

**MARJORIE A. MURPHY, M.D.**

Coro Center, Suite 202  
 One Hoppin Street  
 Providence, RI 02903  
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**EDUCATION:**

Undergraduate:

**Brown University  
1981-85**

Providence, RI  
 Sc.B., Magna Cum Laude and with Honors in  
 Applied Mathematics / Biology 1985

**Sigma Xi (1985)**

**A With Distinction** in 55% of undergraduate courses  
 (1981-85) GPA 4.1 (4.3 = A+)

Medical school:

**Brown University School of Medicine  
1984-88**

Seven-year Medical Education Program  
 Providence, RI  
 M.D. 1988

**Citation For Academic Excellence**

Brown University School of Medicine (1988)

**Brown University Foreign Fellowship Awards**

1) Pediatric clerkship at the Karolinska Institute,  
 Stockholm, Sweden (August - October, 1986)

2) Summer research fellowship at the Coagulation and  
 Fibrinolysis Laboratory at the Kantonsspital,  
 Basel, Switzerland (June - July, 1985)

**POSTGRADUATE TRAINING:**

Internship:

**Mount Auburn Hospital / Harvard Medical School  
1988-89**

*Internship in Internal Medicine*  
 Cambridge, MA

Residency:

**Wills Eye Hospital  
1989-92**

*Residency in Ophthalmology*  
 Philadelphia, PA

Fellowship:

**Barnes Hospital / Washington University School of Medicine  
1994-95**

*Fellowship in Neuro-Ophthalmology*  
 St. Louis, MO

**BOARD CERTIFICATION:**

American Board of Ophthalmology

**1994, 2004**

<b><u>LICENSURE:</u></b>	Rhode Island	<b>1997-present</b>
<b><u>ACADEMIC APPOINTMENTS:</u></b>	<b>Clinical Associate Professor</b> , Department of Ophthalmology, Brown Medical School	<b>2004-present</b>
	<b>Clinical Assistant Professor</b> , Department of Ophthalmology, Brown Medical School	<b>1998-2004</b>
	<b>Clinical Instructor</b> , Department of Ophthalmology, Brown Medical School	<b>1997-1998</b>
	<b>Clinical Instructor</b> , Department of Ophthalmology and Visual Sciences, Washington University School of Medicine	<b>1994-95</b>
	<b>Clinical Instructor</b> , Wills Eye Hospital, Cataract and Primary Eye Care Service	<b>1992-93</b>
	<b>Clinical Fellow in Medicine</b> , Harvard Medical School	<b>1988-89</b>
<b><u>HOSPITAL APPOINTMENTS:</u></b>	<b>Rhode Island Hospital</b> , Providence, RI Director of Neuro-Ophthalmology, Active staff	<b>1997-present</b>
	<b>St. John's Mercy Medical Center</b> , St. Louis, MO Associate active staff	<b>1995-97</b>
	<b>Barnes Hospital</b> , St. Louis, MO Active staff	<b>1994-95</b>
	<b>Wills Eye Hospital</b> , Philadelphia, PA Active staff	<b>1992-93</b>
<b><u>UNIVERSITY COMMITTEES:</u></b>	<b>Postgraduate Referral Committee</b> , Brown Medical School <i>Served as the faculty advisor for all Brown medical students applying for residencies in ophthalmology and wrote their Dean's letters.</i>	<b>1999-2004</b>
<b><u>PROFESSIONAL SOCIETIES:</u></b>	American Academy of Ophthalmology	<b>1989-present</b>
	North American Neuro-Ophthalmology Society (Fellow, 2004)	<b>1995-present</b>
	Women in Neuro-Ophthalmology	<b>1995-present</b>
	Cogan Neuro-Ophthalmology Society	<b>2003-present</b>
	New England Ophthalmological Society	<b>2007-present</b>
	Wills Eye Hospital Society	<b>1992-present</b>
<b><u>ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS:</u></b>	1. <b>Murphy MA</b> , Thirkill CE, Hart WM. Paraneoplastic retinopathy: A novel autoantibody reaction associated with small cell lung carcinoma. <i>J Neuro-Ophthalmol.</i> 1997; 17: 77-83.	
	2. <b>Murphy MA</b> , Hart WM, Olk RJ. Bilateral diffuse uveal melanocytic proliferation simulating an arteriovenous fistula. <i>J Neuro-Ophthalmol.</i> 1997; 17: 166-169.	

3. **Murphy MA**, Grosos DH, Hart WM. Congenital optic tract syndrome: MRI and SLO findings. *J Neuro-Ophthalmol* .1997; 17: 226-230.
4. To K, **Murphy MA**. Pneumocystis carinii choroiditis. *Med Health RI* 2002; 85: 134.
5. Pacio CI, **Murphy MA**. BB embolus causing monocular blindness in a 9-year-old boy. *Am J Ophthalmol*. 2002; 134: 776-778.
6. Hou LC, **Murphy MA**, Tung GA. Primary orbital leiomyosarcoma: a case report with MRI findings. *Am J Ophthalmol* 2003; 135: 408-410.
7. Ciolino JB, **Murphy MA**. Complete optic nerve avulsion associated with a basketball injury. *Med Health RI* 2003; 86: 324-325.
8. Perlman EM, **Murphy MA**. Age-related iris stromal atrophy. *Arch Ophthalmol* 2003; 121: 1654-1655.
9. **Murphy MA**. Bilateral posterior ischemic optic neuropathy after lumbar spine surgery. *Ophthalmology* 2003; 110: 1454-57.
10. Hou LC, **Murphy MA**. Traumatic optic neuropathy caused by a merchandise display hook. *J Pediatr Ophthalmol Strabismus* 2004; 41: 249-250.
11. **Murphy MA**. PION after lumbar spine surgery: reply. *Ophthalmology*. 2004;111: 611-612.
12. **Murphy MA**, Meyerle CM. Bilateral orbital hematomas with an orbital encephalocele mimicking a cavernous sinus thrombosis *Med Health RI*. 2005; 88: 194-195.
13. **Murphy MA**, Friedman JH, Tetrud JW, Factor SA. Neurodegenerative disorders mimicking progressive supranuclear palsy: a report of three cases. *J Clin Neuroscience*. 2005; 12: 942-946.
14. **Murphy MA**, Ayazifar M. Permanent visual deficits secondary to the HELLP syndrome. *J Neuro-Ophthalmol*. 2005; 25:122-127.
15. **Murphy MA**, Perlman EM, Rogg, JM, Easton JD, Schuman JS. Reversible carotid artery narrowing in morning glory disc anomaly. *J Neuro-Ophthalmol*. 2005; 25:198-201.
16. **Murphy MA**, Murphy JM. Amiodarone and optic neuropathy: the heart of the matter. *J Neuro-Ophthalmol*. 2005; 25: 232-236.
17. **Murphy MA**, Hou LC. Recurrent isolated Horner syndrome. *J Neuro-Ophthalmol*. 2006; 26; 296.
18. Ritsema M, **Murphy MA**. Palinopsia from posterior visual pathways lesions without visual field defects. *J Neuro-Ophthalmol* 2007; 27: 115-117.
19. **Murphy MA**, Szabados EM, Mitty JA. Lyme disease associated with postganglionic Horner syndrome and Raeder paratrigeminal neuralgia. *J Neuro-Ophthalmol*. 2007; 27: 115-7.
20. **Murphy MA**. Clinical update on optic neuritis and multiple sclerosis. *Med Health RI* 2008; 91: 51-54.

**BOOK CHAPTERS:**

Swartz NC, **Murphy MA**, Cohen MS. Lower Eyelid Retraction and Cicatricial Ectropion. In: Bosniak S, ed. *Principles and Practices of Ophthalmic Plastic and Reconstructive Surgery*. Philadelphia: W.B. Saunders Co., 1996: 438- 446.

**Buff MA** (maiden name), Edelstein-Keshet L. Applications to Morphogenesis In: Edelstein-Keshet L. *Mathematical Models in Biology*. New York: Random House, 1988: 528-535.

**ABSTRACTS:**

1. Grosf DH, **Murphy MA**, Hart WM, Lakshminarayanan V. Scanning laser ophthalmoscope imaging of the papillomacular bundle of the nerve fiber layer. *Suppl Invest Ophthalmol Vis Sci* 36: S675, 1995.

2. **Murphy MA**, Grosf DH, Hart WM. Scanning laser ophthalmoscope imaging of the papillomacular bundle correlated with static perimetry in neuro-ophthalmic disease. Presentation at the XII International Visual Field Symposium of the International Perimetric Society, Wurzburg, Germany, June 4-8, 1996.

3. Meyerle CM, **Murphy MA**. Orbital encephalocele masquerading as a cavernous sinus thrombosis.. *Invest Ophthalmol Vis Sci* 2004; 45: E-Abstract 267.

4. Ritsema M, **Murphy MA**. Palinopsia with visual pathways lesions in the absence of visual field defects. Poster presentation, North American Neuro-Ophthalmology Society Meeting, Feb. 26 – March 2, 2006, Tucson, AZ.

5. MacIntyre R, **Murphy MA**. Metastatic cancer heralded by ophthalmologic findings. Accepted for poster presentation, North American Neuro-Ophthalmology Society Meeting, March 3-13, 2008, Orlando, FL.

**REVIEWER:**

Journal of Neuro-Ophthalmology

Journal of Clinical and Experimental Ophthalmology

**INVITED PRESENTATIONS:**

New England Ophthalmological Society: Neuro- Ophthalmology Boston, MA, March 9, 2007. Optic neuropathy and amiodarone: the heart of the matter.

New England Ophthalmological Society: Neuro- Ophthalmology Symposium, Boston, MA, March 1, 2002. Case presentations.

Neurology Grand Rounds, Rhode Island Hospital:

March 26, 2003: Postoperative posterior ischemic optic neuropathy

March 28, 2001: CHAMPS trial update

April 12, 2000: Anterior chiasmal syndrome

July 21, 1999: Opsoclonus

February 3, 1999: Invasive CNS Aspergillosis

September 16, 1998: Paraneoplastic retinopathy

Invasive Aspergillosis. Morbidity and Mortality Conference, St. John's Mercy Medical Center, St. Louis, MO, June 5, 1996.

Neuro-ophthalmology Case Presentations, Rhode Island Hospital, May 20, 1996.

Paraneoplastic retinopathy. Department of Ophthalmology, St. John's Mercy Medical Center, February 20, 1996.

Lecturer and examiner in Neuro-ophthalmology, Osler Institute Ophthalmology Board Review Course, St. Louis, MO, October 13, 1995.

Paraneoplastic retinopathy. Neurosciences Conference, St. John's Mercy Medical Center, St. Louis, MO, October 11, 1995.

**HOSPITAL TEACHING POSITIONS:**

Present monthly neuro-ophthalmology teaching conferences at Rhode Island Hospital, Providence, RI, October, 1997 - present.

Preceptor for ophthalmology, neurology, pediatric neurology, and neurosurgery resident rotations and medical student electives in neuro-ophthalmology, Rhode Island Hospital, Providence, RI, 1998-present.

Staff monthly neuro-ophthalmology clinic at Rhode Island Hospital, 2001-present.

Faculty mentor, ophthalmology resident Molly Ritsema, MD, 2005-2007.

Preceptor for resident neuro-ophthalmology elective, St. John's Mercy Medical Center, St. Louis, MO June, 1996.

Presented monthly neuro-ophthalmology teaching conferences for the ophthalmology residents at Barnes Hospital, Washington University School of Medicine, 1994-1995

Attending physician supervising ophthalmology residents in the Cataract and Primary Eye Care Service, Wills Eye Hospital, 1992-1993.

**RESEARCH:**

**R01 Grant - 2R01 #AG016335-06A1**

(5/15/07-4/40/11)

NIH/NIA

Role: co-investigator; Brian Ott, M.D.- principal investigator

Naturalistic assessment of driving ability in cognitively impaired elders.

*Study to define the basis of driving impairment in Alzheimer's disease and develop computerized test predictors of impaired road test performance and driving ability in the naturalistic home environment.*

Directional costs: \$1,119,416/\$1,506,839

**Neuroprotection in Ischemic Optic Neuropathy (NPION)**

(2000-2001)

1 of 54 principal investigators

*Multicenter, double-masked, randomized, parallel, vehicle-controlled study of the efficacy and safety of 0.2% Brimonidine-Purate ophthalmic solution for the treatment of acute non-arteritic anterior ischemic optic neuropathy (NAION)*

**Department of Ophthalmology and Visual Sciences**

**Washington University School of Medicine**

(1994 – 1995)

W. M. Hart, Jr., M.D., Ph.D., D.H. Groszof, Ph.D.

*Imaging the nerve fiber layer of the papillomacular bundle in healthy subjects and patients with optic neuropathies using the scanning laser ophthalmoscope and correlating nerve fiber layer defects with abnormalities on formal visual field testing*

**Coagulation and Fibrinolysis Laboratory at the Kantonsspital, Basel, Switzerland**

(summer, 1985)

G. A. Marbet, M.D., Ph.D., F. Duckert, Ph.D.  
*Studied histidine-rich glycoprotein, a putative antifibrinolytic plasma protein, using the technique of rocket immunoelectrophoresis to measure plasma HRG levels in patients with a variety of hemostatic disorders*

**Applied Mathematics Department, Brown University**

(spring, 1984)

L. Edelstein-Keshet, Ph.D.  
*analyzed mathematical models of reaction diffusion systems and demonstrated their application to the development of mammalian coat markings and plant leaf patterns*

**Brain Research Laboratory, University of Rochester**

(summer, 1983)

L. Abood, Ph.D.  
*studied the location and response of nicotine receptors in the brain and performed rat surgeries involving the cannulation of specific brain nuclei*