

BRIEF CURRICULUM VITAE

Robert K. Maloney, M.D., M.A. (Oxon)

Education:

Undergraduate:	Harvard College A.B., Summa cum laude in Mathematics Proved an original theorem in group representation theory	1976 to 1979
Graduate Studies:	Magdalen College, Oxford University BA in Philosophy, Politics, and Economics Rhodes Scholar	1979 to 1981
Medical School:	University of California, San Francisco Doctor of Medicine	1981 to 1985

Postgraduate Training

Internship	David Geffen School of Medicine at UCLA Department of Medicine	1985 to 1986
Residency	The Johns Hopkins Hospital Wilmer Ophthalmological Institute	1986 to 1989
Heed Fellow	Emory University Department of Ophthalmology Cornea and Refractive Surgery	1989 to 1991

Positions Held

David Geffen School of Medicine at UCLA		
Assistant Professor of Ophthalmology		1991 – 1996
Associate Professor of Ophthalmology		1996 – 1998
Associate Clinical Professor of Ophthalmology		1998 – 2004
Clinical Professor of Ophthalmology		2005 – Present
Maloney Vision Institute, President		1998 – 2017
Maloney-Shamie Vision Institute, Managing Partner		2017 – 2023
RxSight, Inc. Aliso Viejo CA		
Chief Medical Officer		1999-2016 (part-time)
Interim Chief Executive Officer		2007-2008 (part-time)
RxSight makes a lens implant for cataract surgery that can be adjusted after it is in the eye by shining a patterned UV light on the lens, resulting in improved vision without the need for glasses. I was a cofounder, Chief Medical Officer, a patent holder, interim CEO and a board member. The company went public in 2020 (Nasdaq: RXST).		

Selected Not-for-Profit Boards of Directors

Harvard-Westlake School Board of Trustees		2015-present
Co-chair of the Planning Committee. Led the board's effort in 2019 (prior to BLM) to develop a set of institutional commitments to diversity, equity and inclusion.		
Van Nuys Charities Board of Directors		2010-present

A \$30M endowment that gives more than \$1M a year to other non-profits that support victims of domestic violence and develop programs to break the intergenerational cycle of DV.

Doheny Eye Institute Board of Directors 2015-present

Executive Committee, 2017-present.

DEI is one of nation's premier eye research institutes, with approximately \$200M in assets.

PIH Health System Board of Directors 2021-2023

Quality Committee 2022-present

Governance Committee 2021-present

PIH Health is health system in Los Angeles County with annual revenues of \$2B.

Good Samaritan Hospital Board of Directors 2001-2019

Executive Committee 2004-2019

Good Samaritan Hospital was community hospital in downtown LA that served a population severely impacted by healthcare disparities. I served on the three-person ad hoc committee of the board that negotiated a sale of the hospital to PIH Health System in 2019.

Professional Service

Journal of Refractive Surgery Editorial Board 1991-2011

Associate Editor for North America 1991-1995

American-European Congress of Ophthalmic Surgeons, 2011-present

American President 2021-present

Incoming Chairman of the Board 2023-2025

Board of Directors, 2019-present

AECOS is an invitation-only professional society for distinguished cataract and refractive surgeons and industry innovators worldwide.

Volunteer Eye Surgeon, Majuro General Hospital, Marshall Islands 1991

A colleague and I went to the Marshall Islands to do cataract surgery. The demand was overwhelming, so instead we trained a local ear, nose and throat specialist in the procedure. Three years later, he had eliminated cataract blindness in the country.

Selected Honors and Awards

Visionary Award, American-European Congress of Ophthalmic Surgeons, for contributions to the field of cataract and refractive surgery, 2021.

Secretariat Award, American Academy of Ophthalmology, 2003, for outstanding and valuable contributions to the American Academy of Ophthalmology and to its scientific and educational programs.

Lans Distinguished Refractive Surgery Award, International Society of Refractive Surgery, 2001, given annually to one surgeon worldwide for innovative contributions to the field of refractive surgery.

Mericos Whittier Prize, Scripps Institute, 1997, awarded for outstanding achievements and contributions to the field of ophthalmology.

Named Lectureships

1. Mericos Whittier Lecture. Scripps Institute. La Jolla, CA, March 1997

2. Lans Distinguished Award lecture. An IOL whose power is laser-adjustable in-vivo. International Society of Refractive Surgery annual meeting, Orlando, FL, July 2001.
3. Harold A. Stein Lecture. Hollywood eyes: an Ophthalmic Look at Tinseltown. American Academy of Ophthalmology annual meeting, New Orleans, LA, October 2004.
4. The Thomas H. Pettit Lecture. A Light Adjustable Intraocular Lens. UCLA Stein Eye Institute Clinical and Research Seminar. Los Angeles, CA, June 2015.
5. Visionary Award Lecture. American-European Congress of Ophthalmic Surgeons. Goodbye, Dr Frankenstein. Deer Valley, UT, July 2021.

Selected Patents

1. Maloney RK, Stewart JL. Method and apparatus for measuring properties of the eye using a virtual image. US Patent 5,873,832, issued 2/23/99.
2. Maloney RK, Stewart JL, Truax BE. Method and apparatus for measuring properties of the eye using a virtual object. US Patent 6,059,773, issued 5/9/00.
3. Sandstedt CA, Jethmalani JM, Grubbs RH, Kornfeld JA, Schwartz DM, Maloney RK. Application of wavefront sensor to lenses capable of post-fabrication power modification. US Patent 6,749,632 B2, issued 6/15/04.
4. Kondis J, Maloney R, Goldshleger I, Haller M, Sandstedt CA. Light-adjustable lens illumination system with fovea protection. US Patent 11,484,200 B2, issued 11/1/22.

Selected Books

1. Maloney RK, Shamie N. Cataract Surgery - A Patient's Guide to Treatment, 2nd edition. Omaha, Nebraska, Addicus Books, 2020.
2. Maloney RK, Shamie N. See Better Now: LASIK, Lens Implants and Lens Exchange. Omaha NE. Addicus Books 2021.

Selected Peer-Reviewed Research Papers (of 66 in total)

1. Maloney RK, Chan WK, Steinert R, Hersh P, Summit Phototherapeutic Refractive Study Group. A multicenter trial of photorefractive keratectomy for residual myopia following previous ocular surgery. *Ophthalmology* 1995; 102(7):1042-52.
2. Maloney RK, Thompson V, Ghiselli G, Durrie D, Waring GO, O'Connell M, the Summit Phototherapeutic Keratectomy Study Group. A prospective multicenter trial of excimer laser phototherapeutic keratectomy for corneal visual loss. *Am J Ophthalmol* 1996; 122:149-60.
3. Manche EE, Maloney, RK. Keratomileusis in situ (automated lamellar keratoplasty) for high myopia. *J Cataract Refractive Surg* 1996; 22:1443-50.
4. Hagen KB, Kettering J, Aprecio R, Beltran F, Maloney RK. Lack of virus transmission by the excimer laser plume. *Am J Ophthalmol* 1997; 124:206-11.

5. Manche EE, Maloney RK, Smith R. Treatment of topographic islands following refractive surgery. *J Cataract Refractive Surg* 1998; 24:464-70.
6. Smith, RJ, Maloney RK. Diffuse Lamellar Keratitis. *Ophthalmology* 1998; 105(9):1721-1726.
7. Onclinx T, Smith RJ, Maloney RK. Induced astigmatism following photorefractive keratectomy. *J Cataract & Refractive Surg* 1999; 25(2): 183-187.
8. Lin RT, Maloney RK. Flap complications associated with lamellar refractive surgery. *Am J Ophthalmology* 1999; 127(2): 129-136.
9. Tham V, Maloney RK. Microkeratome Complications of Lasik. *Ophthalmology* 2000; 107:920-924.
10. Wang MY, Maloney RK. Epithelial ingrowth after LASIK. *Am J Ophthalmol* 2000; 129:746-751.
11. Hovanesian JA, Shah SS, Maloney RK. Symptoms of dry eye and recurrent erosion syndrome after refractive surgery. *J Cataract Refractive Surg* 2001; 27:577-584.
12. Maloney RK, Nguyen LH, John ME, Artisan Lens Study Group. The Artisan phakic intraocular lens for myopia: short-term results of a prospective multicenter study. *Ophthalmology* 2002; 109:1631-1641.
13. Hamilton DR, Manche EE, Rich LF, Maloney RK. Steroid induced glaucoma after laser in situ keratomileusis associated with interface fluid. *Ophthalmology* 2002; 109:659-665.
14. Hovanesian JA, Maloney RK. Treating astigmatism after a free lasik cap by rotating the cap. *J Cataract Refractive Surg* 2005; 31:1870-1876.
15. Sonmez B, Maloney RK. Central Toxic Keratopathy: Description of a syndrome in laser refractive surgery. *Am J Ophthalmology* 2007; 143(3):420-427.
16. Liu A, Maloney RK, Manche EE. Toxic Peripheral Keratopathy: A Syndrome in Laser Refractive Surgery. *J Cataract Refractive Surg* 2012; 38:1684-1689.
17. Maloney RK, Kraff C, Coleman SC. Wavefront-Guided Myopic LASIK with a High-Resolution Hartmann-Shack Aberrometer and a New Nomogram. *J Cataract Refract Surg* 2021; 47:847-854.
18. Maloney RK, Donaldson KE, Doane J, Weinstock R and the AECOS Postoperative Care Study Group. Work Intensity of Postoperative Care Following Implantation of Presbyopia-Correcting versus Monofocal Intraocular lenses. Submitted to *J Refract Surg*.

Family

I am married to Nicole Maloney, an accomplished photographic artist whose best-known work is the seventeen-foot high OOMO cube at the Japanese-American National Museum in downtown Los Angeles (www.nicolemaloney.com/projects). Our sons, Keller and Pierce, are undergraduates and NCAA water polo players at Princeton. Our daughter Cleo is a college sophomore at Yale with a passion for art history.