Annual Meeting Denver, Colorado
05/01/97	"Should There Be An Age Limit in Boxing" WBC: First Medical Conference on Boxing Safety Aruba
03/14/97	"Head Injury in Boxing" Ringside Physician Course Colorado Springs, Colorado
02/10/97	"Concussion Guidelines: Controversies and Implementation" Allegheny General Hospital Sports Medicine Meeting Caribe Royale Resort Lake Buena Vista, Florida
01/12/97	"Neurological Injuries and the Athlete" Breakfast Seminar AANS 65th Annual Meeting Colorado Convention Center Denver, Colorado
11/22/96	"Catastrophic Head Injury" Oklahoma Spine Institute Oklahoma City, Oklahoma
11/08/96	"Head and Face Protection for the Athlete" New England American College of Sports Medicine: Fall Meeting Boxboro, MA
10/26/96	"Ask the Experts" Fitness and Beauty Cruise Norwegian Cruise Line
10/23/96	"Weekend Warrior Woes" Fitness and Beauty Cruise Norwegian Cruise Line

10/22/96 "Exercise for Health versus Fitness"
Fitness and Beauty Cruise
Norwegian Cruise Line

10/02/96 "Head Injury and the Athlete"
Pediatric Day Conference
Waterbury, CT

06/01/96 "Boxing and Medicine"
American College of Sports Medicine: Annual Meeting
Cincinnati, OH

05/31/96 "On-the-Field Evaluation of Head and Neck Injuries"
Clinical Workshop
American College of Sports Medicine: Annual Meeting
Cincinnati, OH

05/31/96 "Positive and Negative Effects of Head Protection"
NCAA Colloquium
American College of Sports Medicine: Annual Meeting
Cincinnati, OH

05/29/96 "Management of Head and Neck Injuries"
American College of Sports Medicine: Annual Meeting
Cincinnati, OH

5/18/96 "Head and Neck Injuries in Sports:
Assessment in On-The-Field Management"
Sports Medicine For The Rheumatologist
American College of Rheumatology
Phoenix, AX

4/27/96 "Diffuse Brain Injuries";
"Spinal Stenosis, Cord Neuropraxia, Transient Quadriplegia";
"Athletic Injuries of the Head and Neck"
The William W. Backus Hospital Trauma Department Program
Foxwoods Resort Casino, CT

03/14/96 "Boxing Injuries"
Emory University School of Medicine
Summer Games: Sports Medicine Review
Atlanta, GA

02/09/96 "Concussion: Definition, Classification, and Return to Play";
"Epilepsy and Sports Participation";
"Cervical Spine Injury, Extra Axial Facet, Disk, Radicular
Symptoms, and Transient Quadriparesis";
"Neurologic and Vascular Causes of Upper Extremity Problems
(Cervical Spine, Stringers, Peripheral Nerve, Brachial Plexus, Thoracic Outlet)";
"Hands-on Workshop - Physical Examination of the Spine"
American College of Sports Medicine: Team Physician Course - Part I
San Diego, CA

01/27/96 "Strength Aerobics - The Next Stage in Personal Fitness"
McKenzie Speaker
Sports Injuries Update
Lake Placid Sports Medicine Society Conference
Lake Placid, NY

01/26/96 "Epidemiology and Pathophysiology of Athletic Head Injury"
"Acute Assessment of Athletic Head and Neck Injuries"
"Surgical Treatment of Athletic Head and Spine Injuries:
Who can Safely Return to Competition"
Sports Injuries Update
Lake Placid Sports Medicine Society Conference
Lake Placid, NY

01/25/96 "Athletic Neck and Cervical Spine Trauma"
Albany Medical College
Albany, NY

01/07/96 "Second Impact Syndrome"
Eastern Athletic Trainers Association Annual Meeting
Boston, MA

12/14/95 "Catastrophic Head and Neck Injury in Sports"
"Evaluation of Current Guidelines for Head Injury in Sports"
"General Spinal Stenosis in Contact Sports"
Rehabilitation Sports Medicine VIII: Controversies in Sports Medicine.
The Rehabilitation Institute of Chicago
Chicago, IL

11/09/95 "Strength Aerobics"
Walden Rehabilitation & Nursing Center
Concord, MA

10/23/95 "Weekend Warrior Woes: How to Avoid Exercise Injuries"
Fitness and Beauty Cruise
Norwegian Cruise Line

10/22/95 "Exercise for Health vs Fitness (How Much is Enough?)"
Fitness and Beauty Cruise
Norwegian Cruise Line

10/13/95 "Closed Head Injury"
"Transient Quadriplegia in Sports"
Together in College Health: Surviving and Thriving
Combined Annual Meeting: New York State Health Association and New England College Health Association
Tarrytown, NY

10/11/95 "Catastrophic Sports Injuries: Functional Spinal Stenosis"
"Sudden Death Syndrome"
Emerson Hospital Neurology Conference
Concord, MA

08/24/95 "Torso and Genitourinary Tract Injuries"
Medicine in the Last Frontier/Medical World Conference
Alaska

08/24/95 "A Team Physician's Sports Medicine Bag"
Medicine in the Last Frontier/Medical World Conference
Alaska

08/21/95 "Sports Injuries in Young Athletes"
Medicine in the Last Frontier/Medical World Conference
Alaska

08/21/95 "How to Write a Precise Aerobic Exercise Prescription"
Medicine in the Last Frontier/Medical World Conference
Alaska

08/20/95 "Conditioning of Cardiovascular System: A Machiavellian Approach to Health"
Medicine in the Last Frontier/Medical World Conference
Alaska

06/14/95 "Guidelines for Return to Competition After Mild Brain Injury in Sports"
National Athletic Trainers' Association
Indianapolis, IN

06/02/95 "On-The-Field Evaluation of Head and Neck Injuries"
Clinical Workshop
American College of Sports Medicine: Annual Meeting
Minneapolis, MN

05/23/95 "Trauma to the Head and Spine"
Connecticut Athletic Trainers' Association
New Britain, CT

05/13/95 "Cervical Radiculopathy - Painless vs. Painful: A Conceptual Model and Management Approach"
1st Annual Combined Meeting - Puget Sound & Portland Spine Interest Groups
Seattle, WA

05/07/95 "Current Treatment Recommendations for Concussions and the Burner Syndromes"
Prevention and Management of High School Football Injuries
Salem Orthopedic Surgeons, Inc.
Waltham, MA

04/28/95 "Management of Sports-Related Spine Injuries"
Keynote Address
Contemporary Management of Lumbar Spine Disorders
The NeuroScience Institute at Mercy
Oklahoma City, OK

04/23/95 "Assessment of Acute and Repetitive Head Injuries";
"Management of Cervical Injuries"
Clinical Congress: Decision Making and Sports Injuries
Braintree Hospital Rehabilitation Network
Randolph, MA

04/21/95 "Return to Play Criteria After Cervical Spine Injury"
"Cervical Spine Injuries Workshop: Case Studies and Discussion"
Controversies in Decision Making: Neurological Sports Injuries
University of Miami School of Medicine
Lake Buena Vista, FL

04/01/95 "Exercise for Health vs Fitness"
Mens Health Day
Emerson Hospital
Concord, MA

03/03/95 "Catastrophic Injury of the Brain and Spinal Cord"
Ninth Annual Neurologically Impaired Individual Symposium
St. Mary's Hospital
Richmond, VA

02/21/95 "Head Injuries"
Department of Physical Medicine & Rehabilitation
Resident Didactic Seminars
Tufts University School of Medicine
Newton Wellesley Hospital
Natick, MA

02/15/95 "Chest and Abdominal Injuries"
Sports Medicine: An In-Depth Review
American Academy of Family Physicians
Dallas, TX

02/14/95 "Closed Head Injuries"
"Entrapment Neuropathies"
"Spine: History and Exam Skills Workshop"
Sports Medicine: An In-Depth Review
American Academy of Family Physicians
Dallas, TX

01/25/95 "Athletic Head and Spine Injuries: Recognition of
On-The-Field Care and Return to Play Guidelines"
Sports Medicine Symposium 1995
North Broward Medical Center
Pompano Beach, FL

12/07/94 "The Prevention of Sports Related Neurological Injuries in American Football: Rules, Equipment, and Surfaces";
"Guidelines for Return to American Football
After an Episode of Transient Quadriplegia"
American Society for Testing and Materials Symposium on Safety in American Football
Phoenix, AZ

11/19/94 "Prevention, Treatment, and Return to Play Criteria for Head & Neck Injuries in Sports"
"ACSM and the Sports Medicine Professional"
Greater New York Regional Chapter American College-of-Sports Medicine
New York, NY

11/04/94 "When to Return to Contact Collision Sports After an Episode of Transient Quadriplegia"
New England Chapter American College of Sports Medicine
Boxborough, MA

09/14/94 "Spinal Stenosis"
Emergency Department Medical Staff Conference
Emerson Hospital
Concord, MA

06/11/94 "Assessment and Treatment of Traumatic Cervical Spine/Cord Injury"
"Guidelines for Return to Contact Collision Sports After Traumatic Cervical Spine/Cord Injury"
National Athletic Trainers Association Annual Meeting and Clinical Symposium
Dallas, TX

06/04/94 "On-the-Field Evaluation and Management of Head and Spinal Cord Injury"
American College of Sports Medicine: Annual Meeting
Indianapolis, IN

06/03/94 "Concussion: Management and Return to Competition"
American College of Sports Medicine: Annual Meeting
Indianapolis, IN

06/02/94 "Traumatic Fatal and Non-Fatal Catastrophic Sports Injuries"
American College of Sports Medicine: Annual Meeting
Indianapolis, IN

06/02/94 "Cervical Spinal Stenosis and Contact Sports"
American College of Sports Medicine: Annual Meeting
Indianapolis, IN

05/20/94 "Return to Sport After Head Injury"
"Head and Neck Injuries"
"The Preparticipation Examination"
Caribbean Sports Medicine Congress
Bridgetown, Barbados, WI

04/17/94 "Cerebral Concussion in Sport: Prevention and Management"
Mild Brain Injury Summit National Athletic Trainers Association
Washington, D.C.

03/23/94 "Neck Injuries: The Great Debate: Personal Experience and Perspectives of Our Experts"
Panelist: Neck Injuries Workshop Case Studies and Discussion
Controversies in Decision Making: Neurological Sports Injuries
University of Miami School of Medicine and the Miami Project to Cure Paralysis
Lake Buena Vista, FL

03/22/94 "Catastrophic Sports Injuries: Which Sports Are at Greatest Risk and Why"
"When to Return to Contact/ Collision Sports After Head and Spine Injury"
16th Annual Family Practice Review
Bayfront Medical Center
St. Petersburg Beach, FL

03/21/94 "When is it Safe to Return to Contact Sports?"
Panelist: Head Injury Workshop - Case Studies and Discussion
Controversies in Decision Making: Neurological Sports Injuries
University of Miami School of Medicine and the Miami Project to Cure Paralysis
Lake Buena Vista, FL

03/20/94 "Prevention of Sports-Related Neurological Injuries: Rules, Equipment, and Surfaces,"
Moderator: Peripheral Nerve Injuries Workshop - Case Studies and Discussion
Controversies in Decision Making: Neurological Sports Injuries
University of Miami School of Medicine and the Miami Project to Cure Paralysis
Lake Buena Vista, FL

03/12/94 "Acute and Second Impact Syndrome Head Injury"
First Annual Ringside Physicians Course
United States Amateur Boxing, Inc.
Colorado Springs, CO

03/08/94 "Health Benefits of Physical Fitness,"
Second Annual New Dimensions in Research Conference
Mabon Securities Corporation
Beaver Creek, CO

03/05/94 "Managing Head and Neck Injuries"
Sports Med Boston: "New Options for Treating the Injured Athlete"
Back Pain Society
Danvers, MA

01/21/94 "Neck Injuries"
Sport Med 94
Toronto, Canada

01/21/94 "Head Injuries in Sport"
The Tom Pashby Sport Safety Fund Lecture
Sport Med 94
Toronto, Canada

11/19/93 "When is it Safe to Return to Contact Sports After a Head Injury"
American Medical Tennis Association Omni Specialty Sports Medicine Update
Palm Springs, CA

11/18/93 "When is it Safe to Return to Contact Sports After a Cervical Spine Injury?"
American Medical Tennis Association Omni Specialty Sports Medicine Update
Palm Springs, CA

11/09/93 "The Female Triad: Disordered Eating, Amenorrhea, and Osteoporosis"
Community Health Education Program
Emerson Hospital
Concord, MA

09/06/93 "Head and Neck Injury"
XVth World Congress of Neurology
Vancouver, B.C., Canada

08/14/93 "Epidemiology, Recognition and Acute Management of Closed Head Injury/ Concussion"
"Return to Competition After Head Injury"
"Fractures and Dislocations of Cervical Spine"
"Epidemiology, Evaluation and Treatment of Traumatic Spinal Cord Injury: Return to Competition"
"Case Presentations: Transient Quadriparesis"
ACSM CAQ Board Review Course for the Certification Examination in Sports Medicine
San Francisco, CA

08/13/93 "Functional Anatomy & Biomechanics: Examination of the Patient with Low Back Pain"'
"Lumbar Spinal Stenosis: Dx and Management"
"Indications for Surgery and Return to Competition After Lumbar Spine Injury"
"Legal Aspects of Sports Medicine and Role of the Team Physician"
"On-field Management and Evaluation of Acute Spinal Cord Trauma"'
ACSM CAQ Board Review Course for the Certification Examination in Sports Medicine
San Francisco, CA

06/11/93 "Case Studies: Epidemiology, Assessment, and Return to Play Criteria for Head Injuries in Sports"
National Athletic Trainers Association Annual Meeting and Clinical Symposium
Kansas City, MO

06/05/93 "Spinal Stenosis: Transient Quadriplegia and Football"
40th Annual Meeting American College of Sports Medicine
Seattle, WA

06/03/93 "Physician Continuing Medical Education and Opportunities"
Symposium: 40th Annual Meeting American College of Sports Medicine
Seattle, WA

05/20/93 "Where is Boxing in This Process?"
International Symposium on Head and Neck Injuries in Sports American Society for Testing and Materials
Atlanta, GA

05/14/93 "Sports Medicine in Primary Care"'
"Athletic Catastrophic Sports Injury Study (1931-1987): Which Sports Are at Greatest Risk and What is Being Done to Reduce Injury"
"Medical Coverage of Games and Events"
"Legal Liabilities of the Team Physician"
"How to Live Painlessly With Your Low Back Disorder"
Fourth Annual Sports Medicine Conference on the Beach Halifax Medical Center Family Practice Residency Program
Daytona Beach, FL

05/07/93 "Women's Triad"
Conference Chairman
Eighth Annual Sports Medicine Update 93
Westford, MA

05/06/93 "Returning to Contact Sports After a Head Injury:
Relative and Definite Contraindications"
Department of Pediatrics, Emerson Hospital
Concord, MA

04/15/93 "The Prevention and Treatment of Athletic Spine Injuries"
Grand Rounds
Nashua Memorial Hospital, NH

03/06/93 "Specific Problems and Pearls in Boxing"
"Indications for Surgery and Return to Competition After Lumbar Spine Injury"
Team Physician Course Parts II and III: American College of Sports Medicine
Orlando, FL

03/05/93 "Transient Quadriparesis (Symptoms, Pathomechanics, Work-up, Return to Play, Controversies, Case Presentations and Discussion)
(With Stanley A. Herring, M.D.)
Team Physician Course Part III: American College of Sports Medicine
Orlando, FL

03/04/93 "Brachial Plexus Injuries"
"Epidemiology, Recognition, and Acute Management of Head Injuries"
"Return to Play Criteria After Head Injury"
"Epilepsy and the Athlete"
Team Physician Course Part II and III: American College of Sports Medicine
Orlando, FL

03/02/93 "Toward a Lifetime of Family Fitness"
Health and Fitness in the 90's
The Thoreau Club of Concord
Concord, MA

02/23/93 "Legal Liabilities of the Team Physician"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Scottsdale, AZ

02/22/93 "Epilepsy and the Athlete"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Scottsdale, AZ

01/29/93 "Catastrophic Sports Injuries: Which Sports are at Greatest Risk and Why?"
Southeast Regional Chapter: American College of Sports Medicine
Norfolk, VA

01/29/93 "Medical Risks of Boxing/Is Boxing a Sport?"
Southeast Regional Chapter: American College of Sports Medicine
Norfolk, VA

01/25/93 "Head and Spine Injuries in Athletes"
Chelmsford High School
Chelmsford, MA

01/23/93 "Head and Neck Injuries in Athletes"
Comprehensive Review Course in Sports Medicine
The College of Physicians and Surgeons
Department of Orthopaedic Surgery
Columbia University, New York
Barbados, West Indies

01/12/93 "Women's Health Issues: Ask the Doctor"
Health and Fitness in the 90's
The Thoreau Club of Concord
Concord, MA

12/23/92 "Overview of Head Injuries in the Athlete,"
St. Vincent Hospital Grand Rounds
Worcester, MA

11/18/92 "Head and Neck Injury Reduction in Football: A Sixty-Year Effort"
American Medical Tennis Association
Palm Springs, CA

11/13/92 "Low Back Pain: Etiology, Diagnosis, and Treatment"
"Spinal Cord Injuries"
American Academy of Family Physicians 6th Annual Family Practice Weekend & Sports Medicine Conference
Huntington, WV

11/10/92 "Exercise: What's the Right Dosage for You?"
Health and Fitness in the 90's
The Thoreau Club of Concord
Concord, MA

10/14/92 "Cervical Spine Injuries"
Australian College of Sports Physicians: National Annual Scientific Conference in Sports Medicine
Perth, Western Australia

10/13/92 "The Team Physician"
Australian College of Sports Physicians: National Annual Scientific Conference in Sports Medicine
Perth, Western Australia

10/12/92 "Catastrophic Sports Injuries"
Keynote Address
Australian College of Sports Physicians: National Annual Scientific Conference in Sports Medicine
Perth, Western Australia

10/06/92 "Signs and Symptoms of Anabolic Steroid Abuse"
Commonwealth of Massachusetts

Project Alliance Training Program
Burlington, MA

08/22/92 "Back Injuries in Tennis Players"
Society of Tennis Medicine and Science
Yale University
New Haven, CT

07/23/92 "Fitness for Good Health"
Concord Prison Outreach
Concord, MA

06/05/92 "Serious Head and Neck Injury Reduction in Football - A 60-Year Effort"
New England Neurosurgical Society,
Waltham, MA

05/29/92 "Head Injury in Sports"
39th Annual Meeting American College of Sports Medicine
Dallas, TX

05/28/92 "Team Physician Certification,"
39th Annual Meeting American College of Sports Medicine
Dallas, TX

05/27/92 "Head, Neck, and Spine: Head and Neck Injury"
Chair: Physician Case Presentations
39th Annual Meeting American College of Sports Medicine
Dallas, TX

05/13/92 "Steroid Abuse in the Athlete"
Spring Symposium on Sports Medicine
Milford Whitinsville Regional Hospital
Milford, MA

05/01/92 "The Anabolic Steroid Epidemic"
7th Annual Sports Medicine Update 92
Westford, MA

04/14/92 "Disc Herniation in the Athlete: When to Operate?";
"On-field Emergencies to the Spine and Neck"
The National Sportsmedicine Conference '92
Orlando, FL

03/11/92 "Steroids - The Threat and Dangers,"
Assabet Valley Regional Vocational School
Marlborough, MA

02/26/92 "Lumbar Spinal Stenosis: Evaluation and Treatment"
Leominster Hospital Grand Rounds
Leominster, MA

02/24/92 "Head Trauma in Adolescents"
Medical Student Education
Emerson Hospital
Concord, MA

02/02/92 "Sports Medicine-Sports Science: Bridging the Gap";
"Head, Neck, and Extraspinal Nerve Injury in Contact Sports";
"Acute and Chronic Brain Injuries in Boxing and Other Collision Sports";
"Return to Collision Sports After Athletic Cervical and Lumbar Spine Injury"
Third National Kaiser Permanente Sports Medical Conference
Snowbird, UT

01/13/92 "Steroids - The Threat and Dangers"
Marlborough High School Athletic Department
Marlborough, MA

12/14/91 "Epidemiology, Assessment, and Criteria for Return to Play in Cervical Spine Injuries";
"Epidemiology, Assessment, and Return to Play Criteria for Head Injuries in Sports"
Rehabilitation Sports Medicine IV: Injuries to the Head and Neck in Sports
Rehabilitation Institute of Chicago
Chicago, IL

12/04/91 "Steroids - The Threat and Dangers"
Sports Injury Symposium: The Massachusetts Interscholastic Athletic Association
Waltham, MA

11/22/91 "Anabolic Steroid Abuse in Athletics"
American Medical Tennis Association
Palm Springs, CA

11/21/91 "Catastrophic Sports Injuries in High School and College Sports"
American Medical Tennis Association
Palm Springs, CA

10/22/91 "Catastrophic Sports Injuries: Which Sports Are at Greatest Risk and What is Being Done to Reduce Injury"
Harvard Community Health Plan
Wellesley, MA

10/19/91 "Etiology, Biomechanics, Diagnosis, and Treatment of Athletic Low Back Pain"
University of Texas Health Center
Tyler, TX

10/18/91 "Etiology, Biomechanics, Diagnosis, and Treatment of Athletic Low Back Pain"
Tom Landry Sports Medicine Center
Dallas, TX

10/18/91 "Catastrophic Sports Injuries: Which Sports Are at Greatest Risk and What is Being Done to Reduce Injury"
Texas College of Osteopathic Medicine
Fort Worth, TX

10/17/91 "Catastrophic Sports Injuries: Which Sports Are at Greatest Risk and What is Being Done to Reduce Injury"

Texas A&M University
College Station, TX

10/17/91 "Etiology, Biomechanics, Diagnosis, and Treatment of Athletic Low Back Pain"
Texas Woman's University
Houston Center, TX

10/10/91 "Head and Spine Injuries in Athletes'"
Maine Medical Center
Portland, ME

09/27/91 "Catastrophic Sports Injuries: Sports at Risk?"
Medical Staff Clinical Meeting
Emerson Hospital
Concord, MA

09/08/91 "Catastrophic Spinal Injuries in Scholastic Sports"
American Academy of Neurological and Orthopaedic Surgeons Fifteenth Annual Scientific Convention
Las Vegas, NV

09/07/91 "The Boxing Controversy: A Neurosurgeon's Perspective"
American Academy of Neurological and Orthopaedic Surgeons Fifteenth Annual Scientific Convention
Las Vegas, NV

09/07/91 "When To Return to Collision Sports After Athletic Head and/or Cervical Spine Injury"
American Academy of Neurological and Orthopaedic Surgeons Fifteenth Annual Scientific Convention
Las Vegas, NV

09/06/91 "Catastrophic Spine Injuries in Scholastic Sports: Which Are at Greatest Risk and What is Being Done to Reduce Injury"
1991 Presidential Guest Lecturer
American Academy of Neurological and Orthopaedic Surgeons Fifteenth Annual Scientific Convention
Las Vegas, NV

07/27/91 "Low Back Pain: Etiology, Diagnosis, and Treatment"
The Burdenko Water and Sports Therapy Institute
Boston, MA

07/27/91 "Catastrophic Spine Injuries in All School Sports"
American Academy of Sports Physicians
Boston, MA

06/12/91 "Health Effects of Regular Exercise"
Concord Prison Outreach
Concord, MA

06/07/91 "Acute and Chronic Brain Injury in Contact Sports";
"Evaluation of the Athlete for Return to Sports After Concussion
Snake River Medical Forum
Lewiston, ID

06/01/91 "Boxing - A Historical Perspective";
"Professional Boxing - One Neurosurgeon's Viewpoint"
American College of Sports Medicine Annual Meeting
Orlando, FL

05/31/91 "Criteria For Return to Play Following Cervical Injuries"
American College of Sports Medicine Annual Meeting
Orlando, FL

05/17/91 "Carotid Artery Stenosis"
Medical Staff Clinical Scientific Meeting
Emerson Hospital
Concord, MA

05/07/91 "Sports Injuries"'
Milford Regional Hospital Grand Rounds
Milford, MA

05/03/91 "When to Return to Competition after Head and Cervical Spine Injury";
"Anatomy, Biomechanics, Diagnosis, and Management of Athletic Low Back Pain
Sixth Annual Sports Medicine Update 91
Westford, MA

05/02/91 "Life-threatening Injuries to the Head and Neck"
Minnesota Academy of Family Physicians
Minneapolis, MN

04/24/91 "Catastrophic Spine Injuries in All School Sports (1982-1989)
American Association of Neurological Surgeons
New Orleans, LA

04/12/91 "Low Back Pain: Etiology, Diagnosis, and Treatment"
National Sports Medicine Conference On The Beach
Halifax Medical Center
Family Practice Residency Program
Daytona Beach, FL

03/26/91 "Recognition and Management of Head Injuries"';
"Peripheral Nerve Entrapment"
American College of Sports Medicine Team Physician Course
Orlando, FL

03/24/91 "Cord and Peripheral Nerve";
"Spinal Stenosis: How to Evaluate";
"On-the-Field Management of Acute Spinal Cord Injury"
American College of Sports Medicine Team Physician Course
Orlando, FL

03/14/91 "Catastrophic Sports Injuries in High School and College Sports"
Massachusetts Association for Health, Physical Education, Recreation and Dance, 1991 Annual Convention
Randolph, MA

02/11/91 "Anatomy and Biomechanics of Athletic Cervical Spine & Head Injury";
"Intraspinal and Extraspinal. Cervical Spine Injuries - Diagnosis and Management"
Second National Kaiser Permanent Sports Medicine Conference
Snowbird, UT

02/10/91 "Anatomy, Biomechanics, Diagnosis and Management of Low Back Pain"
Second National Kaiser Permanent Sports Medicine Conference
Snowbird, UT

02/01/91 "Spinal Stenosis: Identification and Therapy,"
Medical Staff Scientific Meeting
Emerson Hospital
Concord, MA

01/10/91 "Lumbar Spinal Stenosis: Evaluation and Treatment/ Surgical Indications"
Buffalo General Hospital Grand Rounds
Buffalo, NY

01/10/91 "Diabetes and Exercise"
Mercy Hospital Grand Rounds
Buffalo, NY

01/09/91 "How to Live Painlessly With Your Low Back Disorder"
South Town Physicians
Blasdell, NY

12/04/90 "Feeling Fit for Life"
Community Health Lecture Series
Emerson Hospital
Concord, MA

11/30/90 "Catastrophic Sports Injuries in High School and College Athletes"
American Medical Tennis Association
Palm Springs, CA

11/29/90 "Sports Medicine in Primary Care"
American Medical Tennis Association
Palm Springs, CA

11/26/90 "Neurologic Injuries: Assessment/Care at Scene of Injury"
Littleton Fire Department - EMT
Littleton, MA

11/17/90 "Epidemiology of Head Injuries in Sports and Return to Play Decision Making"
Swedish Hospital Medical Center
Spine Institute Fall Symposium
Seattle, WA

11/16/90 "Epidemiology of Spinal Cord Injuries and Assessment of Intraspinal Injuries in Sports"
Swedish Hospital Medical Center
Spine Institute Fall Symposium
Seattle, WA

11/07/90 "Steroid Abuse in the Athlete";
"Cranial and Cervical Injuries in Sports"
Hahnemann. University School of Medicine
Philadelphia, PA

11/03/90 "Sports Injuries to the Lower Extremities""
Nurse Practitioner Associates for Continuing Education National Primary Care Conference
Boston, MA

10/22/90 "Neurosurgical Athletic Injuries"
Congress of Neurological Surgeons
Los Angeles, CA

10/16/90 "Osteoarthritis Due to Sports-related Injuries"
Framingham Union Hospital Grand Rounds
Framingham, MA

10/12/90 "Sports Injuries and Low Back Pain"
Bethany Medical Conference
Bethany Medical Center
Kansas City, KS

10/12/90 "Sports Injuries"
Trinity Lutheran Hospital
Kansas City, MO

10/11/90 "Prevention and Treatment of Catastrophic Sports Injuries"
Kansas University Medical Center;
Kansas City, MO

10/11/90 "Arthritic Low Back Pain"
Topeka Veterans Administration Hospital
Topeka,KS

10/11/90 "Low Back Pain - Management and Exercise of Diabetic Patients"
Providence - St. Margaret's Hospital
Kansas City, KS

10/11/90 "How to Live Painlessly with Arthritic Low Back Pain"
Shawnee Mission Medical Center
Overland Park, KS

07/25/90 "Sports Medicine and Primary Care"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

07/24/90 "Anabolic Steroid Abuse in Athletics"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

07/23/90 "Catastrophic Sports Injuries in High School and College Sports"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

07/14/90 "Management of Osteoarthritic Sports Injuries"
Health-in-Action Day
Stratton Mountain, VT

07/11/90 "Health Benefits of Exercise"
New England Correctional Center
Concord, MA

05/24/90 "Intracranial Athletic Cervical Spine Injury"
Symposium Co-chairman: Athletic Cervical Spine Injury
American College of Sports Medicine Annual Meeting
Salt Lake City, UT

05/24/90 "On-the-Field Evaluation of Head and Spine Injuries"
Clinical Workshop
American College of Sports Medicine Annual Meeting
Salt Lake City, UT

05/23/90 "Neck Pain - Soccer"
American College of Sports Medicine Annual Meeting
Salt Lake City, UT

05/23/90 "On-the-Field Evaluation of Head and Spine Injuries"
Clinical Workshop
American College of Sports Medicine Annual Meeting
Salt Lake City, UT

05/22/90 "Head Injuries in Sports: Biomechanics, Prevention, and Treatment"
Clinical Lecture
American College of Sports Medicine Annual Meeting
Salt Lake City, UT

05/07/90 Medical Resource for Breakout Medical Session
National Catastrophic Head/Spinal Cord Sports Injury Consensus Meeting
National Federation of State High School Associations
Kansas City, MO

05/04/90 "Catastrophic Sports Injuries"
Conference Chairman
Sports Medicine Update 90
Westford, MA

04/30/90 "The Athlete and the Neurosurgeon"
Breakfast Seminar Panel Chairman
American Association of Neurological Surgeons
Nashville, TN

04/23/90 "Diagnosis, Prevention, and Treatment of Athletic Spine Injuries"
Kaiser Permanente HMO
Holyoke, MA

04/18/90 "Burners/ Stingers /Cervical Spine Injuries";
"Concussions"
First Annual Sports Medicine Conference on the Beach
Halifax Medical Center
Family Practice Residency Program
Daytona Beach, FL

04/06/90 "Sports Medicine: Bridging the Gap"
Penobscot Bay Medical Center
Rockland, ME

04/05/90 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Eastern Maine Medical Center
Bangor, ME

03/30/90 "Cervical and Low Back Pain: Diagnosis and Treatment"
St. Vincent Hospital Family Practice Residency Program
Erie, PA

03/30/90 "Catastrophic Sports Injuries"
Hamot Family Practice
Erie, PA

03/30/90 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Millcreek Community Hospital
Erie, PA

03/29/90 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Aviation Country Club
Erie, PA

03/23/90 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Hanscom Clinic - Hanscom Field Air Force Base
Bedford,MA

02/09/90 "Catastrophic Football Spine Injuries; 1977-1988"
Joint Section on Disorders of the Spine and Peripheral Nerves
American Association of Neurological Surgeons
Captiva Island, FL

02/03/90 "The Neurosurgeon and the Amateur Athlete"
Downeast Association of Physician Assistants Winter Conference
Bethel, ME

01/12/90 "Exercise for Health vs Fitness: How much is enough?"
Community Health Lecture Series
Emerson Hospital
Concord, MA

10/24/89 "Adolescents and Anabolic Steroids"
Pediatric Grand Rounds
Baystate Medical Center
Springfield, MA

10/17/89 "Prevention and Treatment of Spinal Injuries in Athletes"
St. Francis Health Care Foundation Endowed Lecture Series
St. Francis Hospital
Poughkeepsie, NY

10/04/89 "Steroids - The Threat and Dangers"
Massachusetts Interscholastic Athletic Association, Inc Annual Sports Injury Conference
Milford, MA

09/23/89 "Indications/ Contra-Indications For Surgery in the Arthritic Patient"
Health-in-Action Day
Nova Scotia, Canada

09/16/89 "Rehabilitation at Fitness Centers"
Sponsored by Nautilus Sports Medical Industries, Inc.
Vista International Hotel
Elizabeth, NJ

07/25/89 "Anabolic Steroid Abuse in Athletics"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

07/24/89 "Catastrophic Sports Injuries in High School and College Sports"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

06/13/89 "Case Presentations"
Monroe County Highland Hospital Grand Rounds
Rochester, NY

06/13/89 "Cervical and Low Back Spine"
Monroe County Highland Hospital Grand Rounds
Rochester, NY

06/12/89 "Cervical and Low Back Spine"
Sponsored by Monroe County Highland Hospital Physicians Assistants
Pittsford, NY

06/10/89 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Sheehan Memorial Hospital
Buffalo, NY

06/10/89 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Our Lady of Victory Hospital Grand Rounds
Lackawanna, NY

06/05/89 "Sports Medicine in Primary Care"
Williamsville, NY

06/05/89 "Sports Medicine in Primary Care"
Niagara Falls Memorial Hospital
Niagara Falls, NY

05/05/89 "Steroid Abuse in Athletics"
Sports Medicine Update 89
Westford, MA

04/28/89 "Cervical and Lumbar Osteoarthritis,"
St. Anne's Hospital Grand Rounds
Fall River, MA

04/24/89 "Medical Management of Low Back Pain"
Hunt Memorial Hospital
Danvers, MA

04/12/89 "Nutrition and Exercise For the Senior Citizen"
Trinitarian Church
Concord, MA

04/10/89 "Prevention and Treatment of Athletic Spine Injuries"
Sponsored by Cooley Dickinson Hospital
Northampton, MA

03/17/89 "Chronic Low Back Pain"
St. John's Hospital Grand Rounds
Lowell, MA

03/16/89 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Mercy Hospital
Buffalo, NY

03/16/89 "Prevention and Treatment of Athletic Spine Injuries"
Millard Fillmore Hospital Grand Rounds
Buffalo, NY

03/15/89 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Blasdell, NY

03/02/89 "Common Sports Injuries"
Youville Hospital
Cambridge, MA

02/24/89 "Catastrophic Sports Injuries"
6th Annual Office-Based Sports Medicine Conference
Sun Valley, ID
Sponsored by University of California School of Medicine at San Francisco

02/24/89 "When to Return to Contact Sports After a Concussion"
6th Annual Office-Based Sports, Medicine Conference
Sun Valley, ID
Sponsored by University of California School of Medicine at San Francisco

02/24/89 "Athletic Low Back Pain"
6th Annual Office-Based Sports Medicine Conference
Sun Valley, ID
Sponsored by University of California School of Medicine at San Francisco

02/22/89 "Acute and Chronic Brain Injuries in Boxing and Other Collision Sports"
6th Annual Office-Based Sports Medicine Conference
Sun Valley, ID
Sponsored by University of California School of Medicine at San Francisco

02/22/89 "On-the-Field-Management of Athletic Head and Spine Injuries"
6th Annual Office-Based Sports Medicine Conference
Sun Valley, ID
Sponsored by University of California School of Medicine at San Francisco

02/08/89 "Osteoarthritis of the Lumbar Spine"
New Britain Hospital Grand Rounds
New Britain, CT

02/08/89 "Sports Medicine In Primary Care"
Stamford Hospital Grand Rounds
Stamford, CT

02/07/89 "Feeling Fit After Forty"
Community Health Lecture Series
Emerson Hospital
Concord, MA

02/03/89 "Osteoarthritis of the Lumbar Spine"
Harvard Community Health Plan
Braintree, MA

01/20/89 "Catastrophic Injuries in High School and College Athletes"
The Second International Symposium on the Prevention of
Catastrophic Sports and Recreational Injuries to the Spine and Head
Toronto ,Canada

01/19/89 "Head Injuries: The Experience in the United States"
The Second International Symposium on the Prevention of
Catastrophic Sports and Recreational Injuries to the Spine and Head
Toronto, Canada

01/18/89 "Steroid Abuse in Athletics"
Sports Medicine Symposium Connecticut State Medical Society
Choate School
Wallingford, CT

01/17/89 "Catastrophic Sports Injuries"
Connecticut State Medical Society
Cheshire, CT

01/11/89 "Diagnosis and Treatment of Degenerative Cervical and Lumbar Spine Disease"
Henry Heywood Hospital Grand Rounds
Gardner, MA

01/11/89 "Athletic Low Back Pain"
Sports Medicine Systems
Newton, MA

12/20/88 "Low Back Pain"
Milford-Whitinsville Regional Hospital Grand Rounds
Milford, MA

12/10/88 "Head and Neck Injuries in Sports";
"On-the-Field Management of Head and Neck Injuries"
American Physical Therapy Association
Hilton Head Island, SC

11/21/88 "Women and Sports - Special Concerns"
The Daisy Flour Mill
Rochester, NY

11/21/88 "Sports Medicine In Primary Care"
Genesee Memorial Hospital Grand Rounds
Batavia, NY

11/11/88 "Which Sports Are At Greatest Risk and What Is Being Done";
"Sports Medicine-Sports Science: Bridging the Gap"
Kent County Hospital Grand Rounds
Warwick, RI

10/28/88 "Osteoarthritis Due To Spinal Injuries"
Cutler Army Hospital Grand Rounds
Fort Devens, MA

10/07/88 "Health Enhancement Through Physical Conditioning"
Concord Fitness Club
Concord, MA

10/05/88 "Head and Neck Injuries"
Sports Medicine Workshop
Boxborough, MA

09/29/88 "Arthritic Low Back Pain"
Health-In-Action Day
Boston, MA

09/22/88 "Prevention and Recognition of Athletic Head and Spine Injuries"
Sports Medicine Update: Prevention and Treatment of Fall Sports Injuries
Albany Medical College
Albany, NY

09/13/88 "Emergency Care of the Injured Athlete"
Littleton Junior-Senior High School
Littleton, MA

08/12/88 "Osteoarthritis and Sports Injuries"'
Brockton Hospital Grand Rounds
Brockton, MA

07/27/88 "Catastrophic Sports Injuries"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

07/26/88 "When To Return To Contact Sports After A Head Injury"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

07/25/88 "Prevention of Athletic Spine Injuries"
Omni Specialty Sports Medicine Update American Medical Tennis Association
Waterville Valley, NH

06/24/88 "The Diagnosis and Treatment of Degenerative Cervical and Lumbar Spine Disease"
Binghamton General Hospital Grand Rounds
Binghamton, NY

06/24/88 "Low Back Pain: Etiology, Diagnosis, and Treatment"
Binghamton, NY

06/23/88 "Athletic Catastrophic Sports Injury Study (1931-1987):
Which Sports Are At Greatest Risk and What Is Being Done To Reduce Injury"
Binghamton, NY

06/17/88 "Osteoarthritis - As It Relates To Sports Injuries"
St. John's Hospital Grand Rounds
Lowell, MA

06/10/88 "Catastrophic Sports Injuries: Which Sports Are At Greatest Risk
and What Is Being Done To Reduce Injury"
Sports Medicine Update '88
Westford, MA

05/31/88 "Head and Neck Injuries in Rugby"
International Conference on Rugby Injuries
Boston, MA

05/28/88 "Sudden Death - Ice Hockey"
American College of Sports Medicine Annual Meeting
Dallas, TX

05/28/88 "Catastrophic Sports Injuries: Which Sports Are At Greatest Risk
and What Is Being Done To Reduce Injury"
American College of Sports Medicine Annual Meeting
Dallas, TX

05/27/88 "Discogenic Low Back Pain"
American College of Sports Medicine Annual Meeting
Dallas, TX

05/26/88 "Cervical Spine Evaluation"'
Clinical Workshop
American College of Sports Medicine Annual Meeting
Dallas, TX

05/26/88 "Headache and Convulsion - Aerobic Exercise"
Clinical Lecture
American College of Sports Medicine Annual Meeting
Dallas, TX

05/25/88 "When to Return to Contact Sports After a Cerebral Concussion"
Tutorial Lecture
American College of Sports Medicine Annual Meeting
Dallas, TX

04/28/88 "Football Catastrophic Sports Injury Experience 1987"
Sports Medicine Section
American Association of Neurological Surgeons
Toronto, Canada

04/25/88 "When to Return to Contact Sports After Head Injury"
Panel Chairman: Breakfast Seminar
American Association of Neurological Surgeons
Toronto, Canada

03/24/88 "High School and College Catastrophic Sports Injury Survey:
Which Sports Are At Greatest Risk and What is Being Done To Reduce Injury"
Drake University Sports Medicine Conference
Des Moines, IA

03/24/88 Returning to Action After a Head Injury"
Drake University Sports Medicine Conference
Des Moines, IA

03/10/88 "Catastrophic Injuries in High School and College Athletes"
Writer's Conference American College of-Sports Medicine
New York, NY

03/05/88 "Return to Contact Sports After a Cerebral Concussion"
Fitness in Sports Fourth Annual Conference
Fort Worth, TX

02/09/88 "Feeling Fit After Forty"
Community Health-Lecture Series
Emerson Hospital
Concord, MA

01/31/88 "Update on Field Management of Head and Neck Injury"
1988 Lake Placid Sports Medicine Conference
Lake Placid, NY

01/30/88 "Concussion in Athletes"
1988 Lake Placid Sports Medicine Conference
Lake Placid, NY

11/06/87	"Head, Neck, and Back Injuries" American College of Sports Medicine, New England Chapter Worcester, MA
11/04/87	"Low Back Pain" Nashoba Community Hospital Grand Rounds Ayer, MA
09/20/87	"When to Return to Contact Sports After a Head Injury" New Hampshire Medical Society Mt. Washington, NH
08/07/87	"When to Return to Contact Sports After a Cerebral Concussion" Community Health Lecture Emerson Hospital Concord, MA
08/03/87	"Comparison of Exercycle and Monark Bicycles: Maximal Oxygen Uptakes" Exercycle Corporation Newport, RI
07/28/87	"New Concepts in the Treatment of Spinal Injuries" Symmes Hospital Grand Rounds Arlington, MA
06/05/87	"When to Return to Contact Sports After a Cerebral Concussion" New England Neurosurgical Society Cambridge, MA
05/29/87	"On-Site Evaluation of Head and Spine Injuries" Clinical Workshop American College of Sports Medicine Annual Meeting Las Vegas, NV
05/29/87	"Acute and Chronic Brain Injury in Contact Sports: Historical Perspective and Overview" American College of Sports Medicine Annual Meeting Las Vegas, NV
05/29/87	"Acute and Chronic Brain Injury in Contact Sports" Symposium Chairman American College of Sports Medicine Annual Meeting Las Vegas, NV
05/08/87	"Role of the Neurosurgeon In Sports Medicine" Panel Chairman: Breakfast Seminar American Association of Neurological Surgeons Dallas, TX
05/01/98	When to Return to Contact Sports After a Cerebral Concussion Sports Medicine Update '87 Westford, MA

04/24/87 "Extracranial Vascular Disease - The Carotid Endarterectomy Controversy"
Primary Care in Stroke: Putting the Puzzle Together
Westford, MA

04/06/87 "Brain Injuries In Football and Boxing - Can They be Prevented?"
Hot Topics in Sports Medicine and Sports Science '87
New York, NY -

02/27/87 "Medical Aspects of Boxing"
American College of Sports Medicine Clinical Conference
Keystone, CO

02/26/87 "Discogenic Disease - Surgical and Non-Surgical Approaches"
American College of Sports Medicine Clinical Conference
Keystone, CO

02/24/87 "Concussion - What Is It?: Guidelines for Returning to Sports"
American College of Sports Medicine Clinical Conference
Keystone, CO

02/23/87 "Acute and Chronic Brain Injury and Contact Sports"
American College of Sports Medicine Clinical Conference
Keystone, CO

01/08/87 "Guidelines for Return to Contact Sports After a Cerebral Concussion"
International Symposium on the Prevention of Catastrophic Sport, and Recreational Injuries to the Spine and Head
Toronto, Canada

01/07/87 "The Activities Leading to Head Injury"
International Symposium on the Prevention of Catastrophic Sports and Recreational Injuries to the Spine and Head
Toronto, Canada