

Raymond G Magauran, MD

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Education:

UMass Isenberg School of Management, Amherst, Massachusetts / MBA	09/13 – 05/15
American Board of Preventive Medicine, Board Eligible, Clinical Informatics	10/13 –
Certified Physician Executive, Certifying Commission in Medical Management	05/11 – 01/14
Kresge Eye Institute, Wayne State University, Detroit, Michigan	07/96 – 07/97
Oculoplastics, Orbit and Neuro-ophthalmic Surgery Fellowship	
University of Florida, Gainesville, Florida, Ophthalmology residency	07/92 – 06/94
State University of New York, Buffalo, New York, Ophthalmology PGY-2	07/91 – 06/92
Hartford Hospital, Hartford, Connecticut, Transitional Internship	07/89 – 06/90
University of Connecticut Medical School, Farmington, Connecticut / MD	09/85 – 06/89
University College Dublin, Dublin, Ireland	09/82 – 06/85

Professional Medical Experience:

Assistant Professor, UMass Medical School, Worcester, MA	07/09 –
Private Practice / Oculoplastics & Neuro-ophthalmology, eastern MA	06/99 – 07/09
Private Practice / Oculoplastics & Neuro-ophthalmology, Ann Arbor, Michigan.	08/97 – 05/99
Clinical Instructor / SUNY at Buffalo, Buffalo, NY	07/94 – 06/96
Private Practice / General Ophthalmology, Cheektowaga, NY	07/94 – 06/96
Private Practice / General Practice, East Longmeadow, MA	08/90 – 06/91

Affiliations:

Massachusetts Society of Eye Physicians & Surgeons
New England Ophthalmological Society
New England Oculoplastics Society
American Academy of Ophthalmology
American Association of Physician Leaders
North American Neuro-ophthalmology Society

Current Hospital Affiliations:

UMass Memorial Health Care, Worcester, Massachusetts

Licensure and Certification:

Certified Physician Executive, Certifying Commission in Medical Management, 2014
Board eligible, American Board of Preventive Medicine, subspecialty in Clinical Informatics.
Diplomate, American Board of Ophthalmology, 1996, recertified 2006.
Diplomate, National Board of Medical Examiners, 1990.
Currently licensed in Massachusetts, previously licensed in Michigan and New York.

Appointments, Committees:

ICD-10 Physician Leader, Dept of Ophthalmology, UMass Medical Group	2014 –
Access & Information Leader, Dept of Ophthalmology, UMass Medical School	2012 –
EHR Steering Committee, Dept of Ophthalmology, UMass Medical School	2009 – 12
Assistant Professor, UMass Medical School, Worcester, MA	2009 –
Member, Working Group 9, DICOM/IHE Eyecare Standards Development	2007 – 10
Regional Representative, Barnstable Co., Mass Society of Eye Physicians & Surgeons	2005 – 09
Legislative Affairs Committee, Mass Society of Eye Physicians & Surgeons	2003 – 04
Member, Public Health/Education Comm, New England Ophthalmological Society	2002 – 03
Chair, Information Committee, Michigan Ophthalmologic Society	1998 – 09
Member, Research Committee, St. Joseph's Mercy Hospital, Ann Arbor, Michigan	1998 – 09
Member, American Academy Ophthalmology New Education Technology Committee	1996 – 00
Editorial Board, Ocular Surgery News, Information Technology	1996 – 05
Editorial Board, EyeWorld, Information Technology	1996 – 05
Clinical Instructor, SUNY Buffalo Ophthalmology Department	1994 – 06

Honors and Distinctions:

Honors in Physics, Biochemistry: University College Dublin	1983
Physics Gold Medal: University College Dublin	
Honors in Anatomy and Physiology: University College Dublin	1984
Ambrose Birmingham Anatomy Nominee: University College Dublin	
American Medical Student Association, National Delegate	1988
University of Connecticut Scholars in Surgery	1989
Fellow of the American Academy of Ophthalmology	1996
American Academy of Ophthalmology Honor Award	2002

Research and Clinical Trials:

1. Obstacle Avoidance in Patients with Homonymous Hemianopia using Chimeric Stimulation via a Heads-up Display, Principal Investigator, UMass Medical School, IRB #H00001049, 2013-15.
2. A 12-month, Randomized, Rater and Dose-Blinded Study to Compare the Efficacy and Safety of Fingolimod 0.25 mg and 0.5 mg administered Orally Once Daily with Glatiramer Acetate 20 mg Administered Subcutaneously Once Daily in Patients with Relapsing-Remitting Multiple Sclerosis, SubInvestigator, Novartis CFTY720D2312.

3. “The Four Point Eye Exam: Trauma Evaluation for the non-ophthalmologist”. UMass Medical School, Worcester, MA.
4. A 48-week, double-blind, randomized, multi-center, parallel-group study comparing structural changes in the retina and evolution of visual function after immediate versus delayed treatment with fingolimod in patients with acute demyelinating optic neuritis, SubInvestigator, Novartis CFTY720D2402.
5. Case-Crossover Study of PDE5 Inhibitor Exposure as a Potential “Trigger Factor” for Acute NAION, Principle Investigator, Pfizer, NCT00759174, 2008-2011.
6. T-Cell Heterogeneity and Auto-antibody Production in Multiple Sclerosis, UConn Health Center, Robert Clark, MD 1989.

Abstracts and Posters:

1. Sorkin, J.A., Magauran, R.G. and Small, K.W.: Dominant Optic Atrophy and Peripheral Muscle Wasting: A Pedigree. *Supp to Invest Ophthalmol Vis Sci*, 1994.
2. Magauran, R.G., Zhu, Y., Hamed, L., Freeland, L. and Dawson, W.: Binocular Beats of Dichoptic Stimulation VEP in Normal Humans. *Supp to Invest Ophthalmol Vis Sci*, 1994.
3. Magauran, R.G. and Brant, J.: Internet Ophthalmology: The Future of Learning. *AAO Annual Meeting*, Atlanta, Georgia, November, 1995.
4. Magauran, R.G., Brant, J. and Ing, E.: Internet Ophthalmology: A Look into the Future. *AAO Annual Meeting*, Chicago, Illinois, November, 1996.

Book Chapters:

Magauran, R.G.: Personal and Professional Uses of the Internet, *Ophthalmology Clinics of North America*, 13: 2, June 2000.

Peer Reviewed Publications:

1. Magauran, R.G., Small, K.W. and Gray, B.: Chromosome 9 Abnormality in Choroidal Melanoma. *Am J Ophthalmol*, 117: 109-11, 1994.
2. Smith, M.F., Magauran, R., and Doyle, J.W. : Injection of Autologous Blood for Persistent Bleb Leak. *Ophthalm Surg*, 25(9):636-7,1994 Sep-Oct.

3. Smith, M.F., Magauran, R., Betchkal, J., and Doyle, J.W.: Treatment of Postfiltration Bleb Leaks with Autologous Blood. *Ophthalmology* 1995;102:868-871

Non Peer-Reviewed Publications:

1. Magauran, McDonald, Singer: Computers in Ophthalmic Practice: Implications for Patient Care. *EyeWorld*, 1(12), Dec. 1997
2. McDonald, Bond, Cockerman, De La Pena, Granet, Magauran: EW Dialogue: A Technology Wish List. *EyeWorld*, 2(12), Dec. 1997
3. Magauran: Cyberspace for Ophthalmologists: An Internet Wish List. *EyeWorld*, 2(12), Dec. 1997
4. Magauran: Outcomes Research, a Low Tech Approach. *Ophthalmology Times*, Nov. 1997
5. Magauran: The Online Clinician. *EyeWorld*, 3(10), Nov. 1997
6. Magauran: Eyes on the Net. *Ophthalmology World News*, 1(18):14-5, Aug. 1995

Information Management:

ICD-10 Physician Leader, Dept of Ophthalmology, UMMHC	2014 –
Lead IT, Department of Ophthalmology UMMHC	2010 –
Deployment of OpenEMR, Oculoplastics, LLC.	2010 – 12
Member, Visual Field, WG-9, DICOM/IHE Eyecare; creating ISO standards.	2007 – 10
Supersight.org founder: cooperative e-publishing venture (leading 4 eye journals).	1997 – 09
ODOSOU founder. Contact lens commodity exchange corporation.	1998 – 00
MedFetch, LLC founder, Cloud-based online reference manager.	1997 –

Lectures, Speeches or Posters presented at professional conferences/meetings

A. International & National Meetings/Poster Presentations

1) Invited Lectures

Presentations:

1. Magauran, R.G., Sherwood, M. and McGorray, S.: *Stereo Photographic Analysis of the Optic Nerve Head by the Topcon IMAGEnet System*. University of Florida, Gainesville, Florida, June, 1993.

2. Smith, M.F., Magauran, R., Doyle, J.W. and Betchkal, J.: *Treatment of Postfiltration Bleb Leaks with Peribleb Autologous Blood, a Series.* AAO Annual Meeting, San Francisco, November, 1994.
3. Invited speaker, *Primary Care and The Red Eye.* SUNY at Buffalo, Department of Gynecology and Obstetrics, July 1995.
4. Invited speaker, *Young Professionals of Western New York.* WWKB Radio, Buffalo, New York, September, 1995.
5. Invited speaker, *The Internet and The World Wide Web.* AAO Annual Meeting, Atlanta, Georgia, November, 1995.
6. Kerrigan, K.A. and Magauran, R. G. : *Birth Weight of Term Infants in Western New York.* SUNY Buffalo Research Day, June 1996. Buffalo, New York.
7. Nesi, F., Magauran, R.G. and Brazzo, B.: *Orbital Dissection Course.* Kresge Eye Institute, Wayne State University, Detroit, Michigan, July, 1996.
8. Invited Speaker, *Ophthalmology Information Technology.* AAO Annual Meeting, Chicago, Illinois, October, 1996.
9. Faculty Instructor, *AAO Computer College.* Fort Worth, Texas, December 5-7, 1996.
10. Invited speaker, *Ophthalmology Primer* Wayne State University, Division of General Internal Medicine, Ambulatory Grand Rounds, Detroit, Michigan, May 6, 1997.
11. Invited Speaker, *Education through Communication.* AAO Annual Meeting, San Francisco, California, November, 1997.
12. Spoor, T.C., Ramocki, J., McHenry, J.G., Magauran, R.G. and Henry, J.C.: *Subtenon's Block Anesthesia to Decrease Frequency of Postoperative Nausea and Vomiting for Optic Nerve Sheath Decompression Surgery.* NANOS Annual Meeting, Orlando, Florida, March, 1998.
13. Invited speaker, *Pediatric Oculoplastics.* Department of Pediatrics, St. Joseph's Hospital, Ann Arbor, Michigan, July, 1998.
14. Magauran, R.G., Reidy, J.R., Spoor, T.C. and Brant, J.R.: *Blepharospasm and the Facial Nerve. Digital Medical Education RealAudio CME course.* Ann Arbor, Michigan, July 17, 1998.
15. Invited Speaker, *Information Technology and the Ophthalmologist.* Magauran, R.G., Brandt, J., AAO Annual Meeting, New Orleans, Louisiana, October, 1998.

16. Invited Speaker, IT, *Ophthalmology and the Internet: E-Commerce?* Magauran, R.G., Martinez-Costa, R., AAO Annual Meeting, San Francisco, California, October, 1999.
17. Invited Speaker, *HIPPA: E-mail, Healthcare, Security and the Law*. AAO Annual Meeting, Orlando, Florida, November, 2000.
18. Invited Speaker, *Evaluation of the Tearing Patient*. Salem Hospital Department of Ophthalmology, Salem, Massachusetts, September, 2001.
19. Invited Speaker, *Optic Disc Pallor and Atrophy*. MSO, Hyannis, Massachusetts, October, 2002.
20. Invited Speaker, *Trauma and the Eye*. MSEPS Tech Day, Waltham, Massachusetts, March, 2003.
21. Magauran, R, *Neuronal Protection of the Retinal Ganglion Cell*. NANOS Annual Meeting, Tuscon, Arizona, March 2010.
22. Magauran, R, Kaushal, S, Reddy, S, *Heat Shock Response in the Retinal Ganglion Cell*. ARVO Annual Meeting, Fort Lauderdale, Florida, May, 2010.
23. Visiting Professor, Trinity College Dublin Medical School, *Tuberculosis, OCT and the Eye*, St. James Hospital, Dublin Ireland, October, 2012.

B. Teaching Responsibilities

UMass Medical School

1. MSI: Ophthalmology Lectures, LINC Brain Series: Ophthalmic Causes of Visual Loss
2. MSII: Introduction to Ophthalmology
3. Department of Neurology Lectures Series: Neuro-ophthalmology
4. Internal Medicine: resident clinical rotators
5. Medical Students mentored: Tedi Begaji, MS-1, Lily Chen, MS-3
6. Capstone Advisor: Tedi Begaji, MS-3/4
7. Quinsigamond House Specialty Advisor, medical students