

John A. McGreal Jr., O.D.

Dr. McGreal is a graduate of Albright College and the Pennsylvania College of Optometry. He was Chief of Eye Services at Greater Atlantic Health service in Philadelphia, where he also had a private practice. He was a founding partner in Vision Care Consultants, a managed eye care company in Pennsylvania. He was Center Director and Vice President for Vision America Incorporated for seven years. Currently, he is Director of the Missouri Eye Associates, a medical and surgical private practice in St. Louis.

He is adjunct faculty at the University of California, Berkeley School of Optometry, the Pennsylvania College of Optometry and the University of Missouri. He is internationally recognized for his educational endeavors.

He served on the continuing education committee for the North Central States Optometric Council and is past member of the Congress continuing education subcommittee of the American Optometric Association. He was the 42nd Peter's Memorial Lecturer at the University of California. He was the Nussenblatt Lecturer at the University of Houston in 2004. He was the 1998 Missouri Optometrist of the Year. He was the 2005 University of Missouri School of Optometry Educator of the Year. He is Director of Education of ODExcellence, a practice improvement company.

CURRICULUM VITAE

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Lake St. Louis, MO 63367

Birth Date & Place May 25, 1959
Philadelphia, PA

Current Positions

2001 - Present Missouri Eye Associates
Private comprehensive ophthalmic practice limited to secondary/tertiary
medical/surgical eye care

2002 – Present University of Missouri College of Optometry – Adjunct Faculty

1988 - Present Pennsylvania College of Optometry - Adjunct Faculty

1990 - Present University of California Berkeley School of Optometry - Adjunct Faculty

1994 - Present National Board of Examiners in Optometry - Clinical Examiner

2001 – Present Consultant for Primary Eyecare Network
Buying group and publishing company for Optometry
Technologies for diagnostics in glaucoma and retinal diseases

2007 – Present Director Education – OD Excellence

2000 – Present Speaker Bureau for Alcon Laboratories, Allergan, Heidelberg Technologies,
Zeimer Ophthalmics, SightPath Medical, ZeaVision, OfficeMate Software
Solutions, Cynacon/Ocusoft, Bausch & Lomb, Optovue, VSP, RPS, Inspire

Academic Degrees

1981 Albright College B.S.

1985 Pennsylvania College of Optometry O.D.

Special Education

1984 Internship in Primary Care Optometry
 Naval Regional Medical Center - Philadelphia

1984 Internship in Ophthalmology
 Laurel Eye Clinic, Brookville Hospital
 Oil City Hospital

1985 Internship Low Vision
 William Feinbloom Vision Rehabilitation Center,
 Wills Eye Hospital, Sight Saving Center of Lancaster

1985 Internship in Subspecialty Optometry/Ophthalmology
 McDonald Eye Associates - Philadelphia

1996 - Present Master of Business Dynamics M.B.D.
 Young Entrepreneurs Organization/ MIT/"Birthing of Giants"

Professional Experiences

- 1985 – 1993 Primary Eyecare Associates, P.C. – Founding partner/Private practice, Philadelphia, Pa.
1985 – 1993 Vision Care Consultants, Inc. – Founding partner/Managed eyecare company
Established nation's first capitated eyecare contracts
Managed Eyecare Consultant
- 1986 - 1993 Chief of Eye Services - Greater Atlantic Health Service, Philadelphia, PA
1985 McDonald Eye Associates, Philadelphia, PA
1985 American Federation of Labor Medical Service Plan, Philadelphia, PA
1985 Wills Eye Hospital - Low Vision Consultant, Philadelphia, PA
1988 - 1993 Pennsylvania Optometric Association - Continuing Education Chairman
1988 - 1993 Philadelphia County Optometric Association - Board of Directors
1987 - Present Optometric Educator - National / International
1994 – 2001 Omega Health Systems, Inc. / VisionAmerica, Incorporated (NASDAC) – Center
Director/St. Louis
Responsible for all operations; including marketing, budgeting, human resources,
financial, physical plant, network development, contracting/recruitment,
purchasing, education, planning
- 1998 – 2001 Omega Health Systems, Inc. / VisionAmerica, Incorporated (NASDAC) – Regional Vice
President
Responsible for all regional operations; compliance/legal, strategic planning,
acquisitions, peer review, quality assurance
- 2000 – 2003 American Optometric Association – Continuing Education Committee member for
Annual Congress
- 2002 – 2006 Associate Professor of Clinical Medicine & Pharmacology, University of Missouri
School of Optometry

Societies & Organizations

- 1985 American Optometric Association
1993 St. Louis Optometric Society
1984 American Public Health Association
1993 Missouri Optometric Association
1981 Pi Tau Beta Fraternity
1993 Bonsai Society of St. Louis
1991 International Tae Kwon-Do Federation
1992 American Shotokan Karate Alliance
1997 North Central States Optometric Council - Cabinet

Licensure Pennsylvania, New Jersey, Missouri

Awards & Distinctions

1985 Multilux Varilux Award - Commencement
1985 Clinical Excellence Award - Feinbloom Low Vision Internship
1986 Alumni Recognition Award - Albright College
1991 Philadelphia County Optometric Society - Optometrist of the Year
1992 1st Dan Black Belt - Korean Tae Kwon Do
1997 1st Dan Black Belt - Japanese Shotokan Karate-do
1997 42nd Peters Memorial Lecture - University of California
1998 Missouri Optometric Association - Optometrist of the Year
2003 2nd Dan Black Belt – Japanese Shotokan Karate-do
2004 37th Rosenblatt Memorial Lecture – University of Houston
2005 3rd Dan Black Belt – Japanese Shotokan Karate-do
2005 University of Missouri School of Optometry - Educator of the Year

Publications - Journals

1985 McGreal, J. A., Nyman, J. S.: "Colobomatous Microphthalmia." *Review of Optometry*,
122-6.
1996 McGreal, J. A.: "How To Use NSAIDS To Ease Pain and Inflammation." *Review of*
Optometry, 87-92.
1999 McGreal, J. A.: "Coding Higher for Success: Part 1" *Optometric Management*, March, 42-
48.
1999 McGreal, J. A.: "Coding Higher for Success: Part 2" *Optometric Management*, April, 52-
56.
1999 McGreal, J. A.: "Coding Higher for Success: Part 3" *Optometric Management* May, 45-50
1999 McGreal, J. A.: "Are You Using the Best Weapons Against Bacterial Keratitis?" *Review*
of Optometry, May, 81-86.
2008 McGreal, J.A.: "Is Imaging Better Than Visual Fields for Glaucoma?" *Review of*
Optometry, August 6-67.

Publications - Book Chapters

1990 McGreal, J. A., Mruk, C. C.: "Periorbital Dermatitis." Ocular Disease Update 2, 96-113.
1991 McGreal, J. A., Mruk, C. C.: "Update on Sexually Transmitted Disease." Ocular Disease
Update '91, 57-71.
McGreal, J. A., Chronister, C.: "Infectious Diseases" Clinical Medicine in Optometric

Practice, 100-160.

Publications – Books

2002 McGreal, J. A.: HIPAA Compliance Manual, Primary Eyecare Network/PEN Publishing

Lectures By Invitation - Domestic

- August 3, 1985 "Anterior Segment Ocular Disorders" Department of Internal Medicine, Philadelphia Health Associates, Philadelphia, Pennsylvania.
- January 16, 1986 "Pediatric Eye Care" - Department of Pediatrics, Philadelphia Health Associates, Philadelphia, Pennsylvania.
- October 22, 1987 "Comanagement of Complicated Eye Disease" - Iowa Optometric Association Therapeutics Course, Iowa City, Iowa.
- December 5, 1987 "Comanagement of Complicated Eye Disease" - Visual Health and Surgical Center, First Annual Ocular Symposium, Palm Beach, Florida.
- December 7, 1987 "Nevus of Ota" - American Academy of Optometry, Section on Ocular Disease, Denver, Colorado.
- December 8, 1987 "AIDS" - Pennsylvania Optometric Association Congress, Hershey, Pennsylvania.
- March 12, 1988 "Systemic Care" - Pennsylvania College of Optometry: Ocular Therapy for the Optometric Practitioner, Bloomington, Minnesota.
- October 27, 1988 "Systemic Care" - Pennsylvania College of Optometry: Ocular Therapy for the Optometric Practitioner, Philadelphia, Pennsylvania.
- November 7, 1988 "Marfan's Syndrome" - Pennsylvania Optometric Association Congress, Hershey, Pennsylvania.
- January 28, 1989 "Comanagement of Complicated Eye Disease" - North Central States Optometric Counsel, Minneapolis, Minnesota.
- March 1, 1989 "Ocular Implications of Systemic Medications" - New Jersey Optometric Association, Atlantic City, New Jersey.

John A. McGreal, Jr., O.D.
Curriculum Vitae
Page 6

- March 4, 1989 "Comanagement of Complicated Eye Disease" - Southwest Council of Optometry, Dallas, Texas.
- May 11, 1989 "Glaucoma Symposium" - Nebraska Optometric Association, Omaha, Nebraska.
- May 12, 1989 "Clinical Symposium: Oral Ophthalmics" - Nebraska Optometric Association, Omaha, Nebraska.
- May 18, 1989 "Ocular Disease Update" - Bucks/Montgomery County Optometric Society, Fort Washington, Pennsylvania.
- June 8, 1989 "Systemic Disease" - Pennsylvania College of Optometry: Ocular Therapy for the Optometric Practitioner, Philadelphia, Pennsylvania.
- October 18, 1989 "Dermatology of the Eye and Adnexa" - Northeastern Optometric Society, Scranton, Pennsylvania.
- October 21, 1989 "Uveitis and Systemic Disease" - Ocular Disease Update '89, Philadelphia, Pennsylvania.
- November 1, 1989 "Systemic Care" - Pennsylvania College of Optometry: Ocular Therapy for the Optometric Practitioner, Philadelphia, Pennsylvania.
- January 28, 1990 "Dermatology of the Eye and Adnexa" - North Central States Optometric Council, Minneapolis, Minnesota.
- January 28, 1990 "How to Start Ordering and Interpreting Laboratory Tests" - North Central States Optometric Council, Minneapolis, Minnesota.
- March 3, 1990 "Comanagement of Complicated Eye Disease" - North Carolina Optometric Association, Winston-Salem, North Carolina.
- May 7, 1990 "Comanagement of Complicated Cases" - Indiana Optometric Association, Indianapolis, Indiana.
- June 14, 1990 "Systemic Care" - Comanagement Ocular Therapy Course, Philadelphia, Pennsylvania.
- June 20, 1990 "Systemic Manifestations" - Advanced Ocular Therapy Course, Philadelphia, Pennsylvania.

John A. McGreal, Jr., O.D.
Curriculum Vitae
Page 7

- October 27, 1990 "How to Start Ordering and Interpreting Laboratory Tests" - North Carolina Optometric Association, Winston-Salem, North Carolina.
- October 31, 1990 "System Care" - Pennsylvania College of Optometry: Ocular Therapy for the Optometric Practitioner, Meridian, Connecticut.
- November 17, 1990 "Periorbital Dermatitis" - Ocular Disease Update '90, Philadelphia, Pennsylvania.
- January 4, 1991 "Acute Injury" - Minnesota Optometric Association, St. Paul, Minnesota.
- January 4, 1991 "Uveitis" - Minnesota Optometric Association, St. Paul, Minnesota.
- January 5, 1991 "Comanagement of Complicated Eye Disease" - Minnesota Optometric Association, St. Paul, Minnesota.
- March 21, 1991 "Managed Eyecare" - American Optometric Association Managed Care Conference, Houston, Texas.
- April 27, 1991 "Logical Strategies for Setting Contact Lens Fees" Bennett Center's Taking Care of Business: Practice Management Seminars, Philadelphia, Pennsylvania.
- June 15, 1991 "Comanagement of Complicated Eye Disease" - Concentrated Ocular Therapy, Philadelphia, Pennsylvania.
- June 19, 1991 "Advanced Systemic Care" - Advanced Concentrated Ocular Therapy Course, Philadelphia, Pennsylvania.
- September 21, 1991 "Sexually Transmitted Disease" - Ocular Disease Update '91, Philadelphia, Pennsylvania.
- October 17, 1991 "Comanagement of Complicated Eye Disease" - Concentrated Ocular Therapy, Philadelphia, Pennsylvania.
- February 1, 1992 "Staying on Top of Payment Reforms" - Great Exchange Conference & Office Automation Fair, Bennett Center for Practice Management, Philadelphia, Pennsylvania.
- February 28, 1992 "Uveitis" - Minnesota Optometric Association, St. Paul, Minnesota.
- April 25, 1992 "Systemic Care" - Minnesota Optometric Association, St. Paul, Minnesota.

- June 11, 1992 "Comanagement of Complicated Eye Disease" - Concentrated Ocular Therapy, Philadelphia, Pennsylvania.
- August 15, 1992 "Oculosystemic Case Studies" - Concentrated Ocular Therapy Course, University of California, Berkeley, California.
- October 18, 1992 "Advanced Systemic Care" - Concentrated Ocular Therapy, Alaska Optometric Association, Anchorage, Alaska.
- October 31, 1992 "Advanced Systemic Care" - Concentrated Ocular Therapy, New Jersey Optometric Association, Voorhees, New Jersey.
- February 24, 1993 "Ophthalmic Neurology for Optometrists", Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Philadelphia, Pennsylvania.
- February 25, 1993 "Evaluation & Diagnosis of Optic Nerve Disease" - Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Philadelphia, Pennsylvania.
- May 12, 1993 "Ophthalmic Neurology for the Optometrist" - Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Philadelphia, Pennsylvania.
- May 13, 1993 "Evaluation & Diagnosis of Optic Nerve Disease" - Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Philadelphia, Pennsylvania.
- October 29, 1993 "Ocular Therapy Review Course", Minnesota Optometric Association, Rochester, Minnesota.
- December 12, 1993 "Ocular Therapy Review Course" - Minnesota Optometric Association, Minneapolis, Minnesota.
- January 22, 1994 "Case Studies" - University of California School of Optometry's Therapeutics Course, Berkeley, California.
- January 23, 1994 "Anterior Segment Grand Rounds" - University of California School of Optometry's Therapeutics Course, Berkeley, California.
- January 28, 1994 "Neurofibromatosis" - University of Missouri School of Optometry; Grand Rounds, St. Louis, Missouri.

- June 15, 1994 "Concentrated Ocular Therapy" - Pennsylvania College of Optometry, Philadelphia, Pennsylvania.
- August 14, 1994 "Concentrated Ocular Therapy" - University of California School of Optometry, Berkeley, California.
- October 2, 1994 "Anterior Segment Update" - Nebraska Optometric Association, Kearney, Nebraska.
- October 8, 1994 "Concentrated Ocular Therapy" - White River Junction, Vermont.
- October 9, 1994 "Dermatology of Ocular Adnexa" - Missouri Optometric Association, Springfield, Missouri.
- November 14, 1994 "Phakomatosis" - University of Missouri School of Optometry, St. Louis, Missouri
- December 13, 1994 "Terson's Syndrome" - Case Report, St. Louis Optometric Society Grand Rounds, St. Louis, Missouri.
- January 10, 1995 "Cornea/ Concentrated Ocular Therapy" - University of Missouri School of Optometry, St. Louis, Missouri.
- February 11, 1995 "Dermatology of the Ocular Adnexa" - Heart of America Conference , Kansas City, Missouri.
- February 12, 1995 "Refractive Surgery" - Heart of America Conference, Kansas City, Missouri.
- March 14, 1995 "Anterior Segment Update" - Snow Mass Vision Expo, Aspen , Colorado.
- June 3, 1995 "Case Presentations" - University of California School of Optometry, Berkeley, California.
- October 19, 1995 "Refractive Surgery Update" - University of Missouri School of Optometry, St. Louis, Missouri.
- November 4, 1995 "Anterior Segment Update" - North Dakota Optometric Association, Bismark, North Dakota.
- January 8, 1996 "Ocular Therapy" - Ocular Therapeutics Course, University of California School of Optometry, Berkeley , California.

- January 13, 1996 “Ocular Therapy Grand Rounds” - Ocular Therapeutics Course, University of California School of Optometry, Berkeley, California.
- February 3, 1996 “Primary Care of the Anterior Segment” - North Central States Optometric Council, Minneapolis, Minnesota.
- February 4, 1996 “Ocular Surface Disease” - North Central States Optometric Council, Minneapolis, Minnesota.
- March 12, 1996 “Pharmaceutical Update” - 1996 Ski Vision Conference, Aspen, Colorado.
- March 13, 1996 “Refractive Surgery Update” - 1996 Ski Vision Conference, Aspen, Colorado.
- March 29, 1996 “Comanagement and Medicare Requirements” - University of Missouri School of Optometry, St. Louis, Missouri.
- May 5, 1996 “Grand Rounds” - Concentrated Ocular Therapy Course (TPA), University of California, Davis, California.
- May 6, 1996 “Dermatology of the Ocular Adnexa” - University of Missouri Clinical Medicine Course, St. Louis, Missouri.
- August 6-7, 1996 “Therapeutics Update” Illinois Therapeutics Course, Dolmers Grove, Illinois
- August 10, 1996 “Therapeutics Update” Concentrated Ocular Therapy Course (TPA), University of California, Davis, California.
- September 11, 1996 “Grand Rounds” Concentrated Ocular Therapy, University of California at Berkeley, Berkeley California.
- October 7, 1996 “Therapeutics Update” Georgia Optometric Association Annual Congress, Athens, Georgia.
- October 13, 1996 “Grand Rounds” Concentrated Ocular Therapy Course University of California at Los Angeles, California.
- October 20, 1996 “Therapeutics Update” Eyesavers Foundation of Massachusetts, Cambridge, Massachusetts.
- October 23, 1996 “Medicare Coding Workshop” University of Missouri School of Optometry Seminar week, St. Louis, Missouri.

- November 8-9, 1996 “Therapeutics Update” Wisconsin Optometric Association Fall Congress, Greenlake, Wisconsin.
- November 22, 1996 “Phakomatosis” University of Missouri School of Optometry, St. Louis, Missouri.
- January 9, 1997 “Concentrated Ocular Therapy” University of Missouri School of Optometry Therapeutics Course, St. Louis, Missouri.
- January 11, 1997 “Anterior Segment Update” Eyesavers Foundation, Boston, Massachusetts.
- January 13, 1997 “Laboratory Medicine” University of Missouri School of Optometry Therapeutics Course, St. Louis, Missouri.
- March 1, 1997 “Ocular Therapy Grand Rounds” University of California School of Optometry Concentrated Therapy Course, Berkeley, California.
- March 7, 1997 “Oculosystemic Disease” Ophthalmic Educators Incorporated Ocular Therapy Course, Downers Grove, Illinois.
- March 8, 1997 “Laboratory Medicine” Ophthalmic Educators Incorporated Ocular Therapy Course, Downers Grove, Illinois.
- March 11, 1997 “New Medications for Ocular Therapy” Aspen / Snowmass Vision Retreat, Aspen, Colorado.
- March 19, 1997 “New Oral Medications” Alabama Optometric Association, Montgomery, Alabama.
- March 19, 1997 “Topical and Oral Treatment of Eye Pain” Alabama Optometric Association, Montgomery, Alabama.
- April 13, 1997 “NSAIDS and Narcotic Drugs for Analgesia” State University of New York Concentrated Ocular Therapy Course, Meridan, Connecticut.
- May 17, 1997 “Ocular Manifestations of Systemic Disease” Eye Quest Conference, Chicago, Illinois.
- May 20, 1997 “Ocular Therapy Grand Rounds” University of California School of Optometry Concentrated Therapy Course, Berkeley, California.
- May 30, 1997 “Putting Therapeutics into Practice” Primary Eyecare Network, Walnut Creek,

California.

- June 01, 1997 "Putting Therapeutics into Practice" Primary Eyecare Network, Los Angeles, California.
- June 6-7, 1997 "Recent Advances in Glaucoma Diagnosis and Treatment/Workshops", American Optometric Association Centennial Congress, St. Louis, Missouri.
- July 26, 1997 "Dermatology of the Ocular Adnexa", Mountain States Council/Colorado Optometric Association, Snowmass, Colorado.
- July 27, 1997 "My Favorite Cases" Mountain States Council/Colorado Optometric Association, Snowmass, Colorado.
- August 5-6, 1997 "Oculosystemic Disease", Ophthalmic Educators Institute, Ocular Therapy Course, Waukegan, Illinois.
- October 17, 1997 "Headache", University of California School of Optometry, Alumni Reunion, Berkeley, California.
- October 18, 1997 "42nd Peters Memorial Lecture", University of California School of Optometry, Alumni Reunion, Berkeley, California.
- October 22, 1997 "Medicare Guidelines for 1998", University of Missouri School of Optometry, St. Louis, Missouri.
- November 8, 1997 "New Medicare Guidelines", Omaha Eye Institute, Omaha, Nebraska.
- November 15,16, 1997 "Ocular Therapy", Ocular Therapy Course, TPA, University of California School of Optometry, Berkeley, California.
- November 21, 1997 "Phakomatosis", University of Missouri School of Optometry, St. Louis, Missouri
- January 8, 1998 "New Medicare Guidelines 1998", Primary Eyecare Network, Pleasonton, California.
- January 10, 1998 "New Medicare Guidelines 1998", Primary Eyecare Network, Sacramento, California.
- January 11, 1998 "New Medicare Guidelines 1998", Primary Eyecare Network, Los Angeles, California.

- January 21,22, 1998 “Anterior Segment Update”, University of Missouri School of Optometry Concentrated Ocular Therapy Course / TPA, St. Louis, Missouri.
- January 31, 1998 “Icky Eye”, North Central States Optometric Council Para Optometric Association, Minneapolis, Minnesota.
- January 31, 1998 “Punctal Occlusion Workshop”, North Central States Optometric Council, Minneapolis, Minnesota.
- February 1, 1998 “New Oral Medications", North Central States Optometric Council, Minneapolis, Minnesota.
- February 19, 1998 “Diagnosing The Red Eye", Eye Surgeons and Consultants, Chicago, Illinois.
- February 27, 1998 “Topical and Oral Management of Eye Pain”, Southern Educational Council of Optometry, Atlanta, Georgia.
- February 28, 1998 “Dermatology of the Eye”, Southern Educational Council of Optometry, Atlanta, Georgia.
- March 1, 1998 “Role of Fluoroquinolones in External Disease”, Southern Educational Council of Optometry, Atlanta, Georgia.
- March 6, 1998 “Current Concepts and Controversies in Ocular Therapy”, California Optometric Association, Sacramento, California.
- March 7, 1998 “TMOD Review Course”, California Optometric Association, Sacramento, California.
- January 11, 1999 "Understanding Medicare Guidelines", Missouri Optometric Association Legal/Legislative Conference, Jefferson City, Missouri.
- January 16, 1999 "Our Favorite Cases", Snow Vision, Breckenridge, Colorado.
- January 17, 1999 "Anterior Segment Update", Snow Vision, Breckenridge, Colorado.
- January 17, 1999 "Advanced Clinical Decision Making", Snow Vision, Breckenridge, Colorado.
- January 20, 1999 "Ocular Therapeutics Update", University of Missouri, Therapeutics Course, St. Louis, Missouri.
- January 30, 1999 "Ocular Therapeutics Update", University of California, Therapeutics Course,

Berkeley, California.

- February 6, 1999 "Anterior Segment Update" Louisiana Optometric Association, Alexandria Louisiana.
- February 20, 1999 "Medicare Coding and Compliance Update", Primary Eyecare Network, Walnut Creek, California.
- February 21, 1999 "Medicare Coding and Compliance Update", Primary Eyecare Network, Los Angeles, California.
- February 25, 1999 "A Day in the Life of a Center Director", Southern Educational Council of Optometry, Atlanta, Georgia.
- February 26, 1999 "Medicare Coding and Compliance", Southern Educational Council of Optometry, Atlanta, Georgia.
- February 27, 1999 "Interactive Polling Grand Rounds", Southern Educational Council of Optometry, Atlanta, Georgia.
- March 12, 1999 "Contemporary Medicine", California Optometric Association, San Jose, California.
- March 12, 1999 "New Pharmaceuticals in Clinical Practice", California Optometric Association, San Jose, California.
- March 13, 1999 "New Pharmaceuticals in Clinical Practice", South West Council of Optometry, Dallas, Texas.
- March 14, 1999 "Advanced Clinical Decision Making", South West Council of Optometry, Dallas, Texas.
- March 18, 1999 "Role of Fluoroquinolones in External Disease", Vision Expo, New York, New York.
- March 18, 1999 "Dermatology of the Ocular Adnexa", Vision Expo, New York, New York.
- March 18, 1999 "Comanagement of Complicated Disease", Vision Expo, New York, New York.
- March 27, 1999 "Ocular Therapy", University of Missouri Ocular Therapy Course, St. Louis, Missouri.

- April 2, 1999 "3rd Party Billing", University of Missouri, St. Louis, Missouri.
- April 9, 1999 "New Pharmaceuticals in Clinical Practice", New Mexico Optometric Association, Albuquerque, New Mexico.
- April 10, 1999 "Our Favorite Cases", New Mexico Optometric Association, Albuquerque, New Mexico.
- April 19, 1999 "Advanced Medical Decision Making", Omega Institute, Houston, Texas.
- April 27, 1999 " Understanding Medicare Guidelines", Omega Institute, Circleville, Ohio.
- May 6, 1999 "Understanding Medicare Guidelines", Omega Institute, Jackson, Tennessee.
- May 11, 1999 "Understanding Medicare Guidelines", University of Missouri, St. Louis, Missouri.
- May 15, 1999 "Understanding Medicare Guidelines", Tennessee Optometric Association, Nashville, Tennessee.
- May 16, 1999 "Understanding Medicare Guidelines", Tennessee Optometric Association, Knoxville, Tennessee.
- May 18, 1999 "Ocular Therapy", University of California Ocular Therapy Course, Berkeley, California.

Lectures By Invitation - International

- May 13, 1991 "Comanagement of Complicated Eye Disease" - New Brunswick Optometric Society, Moncton, New Brunswick, Canada.
- February 17, 1993 "Ophthalmic Neurology for the Optometric Practitioner", Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.
- February 18, 1993 "Examination and Diagnosis of Optic Nerve Disease", Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.
- February 18, 1993 "Neuro-Eye Diseases" - Colegio Nacional de Opticos/ Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.

- February 19, 1993 "Oculosystemic Disease" - Colegio Nacional de Opticos/ Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.
- February 20, 1993 "Diagnosis & Evaluation of Optic Nerve Disease" - Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.
- February 20, 1993 "Neuro-Eye Disease" - Colegio Nacional de Opticos/ Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.
- February 21, 1993 "Oculosystemic Diseases" - Colegio Nacional de Opticos/Pennsylvania College of Optometry Center for International Studies; Madrid, Spain.
- March 9, 1993 "Oculosystemic Diseases" - University of New South Wales/Pennsylvania College of Optometry Center for International Studies; Sydney, Australia.
- March 10, 1993 "Grand Rounds - Case Studies" - University of New South Wales/Pennsylvania College of Optometry Center for International Studies; Sydney, Australia.
- March 11, 1993 "Oculosystemic Diseases" - Queensland Optometric Association/Pennsylvania College of Optometry Center for International Studies; Brisbane, Australia.
- March 12, 1993 "Grand Rounds - Case Studies" - Queensland Optometric Association/Pennsylvania College of Optometry Center for International Studies; Brisbane, Australia.
- March 16, 1993 "Oculosystemic Diseases" - Victoria Optometric Association/Pennsylvania College of Optometry Center for International Studies; Melbourne, Australia.
- March 17, 1993 "Grand Rounds - Case Studies" - Victoria Optometric Association/Pennsylvania College of Optometry Center for International Studies; Melbourne, Australia.
- March 18, 1993 "Oculosystemic Diseases" - Western Australia Optometric Association/Pennsylvania College of Optometry Center for International Studies; Perth, Australia.
- March 19, 1993 "Grand Rounds - Case Studies" - Western Australia Optometric Association/Pennsylvania College of Optometry Center for International Studies; Perth, Australia.
- January 12, 1994 "Anterior Segment Disease" - Colegio Nacional de Opticos, Madrid, Spain.

- January 14, 1994 "Posterior Segment Disease" - Colegio National de Opticos, Madrid, Spain.
- November 17, 1994 "Complicated Case Presentations" - Colegio National de Opticos, Madrid, Spain.
- April 1, 1995 "Concentrated Ocular Therapy" - University of Waterloo, Toronto, Canada.
- July 24, 1995 "Advanced Ocular Therapy" - University of New South Wales, Sydney, Australia.
- July 25, 1995 "Trauma" - University of New South Wales, Sydney, Australia.
- May 18, 1996 "Ocular Therapeutics" - Concentrated Ocular Therapy Course, Fachakademie Fur Augenoptik, Munich, Germany.
- May 19, 1996 "Ocular Therapeutics" - Concentrated Ocular Therapy Course, Fachakademie Fur Augenoptik, Munich, Germany.
- February 12-13, 1999 "Ocular Therapeutics Update", Pennsylvania College of Optometry Center for International Studies, Israel Optometric Association, Antaylia, Turkey.
- March 20-21, 1999 "Two Day Ocular Therapeutics Symposium", Missouri Optometric Association's Spring CE, Grand Cayman Island, BWI.