

## Curriculum Vitae

### Steven L. Galetta, MD

Philip K. Moskowitz, MD, Professor and Chair

Department of Neurology

Professor of Ophthalmology

NYU Langone Medical Center

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### Education

Year	Degree	Field	Institution
1975	High School Diploma		Xaverian High School
1979	B.A.	Biology	University of Pennsylvania
1983	M.D.	Medicine	Cornell University

**Postdoctoral Training:** None

### Internships and Residencies:

1983-84	Intern in Medicine, Hospital of the University of Pennsylvania, Philadelphia
1984-87	Resident in Neurology, Hospital of the University of Pennsylvania, Philadelphia

### Clinical and Research Fellowships:

1987-1988	Fellowship in Neuro-ophthalmology, Bascom Palmer Eye Institute, University of Miami School of Medicine, Miami
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### Licensure and Certification

1984	Pennsylvania License #MD-032213-E
1988	American Board of Psychiatry and Neurology Certificate #30950
2012-	New York State License # 266898

### Academic Appointments

1988-1993	Assistant Professor of Neurology, C-E, (Secondary appointment-Assistant Professor of Neurology in Ophthalmology) University of Pennsylvania School of Medicine
1993-1997	Associate Professor of Neurology, C-E, (Secondary appointment-Associate Professor of Neurology in Ophthalmology) University of Pennsylvania School of Medicine
1997-2012	Professor of Neurology, C-E,

(Secondary appointment-Professor of Neurology in Ophthalmology)  
 University of Pennsylvania School of Medicine  
 1997-2012 Van Meter Professor of Neurology,  
 University of Pennsylvania School of Medicine  
 2012- Van Meter Professor of Neurology Emeritus  
 University of Pennsylvania School of Medicine  
 2012- Professor of Neurology, NYU School of Medicine  
 2012- Philip K. Moskowitz, MD, Chair in Neurology

### **Hospital Appointments**

1988-2012 Attending Physician, Hospital of the University of Pennsylvania  
 2012- Attending Physician, NYU Langone Medical Center

### **Other Professional Positions and Major Visiting Appointments**

1995-1997 Adjunct Professor of Neurology,  
 University of Colorado School of Medicine  
 2014 Xaverian High School Board of Trustees

### **Awards and Honors**

(\* = University of Pennsylvania School of Medicine)

#### College

1979 Scholar Athlete-Class of 1915 Award  
 1979 Cane Award for Outstanding Leadership  
 1979 Magna Cum Laude  
 2005 University of Pennsylvania Athletic Hall of Fame

#### Medical School

1981 Vincent Astor Scholar  
 1983 Dean William Mecklenberg Polk Memorial Prize for Research Excellence

#### Resident

1987 Louis Dinon Award for Teaching Excellence\*

#### Faculty

1990 Commendation for Outstanding Teaching, Class of 1993\*  
 1990 Neurology Teacher of the Year Award\*  
 1990 1st Prize: Macworld Superstacks Contest in Higher Education Category (Neuro-ophthalmic Teaching Program)  
 1991 Christian R. and Mary F. Lindback Distinguished Teaching Award\*  
 1991 Commendation for Outstanding Teaching, Class of 1994\*  
 1991 Top Doctors in Philadelphia Region, Philadelphia Magazine, Sept 1991 issue  
 1992 Best Doctors in America, published by Woodward/White Inc., 1st edition  
 1992 Commendation for Excellence in Teaching, Class of 1992\*  
 1992 Penn Pearls Teaching Award\*

1993 Commendation for Excellence in Teaching, Class of 1993\*  
 1993 Distinguished Xaverian Alumnus Award  
 1994 Top Doctors in Philadelphia Region, Philadelphia Magazine, March 1994 issue  
 1994 Best Doctors in America, published by Woodward/White, Inc. 2nd edition  
 1995 Louis R. Dinon Award for Teaching Excellence\*  
 1996 Top Doctors in Philadelphia Region, Philadelphia Magazine, May 1996 issue.  
 1996 Best Doctors in America, Northeast Region  
 1996 Commendation for Excellence in Teaching, Class of 1999\*  
 1997 Commendation for Excellence in Teaching, Class of 2000\*  
 1998 Penn Pearls Teaching Award\*  
 1998 Best Doctors in America, 4th listing  
 1998 Louis Duhring Outstanding Clinical Specialist Award\*  
 1999 Top Doctors in Philadelphia Region, Philadelphia Magazine, May 1999 issue  
 2000 Distinguished Teaching Award, Class of 2002\*  
 2000 Top Doctors for Women, Philadelphia Magazine, May 2000 issue  
 2000 University of Colorado School of Medicine Teaching Award  
 2000 America's Top Doctors, Castle Connolly Publishers  
 2001 Teaching Award, Class of 2003\*  
 2001 Outstanding Lecturer Award, Class of 2004\*  
 2002 Robert Dunning Dripps Memorial Teaching Award\*  
 2002 Best Doctors in America, 5th listing  
 2002 Top Doctors in Philadelphia, Philadelphia Magazine, May 2002 issue  
 2003 America's Top Doctors, Castle Connolly, 2nd Edition  
 2003 Medical Student Government Teaching Award\*  
 2003 Penn Pearls Teaching Award\*  
 2003 America's Top Doctors, Castle Connolly, 3rd Edition  
 2003 Basic Science Teaching Award, Best Lecturer: Class of 2006\*  
 2004 Best Doctors in America, 6<sup>th</sup> listing  
 2004 Distinguished Neurology Teacher of the Year Award, American Neurological Association  
 2004 Medical Student Government Teaching Award\*  
 2004 Top Doctors in Philadelphia, Philadelphia Magazine, May 2004 issue  
 2004 America's Top Doctors, Castle Connolly Publishers, 4th Edition  
 2004 Achievement Award, American Academy of Ophthalmology  
 2004 Neurology Special Recognition Award\*  
 2004 Alpha Omega Alpha/Robert J. Glaser Distinguished Teacher Award, Association of American Medical Colleges (AAMC)  
 2004 Osler Institute Teaching Award  
 2005 Top Doctors in Philadelphia, Philadelphia Magazine, May, 2005 issue  
 2005 Americas Top Doctors, Castle Connolly Publishers, 5th Edition  
 2005 Outstanding Lecturer Award, Class of 2008\*  
 2006 Top Doctors in Philadelphia, Philadelphia Magazine, May 2006 issue  
 2006 Guide to America's Top Physicians  
 2007 America's Top Doctors, Castle Connolly Publishers 6th Edition  
 2007 Top Doctors in Philadelphia Magazine, May 2007 list  
 2007 America's Top Doctors, Castle Connolly Publishers, 7th edition.

2007 Best Lecturer Award, Class of 2010\*  
 2008 Parker J. Palmer Courage to Teach Award, Accreditation Council for Graduate Medical Education (ACGME)  
 2008 Top Doctors in Philadelphia, Philadelphia Magazine, May 2008 issue  
 2008 Neurology Teacher of the Year Award\*  
 2008 America's Top Doctors. Castle Connolly Publishers, 8<sup>th</sup> edition  
 2008 Class of 2011- Best Lecturer Award  
 2009 Gold Humanism Honor Society  
 2009 Top Doctors in Philadelphia, Philadelphia Magazine, April 2009  
 2009 Best Doctors in America, 2009-2010 Listing  
 2009 Guide to Americas Top Physicians  
 2010 America's Top Doctors, Castle Connolly 9<sup>th</sup> edition  
 2010 Penn Pearls Teaching Award\*  
 2010 Penn Med Minority Hall of Fame – Inducted by Penn Medical Students for Commitment to Minority Education\*  
 2010 Top Doctors in Philadelphia, Philadelphia Magazine, May 2010  
 2010 Best Lecturer Award, Class of 2013\*  
 2011 Best Doctors in America, 2011-2012 Listing  
 2011 America's Top Doctors, Castle Connolly, 10<sup>th</sup> edition  
 2011 Top Doctors in Philadelphia, Philadelphia Magazine, May 2011  
 2011 Best Lecturer Award, Class of 2014\*  
 2012 America's Top Doctors, Castle Connolly, 11<sup>th</sup> edition  
 2012 Top Docs in Philadelphia, Philadelphia Magazine, May 2012  
 2013 Americas Top Doctors, Castle Connolly, 12<sup>th</sup> edition  
 2013 Best Doctors in America, 2013-14 Listing  
 2013 Best Doctors in NYC, New York Magazine, June issue  
 2014 New York Superdoctors  
 2014 America's Top Doctors, 2014 listing, 13<sup>th</sup> edition.  
 2014 Inducted into NYU Medical School- AOA  
 2014 Best Doctors in NYC, New York Magazine, June issue  
 2014 Master Clinician Award, NYU Langone Medical Center  
 2015 New York Superdoctors  
 2015 Americas Top Doctors, 2015 listing, 14<sup>th</sup> edition  
 2015 Best Doctors in NYC, New York Magazine, June issue  
 2015 Best Doctors in America- 2015-2016 listing.  
 2016 New York Superdoctors  
 2016 Americas Top Doctor, 2016 listing, 15<sup>th</sup> edition  
 2016 Best Doctors in NYC, New York Magazine, June issue  
 2017 New York Superdoctors  
 2017 Innovator Award for Education, Connecticut Ophthalmology Society

## Major Committee Assignments

National and Regional

1994-2001	American Board of Neurology and Psychiatry, Written Test Committee
1994-1995	American Board of Neurology and Psychiatry Part II, Oral Board Examiner
1997-	Association University Professors of Neurology
1998-1999	Education Committee, American Neurologic Association
2001-2003	Board of Directors, North American Neuro-ophthalmology Society
2001-2006	American Academy of Neurology Scientific Program Committee (Abstract Reviewer)
2004-2006	North American Neuro-Ophthalmology Society Education and Program Committee
2006-2012	American Academy of Neurology Topic Work Group
2012-2013	Education Committee, American Neurologic Association
2014	American Neurological Association, Career Development Task Force
2014	American Academy of Neurology, Board Nominating Committee
2015	American Academy of Neurology, Concussion Planning Committee

#### University of Pennsylvania School of Medicine

1989-2012	Residency Education Committee
1989-2012	Neurology Residency Selection Committee
1990-1992	Council of Continuing Medical Education
1990-2012	Medical Student Career Advisor
1991-2012	Medical School Admissions Committee
1992-1993	Pathology Review Committee
1992-1993	Council for Undergraduate Medical Education
1992-1993	Clinical Preventive Medicine Committee
1993-1994	Radiology Review Committee
1996-1997	Otolaryngology Review Committee
1996-2000	Committee on Recreation and Intercollegiate Athletics
2000-2012	Board of Directors, Penn Neurocare Network
2003-2004	Committee on Students and Educational Policy

#### Hospital of the University of Pennsylvania

1989	Member, Ambulatory Care Committee
1991-1993	Practice Affairs Committee
1994	Housestaff Supervision Committee
1998-2012	Graduate Medical Education Committee
2000-2006	Medical Board

#### **NYU Langone Medical Center**

2013-	Executive Committee, NYU School of Medicine, Admissions Committee
2014-	UME Curriculum Committee, NYU School of Medicine

2015- GME Structural Innovation Committee, NYU School of Medicine

### **Memberships, Offices and Committee Assignments in Professional Societies**

1989- North American Neuro-Ophthalmology Society  
Fellow, American Academy of Neurology

1989- Frank B. Walsh Society  
Fellow, Stroke Council  
Fellow, North American Neuro-Ophthalmology Society  
Member, American Neurologic Association

1988- Member, Philadelphia Neuro-Ophthalmology Society  
1988-2012 Member, Philadelphia Neurological Society

2003-2004 President, Philadelphia Neurological Society

### **Editorial Positions**

#### Editorships

Editor, Current Treatment Options in Neurology  
Editor, Health Monitor  
Editor, Neurology Subsection for Introduction to Clinical  
Medicine Textbook

1996-00 Section Editor, Journal of Neuro-Ophthalmology  
2001-04 Section Editor, Neurologic Ophthalmology and Neuro-Otology,  
Current Treatment Options in Neurology

2005-06 Section Editor, UpToDate Neuro-Ophthalmology

#### Editorial Boards

1996-present Journal of Neuro-Ophthalmology  
1998-present Neurology

#### Ad Hoc Reviewer for

New England Journal of Medicine  
Annals of Internal Medicine  
Archives of Neurology  
Annals of Neurology  
Neurology  
Journal of Neurology, Neurosurgery, and Psychiatry  
Retina  
Neuro-Ophthalmology  
Journal of Neuro-Ophthalmology  
Archives of Ophthalmology  
Neurorehabilitation  
American Journal of Ophthalmology  
Journal of the Neurological Sciences  
Multiple Sclerosis

Mayo Clinic Proceedings  
American Journal of Medical Sciences  
Journal of Neurology  
Nature Neurology  
Journal of Neuroimaging

### **Principal Clinical and Hospital Service Responsibilities**

1993- Director, Division of Neuro-Ophthalmology  
Departments of Neurology and Ophthalmology  
1999-2001 Director, Multiple Sclerosis Division, Department of Neurology

### **Major Administrative Responsibilities**

1989-1996 Residency Coordinator, Department of Neurology  
1997-2012 Director, Neurology Residency Program  
1992-1995 Academic Coordinator, Department of Neurology  
2006-2008 Co-Chair, School of Medicine Committee on Admissions  
2006-2012 Vice Chairman, Department of Neurology  
2008-2009 Chair, School of Medicine Committee on Admissions  
2009-2012 Associate Dean for Admissions, University of Pennsylvania,  
Perelman School of Medicine  
2012- Chair, Department of Neurology, NYU School of Medicine

### **Teaching Experience**

University of Pennsylvania School of Medicine:

1989- 2012 Module 2: Brain/Behavior Course, Small group leader for clinical cases; Lecturer on physical diagnosis  
1988- 2012 Module 4: Neurology Core Clerkship, attending neurologist  
1993- 2012 Module 5: Electives, Selectives and Scholarly Pursuit, preceptor  
1988-2012 Lectures, Neuro-Ophthalmology Conference, Neurology/Ophthalmology residents/ medical students, throughout the year  
1988-2012 Neuro-Ophthalmology/Neurology outpatient service, 4 half-days/week  
1988-2012 Neurology inpatient/consult/ambulatory/clinic service, 10 weeks/year  
1988-2012 Neuro-Ophthalmology consult service with Neuro-Ophthalmology fellow, throughout the year

### **Mentoring of Graduate Students, Residents, Post-Doctoral Fellows \***

\* This table includes *Neuro-Ophthalmology fellows* trained at Penn and NYU. Dr Galetta was also residency program coordinator/director at the University of Pennsylvania from 1989 to 2012.

<i>Name</i>	<i>Background</i>	<i>Time Period</i>	<i>Present Position</i>
Katrinka Heher, MD	Ophthalmology, Wilmer	1994-95	Tufts University, Oculoplastics
Laura Balcer, MD, MSCE	Neurology, Penn	1995-96	NYU, Neurology
Jeff Bennett, MD, PhD	Neurology, U. Colorado	1997-98	University of Colorado, Neuro-Ophthalmology
Victoria Pelak, MD	Neurology, Penn	1998-99	University of Colorado, Neuro-Ophthalmology
Tammy Movsas, MD	Ophthalmology, Wash., D.C.	1999-2000	Neuro-Ophthalmology Practice, New Jersey
Robert Shin, MD	Neurology, Penn	2000-01	University of Maryland, Neuro-Ophthalmology
Dina Jacobs, MD	Neurology, Penn	2001-02	University of Pennsylvania, Neurology
Madura Tamhankar, MD	Ophthalmology	2002-03	University of Pennsylvania Neuro-Ophthalmology
Ken Shindler, MD, PhD	Ophthalmology, Penn	2003-04	University of Pennsylvania Neuro-Ophthalmology
Gabrielle Bonhomme, MD	Ophthalmology, Penn	2004-05	University of Pittsburgh, Neuro-Ophthalmology
Benjamin Osborne, MD	Neurology, Georgetown	2005-06	Georgetown University, Neuro-Ophthalmology
Christopher Glisson, DO	Neurology, Mich. State U.	2006-07	Michigan State University, Neuro-Ophthalmology
Melissa Wang Ko, MD Jennifer Hall, MD	Neurology, Penn Ophthalmology, Penn	2007-08	SUNY Syracuse, Neuro-Ophthalmology Wills Eye Hospital, Neuro-Ophthalmology
Sashank Prasad, MD	Neurology, Penn	2008-09	Brigham and Women's Hospital, Neuro-Ophthalmology
Robert Avery, DO Heather Moss, MD, PhD Stacy Pineles, MD	Neurology, CHOP Neurology, Penn Ophthalmology, UCLA	2009-10	D.C. Children's (Wash, D.C.) University of Illinois/Chicago Jules Stein/UCLA
Jennifer Graves, MD, PhD	Neurology, Penn	2010-11	UCSF, Neurology
Collin McClelland, MD Ryan Walsh, MD	Ophthalmology, Wash. U. Neurology, Mayo-Jacksonville	2011-12	Washington U. St. Louis Med. Coll. Wisconsin (Milwaukee)
Dan Gold, MD Marc Levin, MD	Neurology, Maryland Ophthalmology, Penn	2012-13	John Hopkins, Neurology UCSF, Ophthalmology
Rachel Ventura MD PhD Josh Bey MD	Neurology, Columbia Neurology, UT Southwestern	2013-2014	NYU, Neurology UT Southwestern, Neurology
Kannan Narayana	Neurology, Rutgers	2014-2015	Emory, Ophthalmology
Clotilde Hainline	Neurology, Albert Einstein	2015-2016	Boston University, Neurology



## Teaching Awards Received

(\* = University of Pennsylvania School of Medicine)

### Resident

1987 Louis Dinon Award for Teaching Excellence\*

### Faculty

1990 Commendation for Outstanding Teaching, Class of 1993\*  
1990 Neurology Teacher of the Year Award\*  
1990 1st prize: Macworld Superstacks Contest in Higher Education Category (Neuro-ophthalmic Teaching Program)  
1991 Christian R. and Mary F. Lindback Distinguished Teaching Award\*  
1991 Commendation for Outstanding Teaching, Class of 1994\*  
1992 Commendation for Excellence in Teaching, Class of 1992\*  
1992 Penn Pearls Teaching Award\*  
1993 Commendation for Excellence in Teaching, Class of 1993\*  
1995 Louis R. Dinon Award for Teaching Excellence\*  
1996 Commendation for Excellence in Teaching, Class of 1999\*  
1997 Commendation for Excellence in Teaching, Class of 2000\*  
1998 Penn Pearls Teaching Award\*  
2000 Distinguished Teaching Award, Class of 2002\*  
2000 University of Colorado School of Medicine Teaching Award  
2001 Teaching Award, Class of 2003\*  
2001 Outstanding Lecturer Award, Class of 2004\*  
2002 Robert Dunning Dripps Memorial Teaching Award\*  
2003 Medical Student Government Teaching Award\*  
2003 Penn Pearls Teaching Award\*  
2003 Basic Science Teaching Award, Best Lecturer: Class of 2006\*  
2004 Distinguished Neurology Teacher of the Year Award, American Neurological Association  
2004 Medical Student Government Teaching Award\*  
2004 Alpha Omega Alpha/Robert J. Glaser Distinguished Teacher Award, Association of American Medical Colleges (AAMC)  
2004 Osler Institute Teaching Award  
2005 Outstanding Lecturer Award, Class of 2008\*  
2007 Best Lecturer Award, Class of 2010\*  
2008 Parker J. Palmer Courage to Teach Award, Accreditation Council for Graduate Medical Education (ACGME)  
2008 Neurology Teacher of the Year Award\*  
2008 Class of 2011- Best Lecturer Award  
2010 Penn Pearls Teaching Award\*  
2010 Penn Med Minority Hall of Fame – Inducted by Penn Medical Students for Commitment to Minority Education\*

- 2010 Best Lecturer Award, Class of 2013\*  
 2011 Best Lecturer Award, Class of 2014\*

**Major Research Interests**

1. Multiple sclerosis (MS) clinical trials and visual function
2. Sports-related concussion

Work in both of these areas has led to the development and use of visual function testing and ocular imaging in MS clinical trials, and is improving the sideline detection of concussion in sports.

**Grants Received**

Prior						
Agency	Title	Type & #	Period	Total Direct Costs	Role	% Effort
Serono, Inc.	A Two-Arm, Randomized, Double-Blind, Placebo-Controlled, Multicenter Phase II Study To Evaluate Safety And Tolerability And To Explore The Neuroprotective Effect Of Atacicept as Assessed By Optical Coherence Tomography (OCT) In Subjects With Optic Neuritis	Clinical Trial, Industry Grant	9/08 – 9/11	\$5476.00	Site PI	
NIH/ Biogen-Idec.	A Multi-Center, Double-Blind, Randomized Study Comparing the Combined Use Of Interferon Beta-1a And Glatiramer Acetate to Either Agent Alone in Patients with Relapsing Remitting Multiple Sclerosis (CombiRx Phase III)	Clinical Trial, Industry Grant	8/04 – 11/12	\$0	Site Co-PI	
Biogen-Idec.	C-858: A Multi-Center, Phase IV, Randomized, Open-Label Study to Compare the Efficacy of Two Therapies (Acetaminophen and Prednisone) in the Management of Flu-like Symptoms Associated with AVONEX (Interferon-beta-1a) Treatment in Patients with Relapsing Multiple Sclerosis (AIMS)	Clinical Trial, Industry Grant	1/02 – 1/04	\$3763.00	Site PI	
Biogen-Idec.	C-850 - Ctr: Controlled, High Risk Avonex Multiple Sclerosis Prevention Study In Ongoing Neurological Surveillance (CHAMPIONS-850)	Clinical Trial, Industry Grant	7/01 – 6/08	\$15,533.00	Site PI	

NIH	5-U19-AI-046358-04 - RFA AI 98 010: Penn Autoimmunity Center Of Excellence	U19, Federal Grant	9/99 – 8/03	\$577,069.00	Investigator
Teva Marion Partners	A Multinational, Multicenter, Randomized, Double-Blind Study Assessing the Safety and Tolerability of Laquinimod in Adjunct to Glatiramer Acetate (GA) or Interferon-beta (IFN-β) in Relapsing Multiple Sclerosis	Clinical Trial, Industry Grant	7/99 – 6/04	\$103,826.00	Site Co-PI
Biogen-Idec.	International Multiple Sclerosis Secondary Progressive Avonex Controlled Trial (IMPACT)	Clinical Trial, Industry Grant	1/98 – 12/00		Site PI
Covance, Inc.	PROTOCOL C97-830 - Cltr/Biogen C97-830 Secondary Progressive MS Protocol	Clinical Trial, Industry Grant	6/98 – 5/02	\$30,162.00	Site PI
Biogen-Idec.	Controlled High Risk Patients, Avonex Multiple Sclerosis Prevention Study (CHAMPS): A randomized, double-blind, placebo-controlled study of Avonex (Interferon-beta 1a) in the treatment of subjects at high risk for development of multiple sclerosis following the first onset of an isolated demyelinating event (C95-812)	Clinical Trial, Industry Grant	1/96 – 4/03		Site PI
NIH	Quantitative Imaging in Multiple Sclerosis	R01	8/95 – 5/00		Co-I (PI Dr. Robert Grossman)
NIH	Quantitative Imaging and Spectroscopy in Multiple Sclerosis	R01 NS 29029-01	8/91 – 7/95		Co-I (PI Dr. Robert Grossman)
Johnson & Johnson - Therakos	Extracorporeal Photophoresis for the Treatment of Chronic Progressive Multiple Sclerosis	Clinical Trial, Industry Grant	8/90 – 7/92		Site Co-PI

### Current/ Pending

Agency	Title	Type & #	Period	Total Direct Costs	Role	% Effort
NIH/ NINDS	Rapid Sideline Neurologic Screening Tests for Sports-Related Concussion	K24, Federal Grant	9/12 - 8/17	\$163,767 (year 1)	Mentor (PI Laura Balcer)	5
Biogen-Idec	BIIB003: Anti-LINGO for Acute Optic Neuritis Phase II Trial	Clinical Trial	8/11 -		National Co-PI (w/ Laura)	

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Balcer),  
Consultant

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## Patents

None

## Invited Seminars and Lectures

1. "Chronic Isolated Sixth Nerve Palsies," Bascom Palmer Eye Institute, Key Biscayne Florida, June 15-16, 1988
2. "Sarcoid Optic Neuropathy," 1988 Neuro-Ophthalmology Course, Key Biscayne, Florida, December 8-10, 1988
3. Faculty, Update in Rheumatology, October 1989, "Temporal Arteritis," Philadelphia, PA
4. Ray Kroc Visiting Professor of Neurology, University of Colorado, June 6-8, 1990.  
Presentations: Neuro-Ophthalmology of Brain Tumors  
Optic Disc Abnormalities  
Disorders of the Pupil  
Supranuclear Control of Eye Movements
5. Faculty, Internal Medicine Board Review Course, "Neurology Review," June 12, 1990, Philadelphia, PA
6. Visiting Professor of Neurology, University of Rochester, September 5, 1990, "Neuro-ophthalmology of Brain Tumors"
7. Visiting Professor of Neurology, Wayne State University September 14, 1990, "Neuro-ophthalmology of brain tumors"
8. Faculty, Orbital Dissection Course: September 25, 1990, "Cavernous Sinus Anatomy," Scheie Eye Institute. Philadelphia, PA
9. "Neuro-Ophthalmology of Head Trauma," New Medico Rehab Center, September 24, 1990, Lafayette Hills, PA
10. "Neuro-Ophthalmology Emergencies," Ophthalmology for the Internist, October 20, 1990, Philadelphia, PA
11. Faculty, Neurology for the 1990's, "Neurology of Lyme Disease" November 7, 1990, Philadelphia, PA
12. Faculty, Neuro-Ophthalmology Course, "Ocular Motility Disorders in AIDS and Syphilis" December 8, 1990, Miami, FL
13. Visiting Professor of Neurology, May 29, 1991, Columbia College of Physicians and Surgeons, "Neuro-Ophthalmology of AIDS"
14. Faculty, Internal Medical Board Review Course, "Neurology Review," June 13, 1991, Philadelphia, PA
15. Faculty, Ocular Disease Update, "Temporal Arteritis Update" September 22, 1991, Philadelphia, PA
16. Visiting Professor of Neurology, Robert Wood Johnson Medical School, "Neuro-Ophthalmology of HIV Infection," October 16, 1991
17. Visiting Professor of Neuro-Ophthalmology, Hahnemann University Medical School, "Neuro-Ophthalmology Review," November 15, 1991
18. Guest Speaker, American Association of Neuroscience Nurses, "Pupil Disorders," February 5, 1992

19. Visiting Professor of Neuro-Ophthalmology, Washington University, "Neuro-Ophthalmology Emergencies" and "Neuro-Ophthalmology of AIDS," March 26, 1992, St. Louis, MO
20. Guest Speaker, St. Louis Ophthalmologic Society, "Neuro-Ophthalmology of Lyme Disease," March 26, 1992
21. Visiting Professor of Neurology, Mt. Sinai Hospital, "Neuro-Ophthalmology of Lyme Disease" and "Disorders of the Pupil," April 8, 1992, New York, NY
22. Visiting Professor of Neurology, University of Colorado, June 16-18, 1992,  
Presentations: Neuro-Ophthalmologic Examination  
Pupil Disorders  
Supranuclear Ocular Motor Control  
Optic Nerve Disorders  
Neuro-Ophthalmology of AIDS  
Neuro-Ophthalmology of Brainstem Disorders
23. Faculty, Internal Medicine Board Review Course, Neurology Review, June 23, 1992
24. Speaker and Program Director: Stroke: New opportunities for Intervention, October 28, 1992, Philadelphia, PA
25. Consumer Affairs: Topic: Stroke Prevention, October 29, 1992, Philadelphia, PA
26. Visiting Professor of Neuro-Ophthalmology, Hahnemann University Medical School, "Neuro-Ophthalmology Emergencies," February 26, 1993
27. Faculty and Program Director, Update in Neuro-Ophthalmology and Orbital Surgery "Neuro-Ophthalmology of Lyme Disease," March 6, 1993, Scheie Eye Institute, Philadelphia, PA
28. Guest Speaker, Philadelphia Nuclear Medicine Society, "Cortical Visual Field defects: The Role of SPECT Brain Imaging," April 14, 1993, Philadelphia, PA
29. Guest Speaker, Lehigh Valley Medical Center, "Neuro-Ophthalmology of Lyme Disease," April 16, 1993, Allentown, PA
30. Speaker, Ophthalmology: Current Trends for the Year 2000, "Spect in Cortical Visual Loss," April 23, 1993, Philadelphia, PA
31. Faculty, Internal Medicine Board Review, "Neurology Review," May 27, 1993
32. Guest Speaker, Burlington Memorial Hospital, "Neuro-Ophthalmology of Lyme Disease," June 9, 1993, Burlington, NJ
33. Visiting Professor of Neurology, University of Colorado, June 23, 1993  
Presentations: Neuro-Ophthalmologic Features of Giant Cell Arteritis  
Neuro-Ophthalmologic Examination  
Pupil Disorders  
Optic Nerve Disorders  
Nystagmus  
Brainstem Motility Disorders  
Neuro-Ophthalmologic Emergencies
34. Speaker and Course Director, Neuro-Ophthalmology: Controversy and Consensus: "Carotid disease and the Eye," October 2, 1993, Philadelphia, PA
35. Guest Speaker, Abington Memorial Hospital, Neuro-Ophthalmology Conference, October 20, 1993, Abington, PA
36. Course Director and Speaker, "Stroke Prevention and Treatment: Medical, Surgical, and Thrombolytic Options," November 8, 1993, Philadelphia, PA

37. Guest Speaker, NJ Academy of Ophthalmology, December 1, 1993, Monmouth, NJ  
Presentations: Neuro-Ophthalmology of Lyme Disease  
Motility Emergencies
38. Faculty, American Society of Neuro-Imaging, February 23-24, 1994, Beverly Hills, CA  
Presentations: Neuroimaging of Visual Field Defects  
Magnetization Transfer Imaging and Visual Mapping
39. Guest Speaker, Medical Grand Rounds, "Herpes Zoster Ophthalmicus," April 15, 1994, Lankenau Hospital
40. Guest Speaker, Neuro-Ophthalmology Conference, Abington Memorial Hospital, April 20, 1994, Abington, PA
41. Faculty, American Academy of Neurology, May 2, 1994, Washington, D.C., Neuro-Ophthalmology for Neurologists, Presentations: The Normal Fundus  
Common Retinal Abnormalities
42. Course Director, Case Presentations to Dr. J Lawton Smith, July 23, 1994, Philadelphia
43. Guest Speaker, National Medical Association, "Carotid Disease and the Role of Endarterectomy," July 27, 1994, Orlando, FL.
44. Visiting Professor of Neurology, University of Colorado, August 17, 1994  
Presentations: Carotid Disease and the Eye  
Neuro-Ophthalmologic Examination  
Visual Field Defects  
The Approach to Diplopia, III, IV, and VI Nerve Palsies  
The Pupil  
Optic Nerve Disorders
45. Guest Speaker, American Society of Neuroscience Nurses, "Disorders of the Pupil," September 29, 1994, Camden, NJ
46. Faculty, Penn Critical Care Update, "Neuro-Ophthalmologic Emergencies," October 7, 1994, Philadelphia, PA
47. Guest Speaker, The Chicago Medical School, Finch University Health Sciences, "The Role of Surgical Management in The Prevention of Stroke," October 26, 1994, Chicago, IL
48. Guest Speaker, Montgomery County Society for the Blind, "Cortical Visual Loss," December 2, 1994, Norristown, PA
49. Guest Speaker, North Penn Hospital Grand Rounds, "Neuro-Ophthalmology of Lyme Disease," January 6, 1995, Lansdale, PA
50. Guest Speaker, Controversy and Consensus in Stroke, "The Management of Asymptomatic and Symptomatic Carotid Disease," February 2, 1995, Morristown, NJ
51. Guest Speaker, Neuro-Ophthalmology Conference, Abington Memorial Hospital, February 8, 1995, Abington, PA
52. Faculty, American Academy of Neurology, Seattle, Washington. May, 1995  
Use Your Brain Program, "The Mind's Eye"  
Neuro-Ophthalmology for Neurologists, Presentations: The Normal Fundus  
Common Retinal Abnormalities
53. Course Director and Speaker: Controversy and Consensus, How to Manage Stroke, "Current Indications for Carotid Endarterectomy," May 31, 1995, Philadelphia, PA
54. Guest Speaker, Albert Einstein Medical Center Grand Rounds, "Neuro-Ophthalmology of Lyme Disease," June 2, 1995, Philadelphia, PA
55. Visiting Professor of Neurology, University of Colorado, August 23-25, 1995

- Presentations: New Concepts in Brainstem Localization  
The Neuro-Ophthalmologic Examination  
Pupils  
Optic and Retinal Abnormalities  
Visual Fields  
Neuro-Ophthalmology Emergencies  
Great Cases
56. Guest Speaker, Grand Rounds, Grandview Hospital, "Temporal Arteritis," September 26, 1995, Sellersville, PA.
  57. Faculty, Penn Neurology Update 1995, "Primary and Secondary Stroke Prevention," October 6, 1995
  58. Course Director and Speaker, Neuro-Ophthalmology and Systemic Diseases, "Neuro-Ophthalmology of AIDS," October 21, 1995, Philadelphia, PA
  59. Guest Speaker, Neuro-Ophthalmology Conference, Abington Memorial Hospital, Abington, PA, October 25, 1995
  60. Visiting Professor of Neurology and Ophthalmology, University of Michigan, November 17-18, 1995, Presentations: Great Cases in Neuro-Ophthalmology  
Carotid Disease and the Eye  
Neuro-Ophthalmology of Lyme Disease
  61. Visiting Professor of Neurology, Episcopal Hospital, Philadelphia, PA, December 21, 1995, "Neuro-Ophthalmologic Emergencies"
  62. Guest Speaker, Xaverian High School, "Vision and the Brain," Brooklyn, NY, January 29, 1996
  63. Visiting Professor of Neuro-Ophthalmology, Greater New York Ophthalmology Clinical Lecture Series, Manhattan Eye and Ear Infirmary, February 7-8, 1996, Presentations: Neuro-Ophthalmologic Emergencies  
Carotid Disease and the Eye  
Neuro-Ophthalmology of Lyme Disease  
Great Cases in Neuro-Ophthalmology
  64. Faculty, American Academy of Neurology, San Francisco, CA, March, 1996, Presentations: Nystagmus of CNS origin  
III, IV, VI Nerve Palsies
  65. Guest Speaker, Philadelphia Optometric Society Annual Meeting, "Neuro-Ophthalmologic Emergencies," April 21, 1996
  66. Guest Speaker, Vascular Headaches: Diagnosis and Management," Presbyterian Hospital, August 9, 1996
  67. Visiting Professor of Neurology, University of Colorado, August 28-30, 1996 Presentations: Visual Hallucinations: Are they Complex or Simple?  
The Neuro-Ophthalmologic Examination  
Pupils  
Optic Nerve Disorders  
Brainstem Motility Disorders  
III, IV, VI Nerve Palsies  
Nystagmus
  68. Faculty, 1st Annual Neuroscience Nursing Symposium, "Pupillary Disorders," Philadelphia, PA, September 26, 1996



69. Faculty, Penn Neurology Update, 1996, "Diagnosis and Treatment of Vascular Headache Disorders," October 4, 1996, Philadelphia, PA
70. Visiting Professor of Neuro-Ophthalmology, Greater New York Eye and Ear Infirmary, October 8-9, 1996, Presentations:
  - The Pupil
  - Nystagmus
  - III, IV, VI Nerve Palsies
71. Guest Speaker, Thrombosis, Hemostasis and Stroke Symposium, Overlook Hospital. Summit, NJ, "Current Role of Carotid Endarterectomy," October 22, 1996
72. Guest Speaker, Neuro-Ophthalmology Conference, Abington Memorial Hospital, October 23, 1996
73. Guest Speaker, Medical Grand Rounds, Albert Einstein Medical Center, "Acute Headache," November, 13, 1996
74. Faculty, North American Neuro-Ophthalmology Society Meeting, Keystone, Colorado, "Neuro-Ophthalmologic Complications of Cerebral Vasculitis," February 11, 1997
75. Speaker, Philadelphia Neurologic Society, "Amazing Cases in Neuro-Ophthalmology," February 19, 1997
76. Visiting Professor of Neurologic Education, Mayo Clinic, Rochester, MN, March 24-26, 1997, Presentations to:
  - Faculty and Staff: Visual Hallucinations
  - Residents: Great Cases in Neuro-Ophthalmology
  - Medical Students: Nystagmus
  - The Brainstem
77. Guest Speaker, Abington Memorial Hospital, Neuro-Ophthalmology Conference, April 9, 1997
78. Faculty, American Academy of Neurology, Boston, MA, April, 1997.
  - Presentations: Nystagmus of CNS origin
  - III, IV, VI nerve palsies
79. Course Director and Speaker, New Advances in the Management and Treatment of Optic Neuritis and Multiple Sclerosis, Topic: "Optic Neuritis: the Past, Present and Future," May 15, 1997, Philadelphia, PA
80. Visiting Professor of Neurology, University of Colorado, August 20-22, 1997,
  - Presentations: Great Cases in Neuro-Ophthalmology
  - The Neuro-Ophthalmologic Examination
  - Optic Nerve Disorders
  - Brainstem Motility Disorders
  - III, IV, VI Nerve Palsies
  - The Pupil
  - Visual Fields
81. Faculty, Panel Discussion on Migraine, September 11, 1997, Philadelphia, PA
82. Guest Speaker, Albert Einstein Medical Center, "Headaches," Philadelphia, PA, September 24, 1997
83. Faculty, Penn Neurology Update 1997, "Carotid Disease and the Eye," October 31, 1997, Philadelphia, PA
84. Guest Speaker, Headaches for the Family Practitioner, Eagles Mere, PA, November 7, 1997

85. Course Director and Speaker, Signs and Symptoms in Neuro-Ophthalmology, Topic: "Anisocoria," November 15 1997, Philadelphia, PA
86. Faculty, First Winter Symposium on Multiple Sclerosis, "Optic neuritis: Diagnosis and Management," Killington VT, February 28, 1998
87. Faculty and Moderator, Spring Multiple Sclerosis Symposium, Boston, MA, March 28, 1998, Presentations: Optic neuritis: Diagnosis and Management  
Case Studies on Multiple Sclerosis
88. Faculty, American Academy of Neurology, Minneapolis, MN, April 25-May 1, 1998, Presentations: Nystagmus of CNS Origin  
The Pupil
89. The Jackson Lecture, "Optic Neuritis and Current Therapy for Multiple Sclerosis," Lehigh Valley Hospital, May 8, 1998
90. Faculty and Course Director, Case Studies in Multiple Sclerosis: Controversy and Consensus, Philadelphia, PA, May 14, 1998
91. Visiting Professor Neurology, University of Colorado, Aug 26-28, 1998, Topics: Current diagnosis and management of optic neuritis.  
The Neuro-Ophthalmologic Examination  
Pupils  
III, IV, VI Nerve Palsies  
Nystagmus  
Visual Fields  
The Optic Nerve
92. Visiting Professor of Neurology, October 3, 1998, Washington Medical Center, Alper's Neuro-Ophthalmology Lecture Series, "Great Cases in Neuro-Ophthalmology"
93. Speaker, 1998 Update for Texas Internists, Philadelphia, PA, October 5, 1998, Topic: "Migraine"
94. Course Director, Neuro-Ophthalmology Update 1998, Oct. 24, 1998
95. Faculty: American Academy of Ophthalmology, Diagnosis and Therapy in Neuro-Ophthalmology, 1998
96. Visiting Professor of Neuro-Ophthalmology, Michigan State University, March 5-6, 1999 Presentations: Carotid Disease and the Eye  
Great Cases in Neuro-Ophthalmology  
Superficial Siderosis of the CNS
97. Speaker and Moderator, North American Neuro-Ophthalmology Society Meeting, March 14-18, 1999, Topic: "Immunomodulating Therapy for Optic Neuritis and Multiple Sclerosis"
98. Speaker and Course Moderator, April 10, 1999, Taking Control of MS, Philadelphia, PA
99. Faculty, American Academy of Neurology, April 17-23, 1999, Toronto, Canada Topics: Central Nystagmus  
The Pupil  
Case Presentations
100. Guest speaker, St. Agnes Medical Center, Philadelphia, PA. Topic: "Migraine Headache," April 28, 1999
101. Visiting Professor of Neurology, Long Island Jewish Medical Center (LIJ), Optic Neuritis: Current Diagnosis and Management, Long Island, NY, May 12, 1999

102. Guest Speaker, Frankford Hospital, Neuro-Ophthalmologic Emergencies, Philadelphia, PA, May 18, 1999
103. Visiting Professor of Neurology, Emory University Medical Center, June 18, 1999,  
Topics: Nystagmus: An Organized Approach  
Neuro-Ophthalmologic Emergencies
104. Faculty, Kevin Hill Neuro-Ophthalmology Course, July 26-29, 1999, Colby College, ME,  
Topics: Migraine  
Carotid Disease and the Eye  
Neuro-Ophthalmology Emergencies  
Multiple Sclerosis  
Nystagmus
105. Visiting Professor of Neuro-Ophthalmology, University of Virginia, August 13-14, 1999,  
Topics: Nystagmus: An Organized Approach  
Great Cases in Neuro-Ophthalmology
106. Visiting Professor of Neurology, University of Colorado, September 1-3, 1999,  
Topics: Neuro-Ophthalmologic Manifestations of CNS Vasculitis  
Neuro-Ophthalmology Emergencies  
Optic Nerve Disorders  
Double Vision  
Brainstem Motility Disorders  
Nystagmus  
Visual Field Abnormalities
107. Faculty, Neuro-Ophthalmology Course, Paris, France, October 9, 1999,  
Topics: Unusual Anisocoria  
Visual Cortex: What's New?
108. Faculty, Penn Neurology 2000, Bermuda November 4-6, 1999,  
Topics: Migraine  
Case Studies in Neuro-Ophthalmology,
109. Faculty, Penn Neuro-Ophthalmology Update, November 13, 1999, Scheie Eye Institute,  
Topic: The Approach to Double Vision
110. Visiting Professor of Neuro-Ophthalmology, Long Island College Hospital, Downstate Medical Center, December 3, 1999, "Neuro-Ophthalmology Emergencies"
111. Visiting Professor of Neuro-Ophthalmology, Greater New York Residency Conference, January 26, 2000, Topics: Nystagmus  
The Pupil  
Double Vision
112. Visiting Professor of Neurology, University of Rochester Medical Center, February 11, 2000, Topics: Nystagmus  
Double Vision
113. Paul Frank Lecture, "Neuro-Ophthalmologic Emergencies" April 5, 2000, Abington Memorial Hospital
114. Faculty, American Academy of Neurology, April 30 – May 5, 2000  
Presentations: Nystagmus  
The Pupil  
Neuro-Ophthalmologic Emergencies  
Case Presentations

115. Speaker and Moderator, Scheie Eye Institute 126<sup>th</sup> Anniversary Spring Meeting, May 12, 2000, Topic: "Results of the CHAMPS Study"
116. Speaker, Medical Grand Rounds at Christiana Hospital, "Migraine Headaches," June 1, 2000
117. Visiting Professor of Neurology, University of Colorado, August 30 - September 1, 2000, Presentations:
  - Optic Neuritis, Diagnosis, Management and the CHAMPS Study
  - The Pupil
  - The Brainstem
  - Nystagmus
  - Optic Nerve Abnormalities
  - Visual Fields
  - Double Vision
118. Visiting Professor of Neurology, Upstate Medical Center, Syracuse, NY, "Optic Neuritis: Diagnosis, Management and the CHAMPS Study," September 20, 2000
119. Speaker, Medical Grand Rounds at Holy Redeemer Hospital, October 19, 2000
120. Faculty, American Neurological Association, Education Symposium, "Residency Recruitment," October 15, 2000
121. Faculty, American Academy of Ophthalmology, October 23-25, 2000, Dallas, TX, Topics:
  - Diagnostic and Therapeutic Dilemmas in Neuro-ophthalmology
  - Emergency Neuro-Ophthalmology
122. Speaker, Hot Topics Symposium, American Academy of Ophthalmology, October 24, 2000, "The Effect of Interferon Beta 1-A In Treatment of Acute Clinical Demyelinating Events and the Rate of Development of Clinically Definite Multiple Sclerosis: Results of a Randomized, Placebo Controlled Trial"
123. Guest Speaker, Texas Area Neurologists, Dallas, TX, "Optic Neuritis and the CHAMPS Study," October 23, 2000
124. Speaker, Neuro-Ophthalmology Course at Scheie Eye Institute, Topic: "Optic Neuritis Update"
125. Visiting Professor of Neurology, Johns Hopkins Hospital, "Optic Neuritis: Diagnosis, Management and the CHAMPS Study," November 30, 2000
126. Visiting Professor of Neuro-Ophthalmology, University of Rochester Medical Center, December 16, 2000, Topic: "Optic Neuritis: Diagnosis Management and the CHAMPS Study"
127. Guest Speaker, Medical Grand Rounds, Roxborough Memorial Hospital, Roxborough, PA, January 23, 2001, Topic: "Migraine: Diagnosis and Management"
128. Speaker and Moderator, North American Neuro-Ophthalmology Society Meeting, February 18-22, 2001, "The CHAMPS Study"
129. Course Director, American Academy of Neurology, May 5-11, 2001,
  - Neuro-Ophthalmology I: The Swollen Optic Nerve
  - Case Presentations
  - Neuro-ophthalmology II: The Pupil
  - Case Presentations
  - The Optic Nerve
  - Case Presentations
130. Speaker, MS: Our Story, Current Therapy of Multiple Sclerosis, Philadelphia, PA, May 5, 2001

131. Faculty, MS Update, "The Rationale for Early Therapy," Waldorf Astoria, NY, June 29, 2001
132. Visiting Professor of Neurology, University of Colorado, August 29-31, 2001  
 Topics: The Approach to the Swollen Nerve  
 The Pupil  
 Nystagmus  
 Optic Nerve Disorders  
 Visual Fields  
 Double Vision
133. Visiting Professor of Neurology, Harvard Teaching Hospitals: Massachusetts General Hospital, Brigham and Women's Hospital, October 3-4, 2001, "Optic neuritis: Current Diagnosis and Management"
134. Visiting Professor of Neurology, LSU Medical Center: New Orleans, Oct. 12, 2001, "Optic Neuritis: Current Diagnosis and Management"
135. Guest Speaker, National Multiple Sclerosis Society, New Orleans, October 13, 2001
136. Speaker, American Academy of Ophthalmology, November 11-14 2001, New Orleans, LA,  
 Topics: Neuro-Ophthalmology Emergencies  
 The Orbit and Diabetes  
 Case Studies in Neuro-Ophthalmology
137. Speaker, American Academy of Optometry, Dec. 6, 2001, "Carotid Artery Dissection," Philadelphia, PA
138. Speaker, North American Neuro-Ophthalmology Society, February 12, 2002, "The Management of Optic Neuritis"
139. Visiting Professor of Neurology and Ophthalmology, March 20-21, 2002, UCSF Medical Center, San Francisco, CA, Topics: Nystagmus  
 Great Cases in Neuro-Ophthalmology  
 Optic Neuritis
140. Visiting Professor of Neurology, May 3, 2002, "Pupillary Disorders," Penn State Medical Center, Hershey, PA
141. Course Director, April 14, 2002, Neuro-Ophthalmology I and II, American Academy of Neurology, Denver, CO
142. Faculty, Nystagmus: An Organized Approach., April 13, 2002, American Academy of Neurology, Denver, CO
143. Faculty, 128<sup>th</sup> Anniversary Meeting, "Optic Neuritis and Multiple Sclerosis: The Role of Early Therapy," Philadelphia PA, May 18, 2002
144. Visiting Professor of Neurology, "Optic Neuritis: Current Diagnosis and Management," University of Texas, Houston, TX, May 31, 2002
145. Visiting Professor of Neurology, "Optic Neuritis: Current Diagnosis and Treatment," Geisinger Medical Center, June 7, 2002
146. Speaker, Neuro-Ophthalmology: Diagnosis and Management, Hilton Head, South Carolina, August 16-18, 2002,  
 Topics: Optic Neuritis  
 Nystagmus  
 Those Other Headaches

147. Visiting Professor of Neurology, University of Colorado, Aug. 21-23, 2002,  
 Topics: Acute Visual Loss  
           Pupil Disorders  
           Nystagmus  
           Visual Field Disorders  
           Double Vision  
           Brainstem Disorders  
           Optic Nerve Disorders
148. Faculty, Navigating the Maze of MS, San Francisco, August 24-25, 2002, Topic: "Optic Neuritis: Current Diagnosis and Management"
149. Speaker, Lankanau Hospital Ground Rounds, October 4, 2002, Topic: "Neuro-ophthalmology Emergencies"
150. Speaker, Abington Memorial Hospital, October 28, 2002, Topic: "Headaches"
151. Speaker, American Academy Ophthalmology, October 19-21, 2002,  
 Presentations: Advanced Neuro-Ophthalmology  
                   ER Neuro-Ophthalmology  
                   Neuro-Ophthalmology of Multiple Sclerosis
152. Visiting Professor of Neurology, Southern Illinois University, October 2002, Topic: "Optic Neuritis: Current Diagnosis and Management"
153. Visiting Professor of Neurology, U.S. Armed Forces Neurology Meeting, San Antonio, TX, November 22, 2002, Topic: "Optic Neuritis: Current Diagnosis and Management"
154. Speaker, University of Texas, San Antonio, November 22, 2002
155. Speaker, Neuro-Ophthalmology: Management Decisions and Controversies in Clinical Practice, Philadelphia PA, November 9, 2002
156. Visiting Professor of Neurology, Albert Einstein Medical Center, "Nystagmus: An Organized Approach," Bronx, NY, December 11, 2002
157. Visiting Professor of Neurology, Hahnemann University Medical Center, "Optic Neuritis: Current Diagnosis and Management, Philadelphia, PA, January 10, 2003
158. Speaker and Moderator: MS Update: Early Treatment of Multiple Sclerosis, Philadelphia, PA, January 11, 2003.
159. Visiting Professor of Neuro-Ophthalmology, "Nystagmus: An Organized Approach," Washington Medical Center, Washington, DC, February 1, 2003
160. Course Director and Faculty, Neuro-Ophthalmology I and II, American Academy of Ophthalmology, Honolulu, Hawaii, March 31, 2003,  
 Topics: The Swollen Optic Nerve  
           The Pupil  
           Case Studies
161. Faculty, American Academy of Neurology, ER Neuro-Ophthalmology, "Transient Visual Loss," Honolulu, Hawaii, March 30, 2003
162. Visiting Professor of Neurology, University of South Alabama, "Optic Neuritis: Diagnosis and Management," April 16, 2003
163. Visiting Professor of Neurology, NYU Medical Center, "Optic Neuritis: Diagnosis and Management," April 22, 2003
164. Visiting Professor of Neurology, University of Montreal, Canada, "Neuro-Ophthalmologic Emergencies: Optic Neuritis," May 13, 2003

165. Speaker, The Osler Institute Ophthalmology Board Review Course, "Neuro-Ophthalmology Emergencies, Pupil," Philadelphia, PA, June 1, 2003
166. Visiting Professor of Neurology, University of Colorado, August 20-22, 2003,  
Topics: Nystagmus  
Transient Visual Loss  
Pupils  
Double Vision  
Visual Fields  
Optic Nerve Abnormalities  
Brainstem Disorders
167. Visiting Professor of Neurology, Northwestern University, September 9, 2003, "Optic Neuritis: Diagnosis and Management"
168. Visiting Professor of Neurology, Cornell Medical College, September 24, 200, "Optic Neuritis"
169. Faculty, Penn Neurology Update: 2004: "The Monosymptomatic High Risk Patient," San Juan, Puerto Rico, February 14, 2004
170. Faculty, MS Update: The Rationale for the Early Treatment of Multiple Sclerosis," Lake Tahoe, NV, March 12-14, 2004
171. Visiting Professor of Neurology, Georgetown University, "Optic Neuritis: Diagnosis and Treatment," May 27, 2004
172. Visiting Professor of Neuro-Ophthalmology, Yale University, Spring Symposium Talks:  
Optic Neuritis  
Neuro-Ophthalmologic Emergencies  
Migraine: Current Diagnosis and Management.
173. Visiting Professor of Neurology, University of Colorado, August 18-20, 2004,  
Topics: Neuro-Ophthalmology of the Bible  
Nystagmus  
Optic Nerve Disorders  
Pupils  
Fields  
Double Vision  
Brainstem Disorders
174. Faculty, American Neurological Association, Toronto, Canada, Residents' Symposium, October 2, 2004
175. Visiting Professor of Neurology, St Luke's /Roosevelt Hospital, November 10, 2004, "Optic Neuritis: Differential Diagnosis and Management"
176. Course Director and Faculty, The Diagnosis and Management of Optic Neuritis and Multiple Sclerosis, Topic: "Clinical Trial Update," Philadelphia, PA, November 20, 2004
177. Visiting Professor of Neuro-Ophthalmology, UMDNJ- Newark, "Optic Neuritis," December 20, 2004
178. Visiting Professor of Neurology, Johns Hopkins Hospital, Baltimore, MD, "Optic Neuritis," January 20, 2005
179. Guest Speaker, French National MS Symposium, Paris France, "The Past Decade of Immunomodulatory Therapy," January 22, 2005
180. Faculty Chairman, A New Era of MS Therapy: Implications for Patient Care," National webcast and satellite broadcast, January 27, 2005

181. Speaker, North American Neuro-Ophthalmology Society Meeting, Copper Mountain, Colorado, February 16, 2005, “The High Risk Monosymptomatic Patient: The Case for Early Treatment”
182. Visiting Professor of Neurology, University of Iowa, Iowa City, Iowa, February 17-18, 2005, Topics: The Past Decade of Immunomodulatory Therapy  
Neuro-Ophthalmologic Emergencies  
Optic Neuritis: Differential Diagnosis and Management
183. Visiting Professor of Neurology, Thomas Jefferson Medical Center, Philadelphia, PA, April 1, 2005, “Neuro-Ophthalmology of the Bible”
184. Guest Speaker, Neuro-Ophthalmology Update 2005, Bascom Palmer Eye Institute, Miami, FL, April 8-9, 2005, Topics: Migraine  
Optic Neuritis  
Nystagmus
185. Speaker, American Academy of Neurology: Optic Neuritis, Giant cell arteritis, Miami FL, April 11, 2005
186. Visiting Professor of Neurology, New York University, NY, April 26, 2005, “Neuro-Ophthalmologic Emergencies”
187. Visiting Professor of Neurology, University of Colorado, Neuro-Ophthalmology Jeopardy, August 29, 2005, Topics: Pupils  
Brainstem  
Optic Nerve  
Nystagmus  
Double Vision  
Visual Fields
188. Faculty, American Academy of Ophthalmology, “Neuromyelitis Optica is a Variant of MS,” Chicago, IL, November, 2005
189. Faculty, National Biogen MS Symposium: The Early Treatment of Multiple Sclerosis, January 28, 2006
190. Faculty, Neurology Board Review: “Pupils and Ocular Motility Disorders,” Philadelphia, PA, September 30, 2005
191. Faculty, Penn Neurology and Neurosurgery Interface, “CSF Cases” and “Trigeminal Neuralgia,” Puerto Rico, February 17-18, 2006
192. Faculty, Johns Hopkins MS Update: Recognizing and Managing the Clinically Isolated Syndrome, New York, NY, February 25, 2006
193. Visiting Professor of Neuro-Ophthalmology, Cleveland Clinic, March 4, 2006, Topics: Case Presentations  
Optic Neuritis
194. Speaker, Genentech Neuromyelitis Optica Advisory Board: “Neuromyelitis is a Distinct entity,” May 19, 2006
195. Visiting Professor of Neurology, “Neuro-Ophthalmology Jeopardy,” University of Maryland, May 24, 2006
196. 1<sup>st</sup> Annual Herbst Lecturer, Connecticut Society of Eye Physicians, June 2, 2006, Topics: Management of the Clinically Isolated Syndrome  
The Pupil  
Neuro-Ophthalmology Jeopardy



197. Speaker, White Coat Ceremony, University of Pennsylvania School of Medicine, "Clinical Practice Gems," Philadelphia, PA, August 11, 2006
198. Speaker, Biogen National Faculty Meeting, "Case Studies in Multiple Sclerosis," September 10, 2006
199. Visiting Professor of Neurology, University of Colorado, September 27-28, 2006,  
Topics: Great Cases in Neuro-Ophthalmology  
Pupils  
Optic Nerve  
Nystagmus  
Double Vision  
Neuro-Ophthalmologic Emergencies  
Visual Fields
200. Guest Speaker, 10th Annual Rocky Mountain Ophthalmology Meeting, "The Diagnosis and Differential Diagnosis of Optic Neuritis," Colorado, September 29, 2006
201. Guest Speaker, German International MS Symposium, Munich, November 4, 2006,  
Topics: Case studies in MS  
Identifying the Natalizumab Patient
202. Visiting Professor of Neurology, "Optic Neuritis: Current Diagnosis and Management," Albert Einstein Medical Center, Bronx, NY, November 29, 2006
203. Visiting Professor of Neurology, Cornell Medical Center, December 13, 2006, "Neuro-Ophthalmology Jeopardy"
204. The 1st<sup>st</sup> Tom Shults Lecture in Neuro-Ophthalmology, Oregon Health Sciences Center, "Optic Neuritis," December 15, 2006
205. Visiting Professor of Neurology, Brigham and Woman's Hospital, Harvard Medical School, December 20, 2006, "Neuro-Ophthalmology Jeopardy"
206. Faculty, Penn Neurology and Neurosurgery Interface, "Trigeminal Neuralgia," March 13, 2007, Philadelphia, PA
207. Faculty, American Academy of Neurology, Neuro-Ophthalmology Course, May 4, 2007,  
Topics: Anisocoria  
Optic Neuritis
208. Faculty, Consortium of MS Centers, "The Clinically Isolated Syndrome," May 30, 2007, Washington DC
209. Visiting Professor of Neurology, University of Colorado, August 15-17, 2007,  
Topics: Great Flicks in Neuro-Ophthalmology  
Pupils  
Brainstem Disorders  
Nystagmus  
Double Vision  
Neuro-Ophthalmologic Emergencies  
Visual Fields
210. Faculty, Advanced Neuro-Ophthalmology Course, American Academy of Ophthalmology, New Orleans, LA, November 11, 2007
211. Visiting Professor of Neuro-Ophthalmology, "Neuro-Ophthalmology Jeopardy," Washington Medical Center, Washington DC, Dec 8, 2007
212. Visiting Professor of Neurology, Tufts University Medical Center, "Neuro-Ophthalmology Jeopardy," Boston, MA, April 10, 2008

213. Faculty, American Academy of Neurology, Neuro-ophthalmology Course, Chicago, IL, April 13, 2008, Topics: Anisocoria  
Optic Neuritis
214. Keynote Speaker, American Academy of Neurology Resident and Fellow Luncheon, "What My Mentors Taught Me," Chicago, IL, April 13, 2008
215. Course Director, American Academy of Neurology, Nystagmus: An Organized Approach, Chicago, April 16, 2008
216. Faculty, Penn Optic Neuropathy Update 2008, "Optic Neuritis: Diagnosis Secure - Now What?" April 19, 2008, Philadelphia, PA
217. Visiting Professor of Neurology, University of Colorado, Sept 2-4, 2008, Topics: Neuro-Ophthalmology of Paraneoplastic Disease  
Neuro-Ophthalmologic Emergencies  
Visual Fields  
Pupils  
Brainstem Disorders  
Double Vision  
Nystagmus
218. Ellery Sedgwick Visiting Professor of Neurology, Case Western Reserve University, September 19, 2008, "Neuro-Ophthalmology Jeopardy"
219. Grand Rounds Speaker, Crozer Chester Medical Center, "The Early Treatment of Multiple Sclerosis," October 2, 2008
220. Visiting Professor of Neurology, School of Medicine in Alexandroupolis, Greece, October 11-13, 2008, Topics: Neuro-ophthalmology of Paraneoplastic Disorders  
Brainstem Disorders  
Neuro-Ophthalmologic Emergencies
221. Visiting Professor of Neurology, Emory University, "Neuro-Ophthalmology Jeopardy," November 7, 2008
222. Faculty, American Academy of Ophthalmology, "Great Cases in Neuro-Ophthalmology," November 9, 2008
223. Visiting Professor of Neuro-Ophthalmology, Mass Eye and Ear Infirmary, "Neuro-Ophthalmology Jeopardy," December 3, 2008
224. Alfred J. Himelfarb Lecture, "Advances in the Diagnosis and Management of Multiple Sclerosis," Sinai Hospital, Baltimore, MD, April 23, 2009
225. Faculty, American Academy of Neurology, Seattle, WA, May 1, 2009, Topics: Anisocoria  
Optic Neuritis
226. Dr. George E. de Schweinitz Lecture, College of Physicians of Philadelphia, "Optic Neuritis: Current Diagnosis and Management," November 19, 2009
227. Speaker and Moderator, North American Neuro-ophthalmology Society Meeting, Tucson, Arizona, "Neuromyelitis Optica: Current Diagnosis and Management," March 12, 2010
228. Faculty, American Academy of Neurology, Toronto, Canada, April 10-17, 2010, Topics: Anisocoria  
Optic Neuritis  
Optic Neuritis and OCT  
Nystagmus: An Organized Approach

229. Speaker, Yesterday, Today and Tomorrow: Understanding the Pathophysiology and Treatment of Neurologic Diseases, A Symposium in Honor of Donald Gilden MD, "Optic Neuritis as a Neuroprotective Model," May 21, 2010, Denver, CO
230. Visiting Professor of Neurology, University of Colorado, August 24-25, 2010,  
Topics: Colorado Film Festival  
Neuro-ophthalmological Emergencies  
Visual fields, Pupils  
Brainstem Disorders  
Double Vision  
Nystagmus
231. Visiting Professor of Neurology, University of Rochester, September 9-10, 2010,  
Topics: Neuro-Ophthalmology Jeopardy  
Optic Neuritis: Diagnosis and Management
232. Speaker, "OCT and Those Other Optic Neuropathies," ECTRIMS, Gothenburg, Sweden, October 13, 2010
233. Visiting Professor of Neurology and Ophthalmology, UCSF, November 17-18, 2010,  
Topics: Optic Neuritis: A Model for Emerging Therapies  
The UCSF Film Festival
234. Speaker, AAO Larry Gray Symposium, "Optic Neuritis: Diagnosis and Management," San Francisco, CA, November 18, 2010
235. Speaker, Philadelphia Neurological Society, "Neuro-Ophthalmology Jeopardy," December 8, 2010
236. Speaker, North American Society Meeting, "Starting and Switching MS Therapy," Vancouver, BC, Canada, February 5-10, 2011
237. Faculty, Biogen National Faculty Meeting, "Optic Neuritis: A Model for Neuroprotection," San Diego, CA, March 13, 2011
238. Faculty, One Mind for Research Symposium, "Sideline Testing for Concussion," Boston, MA, May 23, 2011
239. Faculty, Connecticut Ophthalmology Society Symposium, June 10, 2011,  
Topics: Neuro-Ophthalmology Jeopardy  
Optic Neuritis: A Model for Neuroprotection  
Neuro-Ophthalmologic Emergencies
240. Speaker, Prevention of Brain Injury in Football, Drexel University, "King Devick Test," June 17, 2011
241. Visiting Professor of Neurology, NYU Medical Center, "Neuro-Ophthalmology of Multiple Sclerosis," September 27, 2011
242. 1<sup>st</sup> Annual Donald Gilden Visiting Professor of Neurology, "The Neuro-Ophthalmology of MS," University of Colorado, October 12-13, 2011
243. Faculty, American Academy of Ophthalmology, Advanced Course in Neuro-Ophthalmology, October, 25, 2011
244. David Pellar Visiting Professor of Neurology, Mayo Clinic Scottsdale, "Sports-Related Concussion: Rapid Sideline Tests," November 10, 2011
245. Speaker, International Motor Sports Conference, "New Tools for Concussion Management," Indianapolis, IN, December 7, 2011

246. Faculty, Current Concepts in Ophthalmology 2012, Atlantic City, NJ, January 6-7, 2012,  
Topics: Anisocoria  
Optic Neuritis  
Neuro-Ophthalmology Emergencies
247. Faculty, American Academy of Neurology Annual Meeting, New Orleans, LA, April 21-25, 2012,  
Topics: Anisocoria  
Optic Neuritis  
Optic Neuritis and OCT  
Nystagmus: An Organized Approach
248. Faculty, NINDS, AUPN, ANA, CNS Course: Combining Clinical and Research Careers in Neuroscience, “Residency Training and Beyond: Transitions and Career Vulnerability,” Washington DC, June 22-23, 2012
249. Faculty, Mayo Clinic Symposium on Concussion in Sport. The evaluation and management of the concussed athlete in the field. September 28-29<sup>th</sup>, 2012
250. Visiting Professor of Neurology, Great Flicks in Neuro-ophthalmology, Johns Hopkins University October 4<sup>th</sup>, 2012.
251. Faculty, American Academy of Ophthalmology, Advanced course in neuro-ophthalmology, Chicago, November 11<sup>th</sup>, 2012
252. Visiting Professor of Neurology, Neuro-ophthalmology Jeopardy. Weill Cornell Medical School, November 26<sup>th</sup>, 2012
253. The Gwinn Lecture, The Concussion Conundrum. The Haverford School. December 9<sup>th</sup>, 2012
254. Visiting Professor of Ophthalmology, Neuro-ophthalmology jeopardy and The Neuro-ophthalmology of MS, UMDNJ, January 14<sup>th</sup>, 2013
255. The Frank Walsh Society Meeting, Expert Panelist and Presenter of “Behind the Curtain”, February 10<sup>th</sup>, 2013.
256. Faculty, American Academy of Neurology, March 2013, Neuro-ophthalmology course. Optic Neuritis and Anisocoria
257. Faculty, Cleveland Clinic MS update, Optic Neuritis: Past, Present and Future, Cleveland, June 21<sup>st</sup>, 2013.
258. Guest Lecture, Concussion Conundrum. Philadelphia Neurological Society. Sept 11<sup>th</sup>, 2013
259. Faculty, World Congress of Neurology, OCT and the Neurologist, Sept 24<sup>th</sup>, 2013
260. Visiting Professor of Neurology, Beth Israel Hospital, NY. October 11<sup>th</sup>, 2013 Beth Israel Video Festival
261. Visiting Professor of Neurology, Cornell Department of Ophthalmology, Concussion Conundrum: Is vision part of the concussion puzzle? October 17<sup>th</sup>, 2013.
262. Visiting Professor of Neuro-ophthalmology. October 23<sup>rd</sup>, 2013. North Shore Video Festival. North Shore Hospital
263. Speaker, The afferent visual pathway in MS: Clinical Considerations and Differential Diagnosis, November 22<sup>nd</sup>, 2013, Dublin Ireland.
264. Panel Moderator, Cleveland Clinic Course on no evidence of active disease in MS. Las Vegas December 12<sup>th</sup>-14<sup>th</sup>, 2013
265. Guest Faculty. UCSF course on Recent Advances in Neurology, February 12<sup>th</sup>-14<sup>th</sup>, 2014.  
Topics: Optic Neuritis: Current Diagnosis and Management and Sports Related Concussion
266. Faculty, North American Neuro-ophthalmology Society Meeting, Puerto Rico, March 1<sup>st</sup>-6<sup>th</sup>. 2014. Diagnostic Testing for Sports Related Concussion.

267. Faculty, American Academy of Neurology, Neuro-ophthalmology course- Optic Neuritis, Anisocoria. Nystagmus: An organized approach, Philadelphia Pa, April 30<sup>th</sup>, 2014
268. Faculty, American Optometry Association, Neuro-ophthalmology of concussion, June, 25<sup>th</sup>, 2014.
269. Visiting Professor of Neurology, Yale Neurology, Great Cases in Neuro-ophthalmology, September 3<sup>rd</sup>, 2014.
270. Faculty: ECTRIMS- Differential Diagnosis Course- Ophthalmic Red Flags-September 10<sup>th</sup>, 2014. Boston, Ma
271. Visiting Professor of Neurology, North Shore University Hospital, Concussion Conundrum. October 3<sup>rd</sup>, 2014.
272. Guest Faculty, Neuro-ophthalmology Fall Festival. Harvard Medical School. Mass Eye and Eye. Boston MA. November 8<sup>th</sup> and 9<sup>th</sup>, 2014.
273. Visiting Professor of Neuro-ophthalmology Neuro-ophthalmology Jeopardy. Washington University, St Louis, November 20<sup>th</sup>, 2014
274. Guest Speaker, St Louis Ophthalmological Society. Concussion Conundrum. Is Vision Part of the Puzzle. November 20<sup>th</sup>, 2014.
275. Visiting Professor of Neurology, Mt Sinai Ichan School of Medicine. Concussion Conundrum. Is Vision Part of the Puzzle December 3<sup>rd</sup>, 2014.
276. Course Director and Speaker, NYU Neurology CME course. Neuro-ophthalmological emergencies. December 18<sup>th</sup>-19<sup>th</sup>, 2014.
277. CME Course, NYU. Emerging Issues in Concussion. February 27<sup>th</sup>, 2015.
278. Visiting Professor of Neurology, Great Cases in Neuro-Ophthalmology, March 6<sup>th</sup>, 2015. Columbia University
279. Is Vision Part of the Concussion Puzzle. Grand Rounds Albert Einstein Medical Center, New York March 26<sup>th</sup>, 2015.
280. Faculty, American Academy of Neurology- April 21<sup>st</sup> to April 28<sup>th</sup>, 2015. Sideline Testing for Concussion, Anisocoria, and Optic Neuritis. Washington DC
281. Visiting Professor of Neurology. CPC. NMO. Cornell University Medical College. April 29<sup>th</sup>, 2015.
282. Faculty, Sports Neuropsychology Society Annual Meeting. Vision and Concussion: Pathophysiological Consideration. May 1<sup>st</sup>, 2015. Atlanta, Georgia
283. Faculty, American Neurologic Association-NIH Career Development Panel Discussion. Sept 25<sup>th</sup>, 2015, Chicago, Illinois.
284. Faculty, CME Neurology Course. Why is vision so important to sports concussion. Dec 18<sup>th</sup>, 2015.
286. Visiting Professor of Neurology. Concussion Toolbox- Vision and Concussion. January 6<sup>th</sup>, 2016 Duke University.
287. Faculty. American Academy of Neurology. Vision- Anatomic and Physiological Considerations in Concussion. January 16, 2016. Orlando Florida
288. Visiting Professor of Neurology. Why is vision so important to sports concussion. University of South Florida. January 21<sup>st</sup>, 2016.
289. Visiting Professor of Neurology. Why is vision so important to sports concussion. Brigham Woman's Hospital. Harvard Medical School. February 17<sup>th</sup>, 2016
290. Faculty, NYU Concussion Course, Taking Science Forward, February 26<sup>th</sup>, 2016
291. Faculty, North American Neuro-ophthalmology Society, Emerging Concepts in Concussion, March 3<sup>rd</sup>, 2016.
292. Visiting Professor of Neurology, Great Cases in Neuro-ophthalmology, Albert Einstein Medical Center, March 22<sup>nd</sup>, 2016, NY.
293. Faculty, American Academy of Neurology- Vancouver, Canada- April 18<sup>th</sup>-22<sup>nd</sup>, 2016

Nystagmus, Optic Neuritis, Sports Concussion and Vision, Brainstem Disorders, Anisocoria and Head Talk- Brainstem Anatomy The Fun Way.

294. Visiting Professor of Neurology. Univ of Texas, Southwestern. May 4, 2016. Great Flicks Neuro-ophthalmology.
295. Visiting Professor of Ophthalmology. Great Flicks in Neuro-ophthalmology. Yale University, May 20<sup>th</sup>, 2016.
296. Visiting Professor of Ophthalmology and Keynote Speaker at Eighth Annual Research Symposium. Sports Related Concussion and Vision June 14<sup>th</sup>, 2016. Bronx Lebanon Hospital, Bronx NY.
297. Guest of Honor, New England Ophthalmology Society, September 30<sup>th</sup>, 2016, Cortical Visual Disorders and The Importance of Vision in Sports Related Concussion,
298. Arthur Wolintz Memorial Lecture. Neuro-ophthalmological emergencies. The importance Vision in Sports Related Concussion. Downstate Medical Center. October 6<sup>th</sup>, 2016 Boston, MA.
299. Committee Member, International Committee for the Diagnosis of MS. The role of OCT in the Diagnosis of MS. November 3<sup>rd</sup> and 4<sup>th</sup>, 2016, Philadelphia Pa.
300. Jonathan Wirthshafter Visting Professor of Ophthalmology. University of Minnesota, Neuro-ophthalmology jeopardy, Neuro-ophthalmology emergencies, Optic Neuritis: Current Diagnosis and Management, Why is vision important to Sports Concussion, November 11<sup>th</sup> and 12<sup>th</sup>, 2016
301. Connecticut Ophthalmology Society- Neuro-ophthalmology Emergencies, Vision and Sports Related Concussion, Optic Neuritis: Diagnosis and Management, January 13<sup>th</sup>, 2017.

#### **Boards and Community Organizations**

2002-Sprint Football Board, University of Pennsylvania  
2006-2012-Faculty Advisor, Penn Sprint Football

#### **Military Service**

None

#### **Other**

N/A

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## **Review Articles, Book Chapters and Other publications**

### Reviews and Chapters:

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