

## CURRICULUM VITAE

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**ALLAN RICHARD RUTZEN, M.D., F.A.C.S.**

**DATE** June 1, 2010

**PERSONAL INFORMATION** **Rutzen Eye Specialists**  
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### EDUCATION

**Cornell University**, Ithaca, New York 1985  
B.S. with Distinction and with Honors, Biology

**Cornell University Medical College**, New York, New York 1989  
M.D. with Honors in Research

### POST GRADUATE EDUCATION

**Internal Medicine Internship** 1989-1990  
Harvard Medical School  
Mount Auburn Hospital  
Cambridge, Massachusetts

**Ophthalmology Residency** 1990-1993  
Tufts University School of Medicine  
New England Eye Center  
Boston, Massachusetts

**Ocular Inflammation and Infection Fellowship** 1993-1994  
Narsing A. Rao, MD and Ronald E. Smith, MD  
University of Southern California School of Medicine  
Doheny Eye Institute  
Los Angeles, California

**Corneal Disease and Refractive Surgery Fellowship** 1994-1995  
Herbert E. Kaufman, MD, Marguerite B. McDonald, MD,  
Bruce A. Barron, MD, and Michael S. Insler, MD  
Louisiana State University Medical Center  
New Orleans, Louisiana

**CERTIFICATIONS**

Diplomate, National Board of Medical Examiners	1990
Diplomate, American Board of Ophthalmology	1994
American Board of Ophthalmology Recertification	2004
VISX CustomVue High Myopia	2005
VISX Iris Registration	2005
VISX CustomVue Mixed Astigmatism	2005
VISX Fourier Wavefront	2005
VISX CustomVue Hyperopia and Hyperopic Astigmatism	2005
Intralase	2005

**MEDICAL LICENSURE**

Maryland Medical License D51102	1996
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**EMPLOYMENT HISTORY**

<b>Volunteer Ophthalmologist</b> Conducted first house-to-house survey of blindness and eye disease, taught surgical and clinical ophthalmology to local eye doctors in Cambodia, Vietnam, and China Helen Keller International Cambodia, Vietnam, and China	1995-1996
<b>Adjunct Assistant Professor of Ophthalmology</b> Louisiana State University Eye Center Louisiana State University Medical Center New Orleans, Louisiana	1995-1996
<b>Assistant Professor of Ophthalmology</b> Co-Director, Refractive Surgery Service Co-Director, External Eye Disease and Uveitis Service Department of Ophthalmology University of Maryland School of Medicine Baltimore, Maryland	1996-2001

<b>Associate Professor of Ophthalmology</b> Co-Director, Refractive Surgery Service Co-Director, External Eye Disease and Uveitis Service Department of Ophthalmology University of Maryland School of Medicine Baltimore, Maryland	2001-2007
<b>Visiting Professor of Ophthalmology</b> University of Navarra Pamplona, Spain	2005-present

## PROFESSIONAL MEMBERSHIPS

American Academy of Ophthalmology	1990-present
American Society of Cataract and Refractive Surgery	1991-2007
Association for Research in Vision and Ophthalmology	1996-2007
International Society of Refractive Surgery	1996-2007
Medical and Chirurgical Faculty of Maryland	1997-present
Baltimore City Medical Society	1997-2007
Anne Arundel County Medical Society	2007-present
Pan-American Association of Ophthalmology	1998-2006
Fellow, American College of Surgeons	1999-present

## HONORS AND AWARDS

<b>Cornell Tradition Academic Fellowship</b> Financial award in recognition of academic excellence Cornell University	1983-1985
<b>The Dean's Tuition Fellowship</b> Full tuition award in recognition of academic achievement and future academic potential Cornell University Medical College	1985-1989
<b>Eyer Educational Corporation Academic Fellowship</b> Financial award in recognition of academic achievement Cornell University Medical College	1985-1989
<b>NIH Summer Research Fellowship</b> Cornell University Medical College	1986

<b>NIH Summer Research Fellowship</b> Cornell University Medical College	1987
<b>Aaron Diamond Fellowship for the Externship in Human Rights and Health Care</b> For excellence in delivery of world health service Aravind Eye Hospital, Madurai, India Columbia College of Physicians and Surgeons, New York, New York	1989
<b>Vietnam Ministry of Health Certificate of Recognition</b> For excellence in developing and teaching program in cataract surgery Vietnam Ministry of Health Hanoi, Vietnam	1996
<b>Binh Thuan Hospital Service Recognition</b> For excellence in developing and teaching program in cataract surgery Binh Thuan, Vietnam	1996
<b>Ang Duong Hospital Certificate of Appreciation</b> For contributions to eye doctor training and implementation of the first survey of eye conditions and blindness Phnom Penh, Cambodia	1996
<b>Baltimore Magazine Top Docs</b> Selected by peers as one of Baltimore's finest physicians Baltimore, MD	2000
<b>Life Member of the National Registry of Who's Who</b> Recognizing exemplary service, both to the community and profession Published in 2001 edition of National Registry of Who's Who	2001
<b>HERO Certificate of Appreciation</b> In recognition of valuable contributions to HERO Baltimore, MD	2001
<b>Member of the Kingston's National Registry of Who's Who</b> Recognizing contributions to the profession and community Published in 2002 edition of Kingston's National Registry of Who's Who	2002
<b>University of Maryland Certificate of Appreciation</b> For dedicated service to Mini-Med School Baltimore, MD	2002

**Member of America's Registry of Outstanding Professionals 2002**  
Recognizing leadership and contribution in the field of Ophthalmology  
Published in 2002-2003 edition of America's Registry of Outstanding  
Professionals

**Selected as one of America's Top Ophthalmologists** 2002  
Recognizing experience, training, and professional associations  
Published in 2002-2003 edition of the Guide to America's Top  
Ophthalmologists

**Commander's Medal, Naval Medical Center** 2002  
For outstanding performance  
Portsmouth, VA

**LaserVision Milestone Award** 2002  
For reaching a milestone level of procedures with  
LaserVision Centers

**Selected as one of America's Top Ophthalmologists** 2003  
Recognizing experience, training, and professional associations  
Published in 2003-2004 edition of the Guide to America's Top  
Ophthalmologists

**Appreciation Award for Resident Teaching** 2004  
Recognizing contributions to resident teaching, University  
of Maryland Ophthalmology Residents

**Selected as one of America's Top Ophthalmologists** 2004  
Recognizing experience, training, and professional associations  
Published in 2004-2005 edition of the Guide to America's Top  
Ophthalmologists

**Manchester Who's Who Among Executives and Professionals** 2005-2006  
Published in the Honors Edition of the Registry

**AcademicKeys Who's Who in Medical Sciences Education** 2004-2005  
Recognizing contributions in medical education

**American Medical Association Physician's Recognition Award 2005**  
**with Commendation in Continuing Medical Education**

**American Academy of Ophthalmology Achievement Award 2005**  
Recognizing contributions to the American Academy of Ophthalmology

**Best Surgical Mentor Award** 2005

## Ophthalmology Residents, University of Maryland

<b>Selected as one of America's Top Ophthalmologists</b>	2005
Recognizing experience, training, and professional associations Published in 2005-2006 edition of the Guide to America's Top Ophthalmologists	
<b>Best Doctors in America 2005-2006 Database</b>	2005
Selected by peers as one of America's best doctors	
<b>Selected as one of America's Top Ophthalmologists</b>	2006
Recognizing experience, training, and professional associations Published in 2006-2007 edition of the Guide to America's Top Ophthalmologists	
<b>Best Doctors in America 2006-2007 Database</b>	2006
Selected by peers as one of America's best doctors	
<b>Appreciation Award, Department of Ophthalmology</b>	2007
Recognizing dedication, service and support of the University of Maryland Department of Ophthalmology & Visual Sciences	
<b>Selected as one of America's Top Ophthalmologists</b>	2007
Recognizing experience, training, and professional associations Published in 2007-2008 edition of the Guide to America's Top Ophthalmologists	
<b>Best Doctors in America 2007-2008 Database</b>	2007
Selected by peers as one of America's best doctors	
<b>Selected as one of America's Top Ophthalmologists</b>	2008
Recognizing experience, training, and professional associations Published in 2008-2009 edition of the Guide to America's Top Ophthalmologists	
<b>Best Doctors in America 2008-2009 Database</b>	2008
Selected by peers as one of America's best doctors	
<b>Selected as one of America's Top Ophthalmologists</b>	2009
Recognizing experience, training, and professional associations Published in 2009-2010 edition of the Guide to America's Top Ophthalmologists	
<b>Best Doctors in America 2009-2010 Database</b>	2009
Selected by peers as one of America's best doctors	

## ADMINISTRATIVE SERVICE

<b>Institutional Service</b>	<b>Admissions Committee Member</b> Cornell University Medical College	1985-1986
	<b>Institutional Self-Study Task Force</b> Subcommittee on Clinical Departments, The New York Hospital, Cornell University Medical College	1989
	<b>Department of Ophthalmology, University of Maryland</b>	
	Patient Care Committee	1996-2007
	Business and Marketing Committee	1996-2007
	Education Committee	1996-2007
	Resident Selection Committee	1996-2007
	Vitreoretinal Faculty Search Committee	1998-1999
	<b>Admissions Committee Interviewer</b> University of Maryland School of Medicine	1997-2007
	<b>Co-Director, University Laser Vision Center</b> Department of Ophthalmology University of Maryland School of Medicine	1998-2007
<b>Perioperative Medical Executive Committee</b> University of Maryland Medical Center	2003-2007	
<b>Surgeon Value Analysis Committee</b> University of Maryland Medical Center	2004-2007	
<b>Ambulatory Care Center Operating Room Team</b> University of Maryland Medical Center	2005-2007	
<b>Local Service</b>	<b>Board of Directors-Secretary/Treasurer</b> Anne Arundel County Medical Society Severna Park, MD	2007-present
	<b>Board of Directors</b> Maryland Society of Eye Physicians & Surgeons Baltimore, MD	2007-present
	<b>Program Chair</b> Maryland Society of Eye Physicians & Surgeons Baltimore, MD	2007-2008

	<b>Board of Directors</b> Baltimore City Medical Society Baltimore, MD	2004-2007
	<b>Membership Committee</b> Baltimore City Medical Society Baltimore, MD	2004-2007
	<b>Nominating Committee</b> Baltimore City Medical Society Baltimore, MD	2004-2007
<b>National Service</b>	<b>Field Test Reviewer</b> American Board of Ophthalmology	1998
	<b>Ad Hoc Grant Reviewer, US FDA</b> Orphan Products Development United States Food and Drug Administration	2000
	<b>Co-Editor</b> <i>Ophthalmology Capsule &amp; Comment</i>	1998-2005
	<b>Editorial Boards</b> <i>Comprehensive Ophthalmology Update</i>	1999-2009
	<b>Journal Reviewer</b> <i>Ophthalmology</i> <i>Current Eye Research</i> <i>Archives of Ophthalmology</i> <i>Ophthalmic Epidemiology</i>	1997-present 1997 1998-present 1998-present
	<b>Ask the Expert</b> University of Maryland web based question and answer	2005-2007
	<b>Preferred Practice Patterns panel-Refractive Errors</b> American Academy of Ophthalmology	2006-present
	<b>Clinical Correspondent for the American Academy of Ophthalmology</b> Spokesperson for the American Academy of Ophthalmology	2007-present
	<b>Advisory Committee Member, US FDA</b> Dermatologic and Ophthalmic Drug Advisory Committee United States Food and Drug Administration	2009-present

**International Service Subcommittee on the Prevention of Blindness** 1995-1996  
 Ministry of Health of the Kingdom of Cambodia  
 Phnom Penh, Cambodia

**Coordinating Committee of Nongovernmental Organizations** 1995-1996  
 Phnom Penh, Cambodia

## TEACHING SERVICE

**Ophthalmology Residents** 1996-2007

Co-Director, Refractive Surgery, External Eye Disease  
 and Uveitis Service  
 Clinics: outpatient service, operating room, hospital rounds  
 Basic Cornea and Uveitis Lectures: 15 lectures per year  
 Wet Labs: allocated space in my research lab, set up instruments,  
 scheduled and supervised sessions including demonstrations

## Ophthalmology Fellows

Omolabake Edema, M.D. 1998-1999  
 ECFMG Observer Clinical Fellowship from Nigeria

Arben Anastas, M.D. 1998-1999  
 Observer Fellowship from Albania

Ahad Deen, M.D. 1999-2000  
 Research Fellow

Jennifer H. Jacobs, M.D. 1999-2000  
 Clinical Fellowship, External Disease and Refractive Surgery

Carlos Daille, M.D. 2001  
 Observer Fellowship from Uruguay

## Medical Students

Andrew Epstein, Visiting Medical Student 1998  
 Visiting Student Mentor

Brett Levinson, Medical Student 1999-2001  
 University of Maryland  
 Short-term Research Program, ongoing

Carol Lin 2002-2003

	Medical Student Mentoring	
	Amir Guerami Medical Student Mentoring	2003-2004
	<b>Preceptor, Physical Diagnosis Course</b> Small group sessions on ophthalmoscopy, basic techniques University of Maryland Medical School	1998-2007
	<b>Preceptor, bedside teaching rounds</b> University of Maryland Medical School	1999
	<b>Co-Course Master</b> Third-year Medical Student Ophthalmology Rotations University of Maryland Medical School	2004-2007
<b>Optometry Students</b>	Visiting optometry student teaching Eight students per year (64 students to date) New England College of Optometry	1998-2007
<b>Other</b>	Jamaica Medical and Surgical Mission One or two residents per trip, yearly travel to Jamaica to provide eyecare in rural underserved region	1998-2007

**COURSES DIRECTED**

**Clinical and Surgical Ophthalmology**, National Eye Hospital 1995-1996  
Phnom Penh, Cambodia

**Skills transfer course on cataract surgery for ophthalmologists** 1996  
Binh Thuan, Vietnam

**Skills transfer course on cataract surgery for ophthalmologists** 1996  
Phan Thiet, Vietnam

**Primary Eye Care**, Kingdom of Cambodia Ministry of Health 1996  
Takeo, Cambodia

**Cornea Day** 1998  
Maryland Society of Eye Physicians and Surgeons  
Baltimore, MD

**Advances in Laser Applications for Ophthalmology** 1998  
Optical Society of America  
Baltimore, MD

**Cataract Surgery: Wet Lab Instruction** 2001  
University of Maryland  
Peapack, NJ

**Cataract Surgery: Wet Lab Instruction** 2002  
University of Maryland  
Peapack, NJ

**Phacoemulsification Under Special Circumstances:** 2003  
**Diabetes mellitus, Uveitis, Glaucoma, and Fuchs'**  
**Endothelial Dystrophy**  
Hemady RK, Rutzen AR, Nguyen A  
American Academy of Ophthalmology Annual Meeting  
Anaheim, CA

**A Stress-Free Step-by-Step System of Teaching** 2004  
**Phacoemulsification Skills to Beginners**  
Hemady RK, Rutzen AR  
American Society of Cataract and Refractive Surgery Annual Meeting  
San Diego, CA

<b>Phacoemulsification Under Special Circumstances: Diabetes Mellitus, Uveitis, and Glaucoma</b>	2004
Hemady RK, Rutzen AR American Academy of Ophthalmology Annual Meeting New Orleans, LA	
<b>Phacoemulsification Under Special Circumstances: Diabetes Mellitus, Uveitis, and Glaucoma</b>	2005
Hemady RK, Rutzen AR American Academy of Ophthalmology Annual Meeting New Orleans, LA	
<b>New Techniques in Ophthalmology: Tools You Can Use in Practice</b>	2006
Maryland Society of Eye Physicians & Surgeons Baltimore, MD	
<b>Advances in Ophthalmology: Lectures &amp; Interactive Case Presentations</b>	2007
Maryland Society of Eye Physicians & Surgeons Baltimore, MD	

## GRANT SUPPORT

<b>Investigator</b>	1994-1995
A double-masked, double-dummy, randomized, acyclovir controlled, parallel group study to compare the efficacy and safety of famciclovir with acyclovir in the treatment of patients with ophthalmic zoster SmithKline Beecham Pharmaceuticals LSU Medical Center New Orleans, LA	
<b>Principal Investigator</b>	1996-2007
Endokeratoplasty: Corneal endothelial transplantation Department of Ophthalmology Seed Funds Total Costs Awarded: \$20,000	
<b>Principal Investigator</b>	1998-1999
Endokeratoplasty: A Technique for Corneal Endothelial Transplantation University of Maryland School of Medicine Intramural Award Total Costs Awarded: \$14,400	
<b>Principal Investigator</b>	1999-2002
Endokeratoplasty	

Central Florida Lion's Eye Bank  
 Provision of human eyebank eyes: \$4,000 in-kind/year

**Co-investigator** 1999-2000

A Multi-Center, Investigator Masked Study Evaluating the  
 Safety and Efficacy of Cyclosporine 0.05% Ophthalmic  
 Emulsion for up to Six Months in Patients with Mild to  
 Moderate Keratoconjunctivitis Sicca.

Allergan, Inc.  
 Total Costs Awarded: \$25,920

**Co-investigator** 1999-2003

The Effect of Vasoactive Intestinal Peptide on Survival of  
 the Corneal Endothelium in Storage Media

Central Florida Lion's Eye Bank  
 Provision of human eyebank eyes: \$8,000 in-kind/year

## INVENTIONS

### **Endokeratoplasty Suction Ring**

An instrument designed for transplantation of the corneal endothelium  
 and its basement membrane for use in corneal endothelial  
 transplantation, employing the use of a spring-loaded syringe  
 attached to a novel suction ring device

### **LASIK Treatment Software**

Software for calculation of laser vision correction treatment parameters

## COMMUNITY SERVICE

### **Charitable Donations of Vision Correction Surgery**

American Heart Association	2000
Boys and Girls Clubs of Maryland	2000
Health Education Resource Organization	2000
Maryland Charities	2001
Health Education Resource Organization	2001
Maryland Chamber of Commerce	2001
Leukemia Society	2001
Health Education Resource Organization	2003

## Local

**Board of Directors** 1997-2001  
 Health Education Resource Organization (HERO)

A private, nonprofit, community-based organization best known for AIDS Walk, offering education and services to people with HIV and AIDS  
Baltimore, MD

**Board of Directors** 1997-2003

School 33 Art Center

A city-supported, nonprofit organization whose mission is to increase opportunities for local artists and the community to engage in the visual arts through child and adult education, exhibitions, and studio space

Baltimore, MD

**Member** 2000-2005

Fells Point Creative Alliance

Baltimore, MD

**Member** 2000-2005

Baltimore Council on Foreign Affairs

Baltimore, MD

**General Eye Health Screening** 2000

Maryland State Legislature

Annapolis, MD

**Laser Vision Correction Health Fair** 2000

Bethlehem Steel

Dundalk, MD

**Laser Vision Correction Health Fair** 2000

Back Yard Bash

Baltimore, MD

**International**

**Southeast Asia Regional Consultant** 1995-1996

Helen Keller International

Conducted first house-to-house survey of blindness and eye disease and taught surgical and clinical ophthalmology to local eye doctors in Cambodia, Vietnam, and China

**Jamaica Medical and Surgical Mission** 1998

Ten day mission to a rural, underserved region for the provision of eyecare and surgery

Resident teaching-Michael Magbalon, MD

**Jamaica Medical and Surgical Mission** 1999

Resident teaching-Scott Becker, MD

<b>Jamaica Medical and Surgical Mission</b> Resident teaching-Pranay Gupta, MD	2000
<b>Burma Medical and Surgical Mission</b> Two week visit to a rural, underserved region for the provision of eyecare and surgery Resident teaching-Tin Way, MD	2002
<b>Jamaica Medical and Surgical Mission</b> Resident teaching-Amie Squires, MD	2002
<b>Jamaica Medical and Surgical Mission</b> Resident teaching-Roxana Ursea, MD	2003
<b>Jamaica Medical and Surgical Mission</b> Resident teaching-Amish Purohit, MD	2004

#### **FOREIGN LANGUAGES**

Spanish (fluent), Portuguese (proficient), Hebrew (working knowledge),  
Cambodian (working knowledge), Vietnamese (working knowledge)

## PUBLICATIONS

### Journal Articles (Peer Reviewed)

1. Rutzen AR, Roberts CW, Driller J, Gomez D, Lucas BC, Lizzi FL, Coleman DJ. Production of corneal lesions using high intensity focused ultrasound. *Cornea* 9:324, 1990.
2. Rutzen AR, Weiss JS: Tarantula hair ophthalmia nodosa (correspondence). *Am J Ophthalmol* 116:381, 1993.
3. Rutzen AR, Weiss JS: Substitution of acetohexamide for acetazolamide (correspondence). *Am J Ophthalmol* 116:379, 1993.
4. Rutzen AR, Ortega-Larrocea G, Dugel PU, Chong LP, Lopez PF, Rao NA: Retinal and choroidal biopsy in intraocular inflammation: A clinicopathologic study. *Trans Am Ophthalmol Soc* 92:431, 1994.
5. Rutzen AR, Smith RE, Rao NA: Recent advances in the understanding of ocular toxoplasmosis. *Cur Opin Ophthalmol* 5:3, 1994.
6. Ortega-Larrocea G, Rutzen AR, Rao NA: [Ocular toxoplasmosis: current concepts.] *Rev Mex de Oftalmol* 68:222, 1994.
7. Ortega-Larrocea G, Rutzen AR, Rao NA: [Acquired Immunodeficiency Syndrome.] *Rev Mex de Oftalmol* 68:145, 1994.
8. Rutzen AR, Ortega-Larrocea G, Frambach DA, Rao NA: Macular edema in chronic Vogt-Koyanagi-Harada syndrome. *Retina* 15:475, 1995.
9. Rutzen AR, Ortega-Larrocea G, Dugel PU, Chong LP, Lopez PF, Smith RE, Rao NA: Clinicopathologic study of retinal and choroidal biopsies in intraocular inflammation. *Am J Ophthalmol* 119:597, 1995.
10. Rutzen AR, Ortega-Larrocea G, Schwab IR, Rao NA: Simultaneous onset of Vogt-Koyanagi-Harada syndrome in monozygotic twins. *Am J Ophthalmol* 119:239, 1995.
11. Patel SS, Rutzen AR, Marx JL, Thach AB, Chong LP, Rao NA: Cytomegalovirus papillitis in patients with acquired immune deficiency syndrome. I. Visual prognosis of patients treated with ganciclovir and/or foscarnet. *Ophthalmology* 103:1476, 1996.
12. Varma SD, Devamanoharan PS, Rutzen AR, Ali AH, Henein M: Attenuation of galactose-induced cataract by pyruvate. *Free Radic Res* 30:253, 1999.

13. Rutzen AR, Deen A, Epstein A, Maldonado MJ, Hemady RK: Cataract surgery in a patient with Brown-McLean syndrome. *J Cat Ref Surg* 27:1335, 2001.
14. Edema OT, Rutzen AR: Management of severe atopic keratoconjunctivitis. *African Jnl Med Practice*.
15. Koh SWM, Rutzen AR, Coll TJ, Hemady RK, Higginbotham EJ: VIP-immunoreactivity in human aqueous humor. *Current Eye Research* 30:189-194, 2005.
16. Levinson BA, Rutzen AR: New antimicrobials in ophthalmology. *Ophthalmol Clin N Am* 18:493, 2005.
17. Maldonado MJ, Juberias JR, Pinero DP, Alvarez-Vidal A, Rutzen AR: Flap tearing during lift flap laser in situ keratomileusis retreatment. *J Cataract Refract Surg* 31:2016-8, 2005.
18. Edema OT, Rutzen AR: Treatment of cytomegalovirus retinitis with intravitreal ganciclovir: a case report. *Nigerian J Ophthalmology* 13:67-70, 2005.
19. Garcia-Layana A, Maldonado JM, Corcostegui I, Salinas-Alaman A, Rutzen AR: Laser refractive surgery in a patient with a prepapillary arterial loop. *J Refract Sur* 24:49-51, 2008.
20. Koh SWM, Chandrasekara K, Addondandolo CJ, Coll RJ, Rutzen AR: VIP and VIP gene silencing modulation of differentiation marker N-cadherin and cell shape of corneal endothelium in human corneas ex vivo. *Invest Ophthalmol Vis Sci* 49:3491-8; 2008.
21. Rutzen AR, Elish NJ, Schwab L, Graham PJ, Pizzarello LD, Hemady RK, Maldonado MJ, Cambodia Eye Survey Group: Blindness and eye disease in Cambodia. 14:360-366, 2007.

#### **Journal Articles (Non-Peer Reviewed)**

1. Rutzen AR: Photorefractive keratectomy results stable over 6-year follow-up. *Ophthalmology Capsule and Comment*, 1:2, 1998.
2. Rutzen AR: Are we overdosing patients with herpetic epithelial keratitis? *Ophthalmology Capsule and Comment*, 2:1, 1999.
3. Rutzen AR: Intraoperative and early postoperative complications of LASIK. *Ophthalmology Capsule and Comment*, 2:2, 1999.
4. Rutzen AR: After LASIK, the posterior cornea moves forward. *Ophthalmology Capsule and Comment*, 4:4, 2001.
5. Rutzen AR: Intraocular lens calculations after refractive surgery. *Ophthalmology Capsule and Comment*, 5:3, 2002.

6. Rutzen AR: Phototherapeutic keratectomy to treat pain from corneal edema. *Ophthalmology Capsule and Comment*, 5:4, 2002.
7. Rutzen AR: Ultrasonic imaging of conjunctival tumors. *Ophthalmology Capsule and Comment*, 6:3, 2003.
8. Rutzen AR: Patient expectations of eye care. *Ophthalmology Capsule and Comment*, 6:4, 2003.
9. Rutzen AR: Intraocular lenses in children. *Ophthalmology Capsule and Comment*, 6:6, 2003.
10. Rutzen AR: Laser Vision Correction. *Get well & stay well*, Fall 2004.
11. Rutzen AR: Challenges in the OR-small pupil phacoemulsification. *EyeWorld Supplement*, August 2004.

### **Books**

1. Sardegna J, Shelly S, Rutzen A, Steidl SM. *The encyclopedia of blindness and vision impairment*. Second edition. New York, Facts On File, Inc., 2002.
2. Sardegna J, Shelly S, Rutzen A, Steidl SM. *Living with vision problems: The sourcebook for blindness and vision impairment*. New York, Check Mark Books, 2002.

### **Book Chapters**

1. Rutzen AR, Raizman MB: Fuchs' heterochromic iridocyclitis. In Albert DM and Jakobiec FA, (eds.): *Principles and practice of ophthalmology*. Philadelphia, W.B. Saunders Company, 1993.
2. Rutzen AR: In Vincent J: *Eye care in the field: A manual for health professionals*. Bangkok, American Refugee Committee, 1996.
3. Rutzen AR, Moore MB: Parasitic infections. In Kaufman HE, Barron BA, and McDonald MB, (eds.): *The cornea*. Second edition. Newton, Butterworth-Heinemann 1998.
4. Rutzen AR, Moore MB: Parasitic infections. In Kaufman HE, Barron BA, and McDonald MB, (eds.): *The cornea on CD-ROM*. Second edition. Newton, Butterworth-Heinemann 1999.
5. Rutzen AR, Smith JA: Intraocular inflammatory diseases. In Lee DA and Higginbotham EJ, (eds.): *A clinical guide to comprehensive ophthalmology*. New York, Thieme, 1999.
6. Rutzen AR: Intraocular inflammatory disease. In Lee DA and Higginbotham EJ, (eds.): *A clinical guide to comprehensive ophthalmology: CME Supplement*. New York, Thieme, 2000.
7. Rutzen AR, Moore MB: Parasitic infections. In Kaufman HE, Barron BA, and McDonald MB,

- (eds.): Pocket companion to the cornea. Second edition. Newton, Butterworth-Heinemann 2000.
8. Rutzen AR, Raizman MB: Fuchs' heterochromic iridocyclitis. In Albert DM and Jakobiec FA, (eds.): Principles and practice of ophthalmology. Second edition. Philadelphia, W.B. Saunders Company, 2000.
  9. Rutzen AR, Raizman MB: Fuchs' heterochromic iridocyclitis. In Albert DM and Jakobiec FA, (eds.): Principles and practice of ophthalmology on CD-ROM. Second edition. Philadelphia, W.B. Saunders Company, 2000.
  10. Rutzen AR, Raizman MB: Fuchs' heterochromic iridocyclitis. In Albert DM, Miller JW, Azar DT and Blodi BA (eds.): Albert & Jakobiec's Principles and practice of ophthalmology. Third edition. Philadelphia, W.B. Saunders Company, 2008.

### Audio CD and Tapes

1. Rutzen AR: Fuchs' heterochromic iridocyclitis: an underdiagnosed condition. 44:23. December 7, 2006.
2. Rutzen AR: Diagnosis and management of anterior uveitis. Audio Digest Ophthalmology. 45:04. February 21, 2007.

### Abstracts

1. Rutzen AR, Roberts CW, Driller J, Gomez D, Coleman DJ, Lizzi FL: The effects of high intensity focused ultrasound on corneal curvature. *Inv Ophthalmol Vis Sci*, 28:S225, 1987.
2. Goren MB, Rutzen AR, Raizman MB: The effect of corneal hypesthesia on the lactoferrin content of tears. *Inv Ophthalmol Vis Sci*, 33:S951, 1992.
3. Rutzen AR, Ortega G, Frambach, Rao NA: Indocyanine-green angiography using the scanning laser ophthalmoscope in Vogt-Koyanagi-Harada syndrome. *Inv Ophthalmol Vis Sci*, 35:1982, 1994.
4. Ortega G, Rutzen AR, Zhao J, Frambach DA, Rao NA: Macular choroidal circulation in Vogt-Koyanagi-Harada syndrome assessed with indocyanine-green angiography using the scanning laser ophthalmoscope. *Inv Ophthalmol Vis Sci*, 35:S2104, 1994.
5. Cunha MF, Zhao J, Rutzen AR, Ortega G, Rao NA, Frambach DA: Macular choroidal capillary filling time is delayed in Vogt-Koyanagi-Harada disease. *Inv Ophthalmol Vis Sci*, 35:S1636, 1994.
6. Patel SS, Rutzen AR, Marx JL, Thach AB, Chong LP, and Rao NA: Cytomegalovirus papillitis in patients with acquired immunodeficiency syndrome. I. Visual prognosis of patients treated with ganciclovir and/or foscarnet. American Academy of Ophthalmology, San Francisco, California, 1995.

7. Rutzen AR, Magbalon MJ, Rodrigues MM: Endokeratoplasty: A technique for endothelial transplantation using Descemet's membrane as a carrier. *Inv Ophthalmol Vis Sci*, 38:S856, 1997.
8. Rutzen AR, Magbalon MJ: A new instrument designed for endokeratoplasty. American Academy of Ophthalmology 1997 Annual Meeting, San Francisco, CA, 1997.
9. Tanguilig GG, Ortega-Larrocea, Rutzen AR: Regression of CMV retinitis without specific anticytomegalovirus therapy. *Inv Ophthalmol Vis Sci*, 39:S133, 1998.
10. Sobol AL, Steidl SM, Rutzen AR: Treatment of the progressive outer retinal necrosis syndrome with the intravitreal ganciclovir implant. *Inv Ophthalmol Vis Sci*, 39:S135, 1998.
11. Rutzen AR, Elish NJ, Schwab L, Pizzarello LD: Causes of blindness and visual impairment in Cambodia. *Inv Ophthalmol Vis Sci*, 39:S647, 1998.
12. Epstein AJ, Rutzen AR: Cataract surgery in the Brown-McLean syndrome. *Inv Ophthalmol Vis Sci*, 39:S1023, 1998.
13. Maldonado MJ, Sabada LM, Rutzen AR, Aliseda D, Layana AG, and Moreno-Montanes J: The effect of post-PRK corneal haze on standard and blue-on yellow threshold perimetry. American Academy of Ophthalmology 1999 Annual Meeting, Orlando, FL, October 1999.
14. Magbalon MJ, Johnson MA, Hemady RK, Rutzen AR: Retinal pigment epithelial functional changes with plaquenil: How much is toxic? *Inv Ophthalmol Vis Sci*, 40:S989, 1999.
15. Sheik ZA, Hemady RK, Rutzen AR: Comparison of topical anesthesia regimens. *Inv Ophthalmol Vis Sci*, 40:S549, 1999.
16. Gupta P, Rutzen AR, Spinak D, Hemady RK: New onset uveitis in the elderly. *Inv Ophthalmol Vis Sci*, 40:S146, 1999.
17. Rutzen AR, Hemady RK, Sheik ZA: Corneal endothelial rejection ring in a corneal graft. *Inv Ophthalmol Vis Sci*, 40:S636, 1999.
18. Rutzen AR and Maldonado MJ: LASIK overcorrection may be caused by repeated intraoperative drift. American Society of Cataract and Refractive Surgery Symposium on Cataract, IOL and Refractive Surgery, May 2000.
19. Maldonado MJ and Rutzen AR: Discontinuation of contact lens wear before refractive surgery: effect on the central corneal endothelium and thickness. American Academy of Ophthalmology 2000 Annual Meeting, Dallas TX, October 22, 2000.
20. Rutzen AR, Deen A, Jacobs JH, Levinson BA: Preparation of viable corneal endothelium for endokeratoplasty. *Inv Ophthalmol Vis Sci*, 41:S449, 2000.
21. Juberias JR, Maldonado MJ, Rutzen AR, Layana AG, Sanchez-Tocino H, Rodriguez-Conde R, Pinero DP: Postoperative complications associated with eyelid inflammatory disorders following laser in situ keratomileusis (LASIK). American Academy of Ophthalmology Annual Meeting,

Orlando, FL, 2002.

22. Corcostegui IA, Pinero PD, Layana AG, Moreno JM, Rutzen AR, and Maldonado MJ: Safety of Lasik in myopic patients with the diagnosis of ocular hypertension. American Academy of Ophthalmology 2004 Annual Meeting, New Orleans, LA, October 25, 2004.
23. Maldonado MJ, Nieto JC, Calero J, Rutzen AR: Topical autologous serum to treat delayed epithelial healing after surface ablation refractive surgery. American Academy of Ophthalmology 2006 Annual Meeting, Las Vegas, NV, November 13, 2006.
24. Maldonado MJ, Nieto JC, Ciare JM, Arriero MM, Gil C, Rutzen AR: Advanced surface ablation with and without topical autologous serum: A comparative study. American Academy of Ophthalmology 2007 Annual Meeting, New Orleans, LA, November 12, 2007.

### **Editorials**

1. Rutzen AR: Comments on: Clinical manifestations and therapy of herpes zoster ophthalmicus. *Comp Ophthalmology Update*, 3:227, 2002.
2. Rutzen AR: Comments on: Pharmacotherapy of photorefractive keratectomy. *Comp Ophthalmology Update*, 4: , 2003.
3. Rutzen AR: Comments on: Descemet's membrane detachment following cataract surgery. *Comp Ophthalmology Update*, 5:231, 2004.
4. Rutzen AR: Comments on: Cataract surgery in the glaucoma patient. *Comp Ophthalmology Update*, 6:121, 2005.

### **Letters to the Editor**

1. Tanguilig GG, Rutzen AR, Ortega-Larrocea G: Regression of cytomegalovirus retinitis associated with protease inhibitors-treatment in patients with AIDS. *Am J Ophthalmol* 125:567, 1998.

### **Published Illustrations**

1. Rutzen AR: [Physiology of corneal endothelium]. In Abib FC (ed.): [Specular Microscopy of Cornea]. Rio de Janeiro, Revinter, Ltd, 2000.

### **Book Reviews**

1. Rutzen AR: Review of Refractive surgery (edited by Dimitri T. Azar, Appleton and Lange, 1997). *Ophthalmic Surg Las* 30:689, 1999.
2. Rutzen AR: Review of Advancements in LASIK CD-ROM: Techniques for Prevention and

Management of Complications (Gimbel HV, Anderson Penno EE, Slack, Inc., 2001). Arch Ophthalmol 120:409, 2002.

## **MAJOR INVITED SPEECHES OR TALKS**

1. Rutzen AR, Ortega-Larrocea G, Dugel PU, Chong LP, Lopez PF, Rao NA: Retinal and choroidal biopsy in intraocular inflammation: a clinicopathologic study. American Ophthalmological Society, Pebble Beach, CA, 1994.
2. Rutzen AR: Vitamin A and blindness prevention in Cambodia. International Agency for the Prevention of Blindness International Forum, Hanoi, Vietnam, 1996.
3. Rutzen AR: The status of blindness prevention in Cambodia. Southeast Asia NGO Forum, Hanoi, Vietnam, 1996.
4. Rutzen AR: Primary medical treatment of glaucoma. VII Oslo Symposium in Ophthalmology, Oslo, Norway, 1996.
5. Rutzen AR: Ophthalmology for the primary care practitioner- acquired immunodeficiency syndrome in the eye. Medical and Chirurgical Society Annual Meeting, Baltimore, MD, May 3, 1997.
6. Rutzen AR: Diagnosis and management of cytomegalovirus retinitis. Ninth Annual Maryland Conference on AIDS: A Challenge to Primary Care, University of Maryland School of Medicine, Baltimore, MD, 1997.
7. Rutzen AR: Case presentations and panel discussion. Ninth Annual Maryland Conference on AIDS: A Challenge to Primary Care, University of Maryland School of Medicine, Baltimore, MD, 1997.
8. Rutzen AR: Common eye problems. 23<sup>rd</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, 1997.
9. Rutzen AR: Recognizing HIV-related retinal disease. Retina for the Comprehensive Ophthalmologist, University of Maryland School of Medicine, Baltimore, MD, 1997.
10. Rutzen AR, Dunn JP, Haller J, Hemady RK: Inflammatory disease and the retina case presentations and panel discussion. Retina for the Comprehensive Ophthalmologist, University of Maryland School of Medicine, Baltimore, MD, 1997.
11. Rutzen AR: Could it be Fuchs' heterochromic iridocyclitis? Controversies in glaucoma course, University of Maryland School of Medicine, Baltimore, MD, 1997.
12. Rutzen AR: Ocular herpes infections. Grand Rounds, Doctor's Community Hospital, Lanham, MD, October 16, 1997.
13. Rutzen AR: Prevention of blindness in Cambodia. International Forum: Ophthalmology in East

- Asia. American Academy of Ophthalmology 1997 Annual Meeting, San Francisco, CA, 1997.
14. Rutzen AR: Transplantation of corneal endothelial cells. Maryland Society of Eye Physicians and Surgeons 1997 Scientific Assembly, Columbia, MD, 1997.
  15. Rutzen AR: How does Sjogren's syndrome affect the eye? Sjogren's syndrome support group meeting, Bel Air, MD, 1997.
  16. Rutzen AR: Advances in laser technology for refractive surgery. Advances in Laser Applications for Ophthalmology, Optical Society of America Annual Meeting, Anaheim, CA, 1997.
  17. Rutzen AR: Recent advances in herpes simplex keratitis. Maryland Society of Eye Physicians and Surgeons Scientific Assembly, Baltimore, MD, 1998.
  18. Rutzen AR: Could it be Fuchs' heterochromic uveitis? Maryland Optometric Society Summer Continuing Education and Golf Weekend, Ellicott City, MD, 1998.
  19. Rutzen AR: Advances in the treatment of herpes zoster ophthalmicus. Maryland Optometric Society Summer Continuing Education and Golf Weekend, Ellicott City, MD, 1998.
  20. Rutzen AR: Pearls and pitfalls in herpes simplex keratitis. Maryland Optometric Society Summer Continuing Education and Golf Weekend, Ellicott City, MD, 1998.
  21. Rutzen AR: Advances and treatment of Acanthamoeba keratitis. Cornea Day 1998. Maryland Society of Eye Physicians and Surgeons, Baltimore, MD, 1998.
  22. Rutzen AR: Photorefractive keratectomy and LASIK for myopia. Advances in Laser Applications for Ophthalmology Workshop, Optical Society of America Annual Meeting, Baltimore, MD, 1998.
  23. Rutzen AR: Excimer laser technology: Present and future directions. Advances in Laser Applications for Ophthalmology Workshop, Optical Society of America Annual Meeting, Baltimore, MD, 1998.
  24. Rutzen AR: Toxoplasmosis and other infections. Macular disease for the comprehensive ophthalmologist, University of Maryland School of Medicine, Baltimore, MD, 1998.
  25. Bernstein SL, Rutzen AR: Changes in gene expression during aging of the human retina. Special Interest Group, Aging and the Retina, Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, 1999.
  26. Rutzen AR: Uveitic glaucoma. Glaucoma update at Camden Yards, University of Maryland School of Medicine, Baltimore, MD, 1999.
  27. Rutzen AR: External eye diseases including conjunctivitis and corneal ulcers. Laurel Regional Hospital, Laurel, MD, March 11, 1999.
  28. Rutzen AR: Common eye disorders. 25<sup>th</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, 1999

29. Rutzen AR: Are we winning or losing the battle against AIDS: an interactive forum. Health Education Resource Organization and University of Maryland Medical Center, Baltimore, MD, 2000.
30. Rutzen AR: Current concepts in laser vision correction & age related macular degeneration. University of Maryland School of Medicine, Baltimore, MD, January 11, 2000.
31. Rutzen AR: Advances in laser vision correction. A symposium on advances in ophthalmology for the new millennium. Greater Baltimore Medical Center, Baltimore, MD, March 3, 2000.
32. Rutzen AR: New treatments for seasonal allergic conjunctivitis are nothing to sneeze at. Lehigh Valley Ophthalmic Society, Allentown, PA, March 21, 2000.
33. Rutzen AR: New therapy for ocular allergy. Pascack Valley Hospital Grand Rounds, Westwood, NJ, April 24, 2000.
34. Rutzen AR: Alocril. Pennsylvania Eyecare Independent Practice Association, Haverford, PA, May 9, 2000.
35. Rutzen AR: New horizons in refractive surgery: Wavefront technology. Home Run Strategies in Ocular Diagnosis and Management, Department of Ophthalmology, University of Maryland School of Medicine, Baltimore, MD, June 30, 2000.
36. Rutzen AR: New therapy for ocular allergy. Regional Medical Meeting, Wilmington, DE, May 10, 2000.
37. Rutzen AR: New therapy for ocular allergy. Regional Medical Meeting. Baltimore, MD, May 31, 2000.
38. Rutzen AR: Treatment options for ocular allergy. Saint Barnabas Hospital Grand Rounds, Livingston, NJ, June 7, 2000.
39. Rutzen AR: Corneal endothelial transplantation: Past, present, and future. Visiting Professor, Ophthalmology Grand Rounds, Department of Ophthalmology, University of Medicine and Dentistry, New Jersey, Newark, NJ, June 12, 2000.
40. Rutzen AR: New therapy for ocular allergy. 26<sup>th</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, June 22, 2000.
41. Rutzen AR: Fine points of laser vision correction. Andrews Air Force Base, Andrews AFB, MD, November 9, 2000.
42. Rutzen AR: Laser vision correction. Maryland Chamber of Commerce Meeting, Baltimore, MD, November 30, 2000.

43. Rutzen AR: Advances in laser vision correction and wavefront technology. Visiting Professor, MCP/Hahnemann University Department of Ophthalmology, Philadelphia, PA, December 1, 2000.
44. Rutzen AR: Controversies in glaucoma: Refractive surgery is safe in glaucoma patients. Meeting the challenges of Glaucoma, University of Maryland School of Medicine, Baltimore, MD, February 23, 2001.
45. Rutzen AR: Macular degeneration, cataracts, and glaucoma. Baltimore City Provider Council, Cockeysville, MD, March 27, 2001.
46. Rutzen AR: Innovations in Refractive Surgery. Laurel Regional Hospital, Laurel, MD, April 26, 2001.
47. Rutzen AR: Wavefront analysis in refractive surgery. The Krieger Eye Institute 10<sup>th</sup> Anniversary Symposium, Baltimore, MD, June 1, 2001.
48. Rutzen AR: How far should I go? When to treat and when to refer common eye problems. Update in Internal Medicine, University of Maryland School of Medicine, Baltimore, MD, June 21, 2001.
49. Rutzen AR: Common eye disorders. 27<sup>th</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, June 26, 2001.
50. Rutzen AR: Blow away ocular allergies. Northern Virginia Academy of Ophthalmology, Tysons Corner, VA, September 24, 2001.
51. Rutzen AR: Presentations and treatment of Toxoplasmosis. Managing Retinal Disease 2001, University of Maryland School of Medicine, Baltimore, MD, September 28, 2001.
52. Rutzen AR: Blow away ocular allergies. Regional medical meeting, Baltimore, MD, October 11, 2001.
53. Rutzen AR: Wavefront technology for LASIK. Hot ophthalmology topics in 2001. Maryland Society of Eye Physicians and Surgeons 2001 Scientific Assembly, Baltimore, MD, October 26, 2001.
54. Rutzen AR: New therapy for ocular allergies. Regional medical meeting, New Brunswick, NJ, April 8, 2002.
55. Rutzen AR: Blow away ocular allergies. Visiting Professor, Naval Medical Center, Portsmouth, VA, May 1, 2002.
56. Rutzen AR: Treatment options for ocular allergy. Regional medical meeting, Cincinnati, OH, May 3, 2002.
57. Rutzen AR: Get the red out! A primary care guide to the red eye. 2<sup>nd</sup> Annual Update in Internal Medicine, University of Maryland School of Medicine, Baltimore, MD, June 4, 2002.

58. Rutzen AR: Advances in ophthalmic surgery: Anterior Segment. Operating room staff conference, University of Maryland Medical Center, Baltimore, MD, September 12, 2002.
59. Rutzen AR: Cataract surgery may save lives. Hot ophthalmology topics in 2002. Maryland Society of Eye Physicians and Surgeons 2002 Scientific Assembly, Baltimore, MD, November 8, 2002.
60. Rutzen AR: Blow away ocular allergies. Maryland Society of Eye Physicians and Surgeons 2002 Program for Ophthalmic Medical Personnel, Baltimore, MD, November 8, 2002.
61. Rutzen AR: Advances in the diagnosis and treatment of herpes simplex keratitis. Maryland Society of Eye Physicians and Surgeons 2002 Program for Ophthalmic Medical Personnel, Baltimore, MD, November 8, 2002.
62. Rutzen AR: Diseases of the eye. Mini-Med School, University of Maryland School of Medicine, Baltimore, MD October 2, 2002.
63. Rutzen AR: Corneal thickness: How do the studies measure up? Redefining Glaucoma and Its Management in the 21<sup>st</sup> Century, Department of Ophthalmology, University of Maryland School of Medicine, Baltimore, MD, February 14, 2003.
64. Rutzen AR: Wavefront technology: supervision or superhype, (Keynote Koplowitz Lecture) 41<sup>st</sup> Annual residents and alumni conference, Georgetown University Hospital, June 7, 2003.
65. Rutzen AR: An eye for art: Revealing the secrets of visual perception. School 33 Art Center, Baltimore, MD, January 21, 2003.
66. Rutzen AR: Internist management of common eye conditions. 3<sup>rd</sup> Annual Update in Internal Medicine, University of Maryland School of Medicine, Baltimore, MD, May 2003.
67. Rutzen AR: Common eye disorders. 29<sup>th</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, June 27, 2003.
68. Rutzen AR: Internist management of common eye conditions. Medical Grand Rounds, St Agnes Hospital, Baltimore, MD, October 9, 2003.
69. Rutzen AR: Posterior capsule opacification. Hot topics in ophthalmology 2003. Maryland Society of Eye Physicians and Surgeons 2003 Scientific Assembly, Columbia, MD, October 17, 2003.
70. Rutzen AR: Challenges in the OR: Small pupil phacoemulsification. Advancements in Glaucoma Management EyeWorld Educational Symposia, San Diego, CA, May 3, 2004.
71. Rutzen AR: Common eye conditions. 4<sup>th</sup> Annual Update in Internal Medicine, University of Maryland School of Medicine, Baltimore, MD, June 8, 2004.
72. Rutzen AR: Ophthalmologic emergencies. 30<sup>th</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, July 2, 2004.

73. Rutzen AR: Anterior segment surgery. Operating room staff conference, University of Maryland Medical Center, Baltimore, MD, September 30, 2004.
74. Rutzen AR, Roberts CW, O'Brien TP, Hemady RK, Goel S: Keratorefractive surgery and corneal disease case presentations and panel discussion. First Annual Maryland Medical Convention, Cambridge, MD, October 15, 2004.
75. Rutzen AR: Pupil and capsule management in difficult cataract surgery. XXV Pan-American Congress of Ophthalmology, Santiago, Chile, March 18, 2005
76. Rutzen AR: Common eye problems. 6<sup>th</sup> Annual Update in Internal Medicine, University of Maryland School of Medicine, Baltimore, MD, June 14, 2006.
77. Rutzen AR: Pediatric ophthalmology. 32<sup>th</sup> Annual Family Medicine Review Course, University of Maryland School of Medicine, Ocean City, MD, June 26, 2006.
78. Rutzen AR: Laser vision correction. Grand Rounds, Doctor's Community Hospital, Lanham, MD September 7, 2006.
79. Rutzen AR: Fuchs' heterochromic iridocyclitis: an underdiagnosed condition. Featured Lecturer, Downeast Ophthalmology Symposium, Bar Harbor, ME September 15, 2006.
80. Rutzen AR: Diagnosis and management of anterior uveitis. Featured Lecturer, Downeast Ophthalmology Symposium, Bar Harbor, ME, September 15, 2006.
81. Rutzen AR: Cataract surgery: Management of the small pupil and lax zonule. Featured Lecturer, Downeast Ophthalmology Symposium, Bar Harbor, ME September 16, 2006.
82. Rutzen AR: Diagnosis and management of anterior uveitis. Feature Lecturer, American Society of Ophthalmic Registered Nurses, Bar Harbor, ME, September 17, 2006.
83. Rutzen AR: Complex cataract extraction. Feature Lecturer, American Society of Ophthalmic Registered Nurses, Bar Harbor, ME, September 17, 2006.
84. Rutzen AR: Ocular manifestations of inflammatory bowel disease. Inflammatory bowel disease conference, Department of gastroenterology, University of Maryland School of Medicine, Baltimore, MD September 26, 2006.
85. Rutzen AR: Management of the small pupil and loose zonule. Maryland Society of Eye Physicians and Surgeons, Baltimore, MD October 13, 2007.
86. Rutzen AR: Essentials of anterior uveitis. Maryland Society of Eye Physicians and Surgeons Ophthalmic Medical Personnel, Baltimore, MD, October 13, 2006.
87. Rutzen AR: Pediatric Ophthalmology: The Bruckner Test. Maryland Academy of Family Physicians 2007 Winter Regional CME Conference, Columbia, MD, February 17, 2007.
88. Rutzen AR: Diagnosis and management of anterior uveitis. Maryland Optometric Association

Northeast Chapter Meeting, Bel Air, MD, March 20, 2007.

89. Rutzen AR: Common Eye Conditions. Grand Rounds, Doctor's Community Hospital, Lanham, MD, May 10, 2007.
90. Rutzen AR: Keynote Lecture: Cataract surgery in uveitis patients: Inflammation control and surgical techniques. International Ocular Inflammation Society, Paris, France, September 17, 2007.
91. Rutzen AR: Diagnosis and management of anterior uveitis. Maryland Optometric Association Annual Meeting. Baltimore, MD. December 2, 2007.
92. Rutzen AR: Fuchs' heterochromic iridocyclitis: An underdiagnosed condition. Maryland Optometric Association Annual Meeting. Baltimore, MD. December 2, 2007.
93. Rutzen AR: Advances in anterior segment surgery. Maryland Optometric Association Annual Meeting. Baltimore, MD. December 2, 2007.
94. Rutzen AR: Diagnosis and management of anterior uveitis. 23<sup>rd</sup> Biennial Walter Reed Ophthalmology Postgraduate Course and Alumni Meeting. March 24, 2008.
95. Rutzen AR: Fuchs' heterochromic uveitis. 23<sup>rd</sup> Biennial Walter Reed Ophthalmology Postgraduate Course and Alumni Meeting. March 24, 2008.
96. Rutzen AR: Infectious keratitis. Annapolis optometry seminar. Annapolis, MD. January 24, 2008.
97. Rutzen AR: Ophthalmic manifestations of systemic disease. Annapolis optometry seminar. Annapolis, MD. March 5, 2009.

### **Moderator**

1. Rutzen AR: Inflammatory Disease and the Retina Session Moderator. Retina for the Comprehensive Ophthalmologist. University of Maryland School of Medicine, Baltimore, MD, September 26, 1997.
2. Rutzen AR: Anterior Segment Session moderator. Hot topics in ophthalmology 2003. Maryland Society of Eye Physicians and Surgeons 2003 Scientific Assembly, Columbia, MD, October 17, 2003.
3. Rutzen AR: Keratorefractive Surgery and Corneal Disease Session moderator. First Annual Maryland Medical Convention, Cambridge, MD, October 15, 2004.
4. Rutzen AR: Anterior Segment and Refractive Surgery Session . Maryland Society of Eye Physicians and Surgeons 2007 Scientific Assembly, Baltimore, MD, October 13, 2007.

### **PROFERRED COMMUNICATIONS**

## Oral Presentations

1. Rutzen AR, Roberts CW, Driller J, Gomez D, and Coleman DJ: The effects of high intensity focused ultrasound on corneal curvature. 28th National Student Research Forum, Galveston, TX, 1987.
2. Rutzen AR and Roberts CW: Correction of post-cataract astigmatism with focused ultrasound. Department of Ophthalmology Alumni Meeting, Cornell University Medical College, New York, NY, 1987.
3. Driller J, Coleman DJ, Lizzi FL, Roberts C, Rutzen AR, Ostromogilsky M, and Lunzer B: Experimental corneal lesions produced with focused ultrasound. Convention of the American Institute of Ultrasound in Medicine, New Orleans, LA, 1987.
4. Rutzen AR, Roberts CW, Driller J, Gomez D, Lizzi FL, and Coleman DJ: Production of corneal lesions using high intensity focused ultrasound. Sixteenth Cornea Research Conference, Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA, 1989.
5. Goren MB, Raizman MB, and Rutzen AR: Corneal hypesthesia decreases the lactoferrin content of tears. Contact Lens Association of Ophthalmologists Annual Meeting, Las Vegas, NV, 1993.
6. Ortega-Larrocea G, Rutzen AR, Dugel PU, Chong LP, Lopez PF, Rao NA: Retinal and Choroidal Biopsy in AIDS patients with intraocular inflammation. Sixth International Symposium on the Immunology and Immunopathology of the Eye. Washington, DC, 1994.
7. Patel SS, Rutzen AR, Marx JL, Thach AB, Chong LP and Rao NA: Cytomegalovirus papillitis in patients with acquired immunodeficiency syndrome. I. Visual prognosis of patients treated with ganciclovir and/or foscarnet. American Uveitis Society. San Francisco, California, 1995.
8. Rutzen AR: Current concepts in laser vision correction. University of Maryland CME Program, Towson, MD, January 11, 2000.
9. Rutzen AR: Advances in laser vision correction and wavefront technology. University of Maryland CME Program, Annapolis, MD, March 8, 2001.
10. Rutzen AR: Laser Vision Correction. Patient Education Lunch-time Series, University of Maryland, Baltimore, MD, November 17, 2004.
11. Rutzen AR: Laser Vision Correction. Patient Education Lunch-time Series, University of Maryland, Baltimore, MD, December 7, 2004.

## Media Interviews

1. Fireworks safety (television interview). WWL Channel 14, New Orleans, LA, July 3, 1995.

2. Medical mission in Cambodia through Helen Keller International (television interview). WWL Channel 14, New Orleans, LA, July 12, 1995.
3. Corneal transplantation for Israeli chess champion, Platt (television interview). WWL Channel 14, New Orleans, LA, 1996.
4. Cataracts and cataract surgery (radio interview/talk-show). On Rosa P. Neal (executive Producer and Host): Community Health Beat. WEAA 88.9 FM, Baltimore, MD, March 6, 1997.
5. Be kind to your eyes—wear hat, sunglasses (quoted in newspaper article). The Baltimore Sun, Baltimore, MD, August 26, 1998.
6. Refractive surgery (radio interview/talk show). On Rosa P. Neal (Executive Producer and Host): Community Health Beat. WEAA 88.9 FM, Baltimore, MD, September 10, 1998.
7. Acquired form of toxoplasmosis growing in importance (newspaper article taken from presentation at University of Maryland retina course). By Rochelle Nataloni. Ocular Surgery News, March 1, 1999.
8. Jamaica Medical Mission (television interview). Jamaica local television, St. Mary's Parish, Jamaica, March 8, 1999.
9. Changes in medical student teaching (television interview). WBAL, December 1999.
10. New Year's eye safety tips (television interview). WBFF-TV, Fox 45, December 31, 1999.
11. Putting life in focus (quoted in magazine article). By Kelly Powers. Baltimore Magazine, March 2000.
12. Facts and fiction about laser vision correction (television interview). Senior Cable News, Maryland Flagship Channel, March and April 2000
13. Laser vision correction (television interview). Black Entertainment Television, national television program, April 1, 2000.
14. At issue: should preoperative medical testing before cataract surgery still be performed (quoted in newspaper article) Ocular Surgery News, May 15, 2000.
15. New technology complements doctors' skills. By Carol Sorgen. The Baltimore Sun, Baltimore, MD, May 21, 2000.
16. Laser vision correction (15-minute television interview). By Ellen Beth Levitt. Maryland Health Today, tape June 2, 2000 (aired August 2000) at WBFF-TV Fox 45.
17. Eyeing protection from bombings (quoted in internet article). By Serena Gordon HealthSCOUT ([www.healthscout.com](http://www.healthscout.com)) June 6, 2000.
18. Laser surgery should be done by a professional (Letter to the Editor in response to Kevin

Cowherd's article entitled, "He's studying eye surgery, but he's not a good pupil") The Baltimore Sun, Baltimore, MD, June 20, 2000.

19. Fireworks-related eye injuries (television interview). With Scott Livingston. Newsmakers segment, WBFF-TV, Fox 45, Baltimore, MD, July 4, 2000.
20. Basic LASIK: The popularity of corrective eye surgery (quoted in magazine article). By Kelly Powers. Chesapeake Life, August 2000.
21. Discussing the myths and realities of laser vision correction (radio interview). With Eric Zink, 102.7 FM, Baltimore, MD, November 12, 2000.
22. Ophthalmologists improve vision here and abroad (quoted in article). The Baltimore Sun, Maryland, December 5, 2000.
23. Healthcare professionals themselves undergo procedure (quoted in article). The Baltimore Sun, Maryland, December 5, 2000.
24. Eye wars: Laser eye surgery centers locked in pricing war to correct our vision (quoted in newspaper article). By Karen Buckelew. The Daily Record, February 17, 2001.
25. In search of eagle eyes (quoted in magazine article). By Christine Demkowych. Baltimore Magazine, March 2001.
26. Jamaica Medical Mission (television interview). With Deborah Weiner. Newsmakers segment, BFF-TV, Fox 45, Baltimore, MD, March 15, 2001.
27. Cataracts and Laser Vision Correction (television interview). With Ellen Beth Levitt. Maryland Health Today, October 31, 2002.
28. Sports medicine training tips: Eye safety and preventing eye injuries (radio interview). With Ellen Beth Levitt, WBAL Radio, October 2002.
29. Sports medicine training tips: Laser vision correction for better sight (radio interview). With Ellen Beth Levitt, WBAL Radio, October 2002.
30. Starry Stare: Americans can now opt for eyeball jewelry, but is it safe (quoted in article) by Megan Ogilvie. ABCNEWS.com, August 10, 2004.
31. Repairing vision (quoted in article) by Shelley Widhalm. The Washington Times, Washington, DC, April 26, 2005.
32. Understanding glaucoma (radio interview). WEA 88.9 FM, Baltimore, MD, June 24, 2005.