

CURRICULUM VITAE

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EDUCATION

Medical School Cayetano Heredia University
Lima, Peru
1968, MD

POSTGRADUATE TRAINING

Internship Loayza Hospital
(Peru) Lima, Peru
April 1967 to March 1968

Residency Ophthalmology
(Peru) Cayetano Heredia University
Lima, Peru
April 1968 to March 1969

Internship Rotating internship
(United States) Grasslands Hospital (now Westchester Medical Center)
Valhalla, New York
July 1969 to June 1970

<i>Fellowship</i>	Retinal fluorescein angiography Cleveland Clinic Foundation, Department of Ophthalmology Cleveland, Ohio July 1970 to June 1971
<i>Residency (United States)</i>	Ophthalmology Cleveland Clinic Foundation, Department of Ophthalmology Cleveland, Ohio July 1971 to June 1974
<i>Fellowship</i>	Ophthalmic and Retinal Diseases and Surgery Devers Eye Clinic of Good Samaritan Hospital Portland, Oregon July 1974 to September 1975

LICENSURE AND BOARD CERTIFICATION

Licensed to practice medicine in Ohio

Diplomate, American Board of Ophthalmology, 1977

PROFESSIONAL POSITIONS

Retina Associates of Cleveland, 1989–

Practice limited to retinal diseases and surgery. Associates: Lawrence J. Singerman, MD; Michael A. Novak, MD; Z. Nicholas Zakov, MD; Scott D. Pendergast, MD; David G. Miller, MD; Joseph M. Coney, MD; Jerome P. Schartman, MD; Llewelyn J. Rao, MD; Lili G. Kaplan, MD; Shawn A. Lewis, MD

Director, Electrophysiology and Fluorescein Angiography Laboratories, October 1975 to December 1988

Cleveland Clinic Foundation, Department of Ophthalmology, Retina Service
Cleveland, Ohio

HONORS AND AWARDS

Best Doctors in America, 2011-2015

MEMBERSHIPS

American Academy of Ophthalmology
American Medical Association
American Society of Retinal Specialists (formerly the Vitreous Society)
Association for Research in Vision and Ophthalmology
Cleveland Academy of Medicine
Cleveland Ophthalmological Society

Colombian Ophthalmology Society (Honorary Member)
Diabetes Association of Greater Cleveland
Latin American Group on Ocular Angiography and Photocoagulation
Ohio State Medical Association
Pan-American Ophthalmological Society
Peruvian Ophthalmological Society
Peruvian-American Medical Society
Retina Society

HOSPITAL AFFILIATIONS

Hillcrest Hospital; Cleveland, Ohio
Summa Health; Akron, Ohio

RESEARCH ACTIVITIES

NIH-funded Grants

Home vision monitoring in AREDS2 for progression to neovascular age-related macular degeneration

Co-investigator, 2011–2013

Comparison of age-related macular degeneration treatments trials: Lucentis-Avastin trial (CATT)

Co-investigator, 2008–2012

Age-Related Eye Disease Study 2 (AREDS2)

Co-investigator, 2006–2012

*Standard Care vs. **C**orticosteroid for **R**etinal Vein Occlusion (SCORE) Study*

Co-investigator, 2004–2009

Complications of Age-related Macular Degeneration Prevention Trial (CAPT)

Co-investigator, 1999–2006

Epidemiology of Diabetes Interventions and Complications Trial (EDIC), National Institutes of Health Grant

Co-investigator, 1994–

Collaborative Ocular Melanoma Study

Co-investigator, 1987–2003

Central Vein Occlusion Study (CVOS) Electrophysiology Ancillary Study

Principal investigator, 1990–1992

Endophthalmitis Vitrectomy Study

Co-investigator, 1989–1994

Macular Photocoagulation Studies

Co-investigator, 1989–1993

Central Vein Occlusion Study

Co-investigator, 1988–1993

Other National Clinical Trials*Efficacy and safety study of squalamine ophthalmic solution in subjects with neovascular AMD (MAKO)*

Co-investigator, 2016–

Phase II, multicenter, randomized, single-masked, sham-controlled study of safety, tolerability and evidence of activity of intravitreal APL-2 therapy in patients with geographic atrophy (GA)

Co-investigator, 2015–

Phase III double masked study of safety and efficacy of abicipar pegol in patients with neovascular age-related macular degeneration

Co-investigator, 2015–

Randomized, double-masked, multicenter, three-arm study comparing the efficacy and safety of RTH-258 versus aflibercept in subjects with neovascular age-related macular degeneration

Co-investigator, 2015–

LHA510 proof-of-concept study as a maintenance therapy for patients with wet age-related macular degeneration

Co-investigator, 2015–

An 18-month Phase 2a open label, randomized study of Avastin, Lucentis, or Eylea (anti-VEGF therapy) administered in combination with Fovista (anti-PDGF BB pegylated aptamer)

Co-investigator, 2015–

A study of lampalizumab intravitreal injections administered every two weeks or every four weeks to patients with geographic atrophy (EXPOSURE)

Co-investigator, 2015–

Phase III, multicenter, randomized, double-masked, sham-controlled study to assess the efficacy and safety of lampalizumab administered intravitreally to patients with geographic atrophy secondary to age-related macular degeneration (PROXIMA)

Co-investigator, 2015–

Phase 2, multi-center study to compare the efficacy and safety of a chemokine CCR2/5 receptor antagonist with ranibizumab in adults with diabetic macular edema

Co-investigator, 2014–2016

Phase 3, randomized, double-masked, controlled trial to establish the safety and efficacy of intravitreal administration of Fovista (anti PDGF-B pegylated aptamer) administered in combination with either Avastin or Eylea compared to Avastin or Eylea monotherapy in subjects with subfoveal neovascular age-related macular degeneration

Co-investigator, 2015–

Phase 3, randomized, double-masked, controlled trial to establish the safety and efficacy of intravitreal administration of Fovista (anti PDGF-B pegylated aptamer) administered in combination with Lucentis compared to Lucentis monotherapy in subjects with subfoveal neovascular age-related macular degeneration

Co-investigator, 2013–

A study investigating the efficacy and safety of larpalizumab intravitreal injections in patients with geographic atrophy secondary to age-related macular degeneration (CHROMA)

Co-investigator, 2014–

Prospective, two-cohort, single-masked study to evaluate the effect of ESBA1008 applied by microvolume injection or infusion in subjects with exudative age-related macular degeneration

Co-investigator, 2013

Prospective, randomized, double-masked, multicenter, two arm study comparing the efficacy and safety of ESBA1008 versus Eylea® in subjects with exudative age-related macular degeneration

Co-investigator, 2013–2014

Phase 2b/3 multicenter, randomized, double-masked, dose-ranging study comparing the efficacy and safety of emixustat hydrochloride (ACU-4429) with placebo for the treatment of geographic atrophy associated with dry age-related macular degeneration (SEATTLE)

Co-investigator, 2013–2016

A multicenter, randomized, sham-control, proof-of-concept study of intravitreal LFG316 in patients with geographic atrophy associated with age-related macular degeneration

Co-investigator, 2012–2015

Safety and tolerability of intravenous LFG316 in wet age-related macular degeneration

Co-investigator, 2012–2013

Safety and efficacy study of gevokizumab to treat active non-infectious uveitis (EYEGUARD™-A)

Co-investigator, 2012–2015

Safety and efficacy study of gevokizumab to treat non-infectious uveitis controlled with systemic treatment (EYEGUARD™-C)

Co-investigator, 2012–2015

Efficacy and safety of squalamine lactate eye drops in subjects with neovascular (wet) age-related macular degeneration

Co-investigator, 2012–2015

Phase I multicenter open-label safety and tolerability clinical trial of ciliary neurotrophic factor (CNTF) in patients with macular telangiectasia Type 2 (Mactel)

Co-investigator, 2011–

Single and repeat dose study of the safety and efficacy of AGN-150998 in patients with exudative age-related macular degeneration

Co-investigator, 2012

Ocriplasmin for treatment for symptomatic vitreomacular adhesion including macular hole (OASIS)

Co-investigator, 2012–2014

A study of safety, tolerability, and evidence of activity of FCFD4514S administered monthly or every other month to patients with geographic atrophy

Co-investigator, 2011–2013

Multicenter, 2 stage (open label, dose escalation, followed by masked, randomized) single dose study of the safety and efficacy of AGN-208397 in patients with macular edema (ME) associated with retinal vein occlusion (RVO)

Co-investigator, 2011–2012

Phase 2b dose-ranging study of pazopanib eye drops versus ranibizumab intravitreal injections for the treatment of neovascular age-related macular degeneration

Co-investigator, 2010–2011

Phase 2, randomized, double-masked, controlled trial to establish the safety and efficacy of intravitreal injections of E10030 (anti-PDGF pegylated aptamer) given in combination with Lucentis® in subjects with neovascular age-related macular degeneration

Co-investigator, 2010–2011

Phase II, randomized, double-masked, placebo- controlled, add-on study to assess the efficacy of oral aliskiren 300 mg one daily for diabetic macular edema

Co-investigator, 2009–2010

Natural History of Geographic Atrophy Progression (GAP) Study

Co-investigator, 2008–2009

Impact of Lucentis on psychological morbidity in patients with macular edema and neovascularization secondary to retinal vein occlusion

Co-investigator, 2009–2012

Geographic Atrophy Treatment Evaluation (GATE) Study

Co-investigator, 2009–2012

Phase 2, randomized, double-masked, placebo-controlled, dose-ranging clinical study to assess the safety and efficacy of subconjunctival injections of sirolimus in patients with diabetic macular edema secondary to diabetic retinopathy

Co-investigator, 2008–2010

A multicenter, randomized, placebo-controlled, double-masked, parallel group, dose-ranging clinical trial of intravitreal microplasmin in patients undergoing surgical vitrectomy: The MIVI III (Microplasmin for Vitreous Injection III) Trial

Co-investigator, 2007–2009

Phase 1, single ascending dose and parallel group trial to establish the safety, tolerability, and pharmacokinetic profile of multiple intravitreal injections of Volociximab ($\alpha 5\beta 1$ integrin antagonist) as monotherapy or given in combination with Lucentis 0.5mg/eye in subjects with neovascular AMD (Ophthotech 3000)

Co-investigator, 2008–2011

Phase 1, single ascending dose trial to establish the safety, tolerability, and pharmacokinetic profile of intravitreal injections of E10030 (anti-PDGF pegylated aptamer) monotherapy and of E10030 given in combination with Lucentis 0.3mg/eye in subjects with neovascular AMD

Co-investigator, 2007

A masked, multicenter, randomized, controlled trial to assess the safety and efficacy of 700 μ g dexamethasone posterior segment drug delivery system (DEX PS DDS) applicator system in combination with laser photocoagulation compared with laser photocoagulation alone in the treatment of subjects with diffuse diabetic macular edema

Co-investigator, 2007–2009

A study of ranibizumab injection in subjects with clinically significant with macular edema center involvement secondary to diabetes mellitus (RIDE)

Co-investigator, 2007–

COBALT: COmbining Bevasiranib And Lucentis Therapy. A phase III, randomized, double-masked, parallel-assignment study of intravitreal bevasiranib sodium, administered every 8 or 12 weeks as maintenance therapy following three injections of Lucentis®, compared with Lucentis® monotherapy every 4 weeks in patients with exudative age-related macular degeneration (AMD)

Co-investigator, 2007–2008

Age-related Macular Degeneration: Detection of Onset of new Choroidal neovascularization (AMD DOC) study comparing preferential hyperacuity perimetry (PHP) with supervised Amsler grid in detecting AMD for earlier treatment in high-risk fellow eyes (Johns Hopkins)

Co-investigator, 2007–2009

OMEGA: A randomized, double-masked, dose-ranging, multi-center, phase II study comparing the safety and efficacy of OT-551 with placebo to treat geographic atrophy associated with age-related macular degeneration

Co-investigator, 2007–2009

Small Interfering RNA In Macular Degeneration Study (SIRIUS): A 2 year, multicenter, randomized, controlled, masked, dose-finding trial to assess the safety and efficacy of multiple intravitreal injections of AGN211745 in subjects with subfoveal choroidal neovascularization secondary to age-related macular degeneration

Co-investigator, 2007–2008

Phase II randomized, double-masked, placebo-controlled, dose-comparison study of the safety and efficacy of fenretinide in the treatment of geographic atrophy in age-related macular degeneration (Sirion Therapeutics)

Co-investigator, 2007–2010

A 6-month, Phase III, multicenter, masked, randomized, sham-controlled trial (with 6-month open-label extension) to assess the safety and efficacy of 700 µg and 350 µg dexamethasone posterior segment drug delivery system (DEX PS DDS) applicator system in the treatment of patients with macular edema following branch retinal vein occlusion or central retinal vein occlusion

Co-investigator, 2005–2007

A 3-year, Phase III, multicenter, masked, randomized, sham-controlled trial to assess the safety and efficacy of 700 µg and 350 µg dexamethasone posterior segment drug delivery system (DEX PS DDS) applicator system in the treatment of patients with diabetic macular edema.

Co-investigator, 2005–2007

RNAi Assessment of Cand5 in Diabetic Macular Edema (RACE)

Co-investigator, 2005–2007

Natural history study of macular telangiectasia (MacTel)

Co-investigator, 2005–

Cand5 Anti-VEGF RNAi Evaluation (CARE): Dose comparison of Cand5 for subfoveal choroidal neovascularization associated with wet age-related macular degeneration.

Co-investigator, 2005–2007

A Phase II, dose ranging, open-labeled, multi-center study to evaluate the safety and efficacy of combretastatin A4 phosphate for treating subfoveal choroidal neovascularization in subjects with pathologic myopia

Co-investigator, 2005–2006

Protocol A43221001: A Phase 1 / 2 randomized, masked, placebo-controlled, single and multiple-dose, sequential dose escalation study of the safety and efficacy of AG-013958 in subjects with subfoveal choroidal neovascularization associated with age-related macular degeneration

Co-investigator, 2004–2006

An open label study for the evaluation of tolerability of four dose levels of Cand5 administered by single intravitreal injection in patients with wet age-related macular degeneration

Co-investigator, 2005–2007

A randomized, double-masked, placebo-controlled, parallel group, multicenter, dose-ranging study of denufosol tetrasodium (INS37217) intravitreal injection in subjects with rhegmatogenous retinal detachment

Co-investigator, 2004–2005

The Implantable Miniature Telescope (IMT™) in patients with central vision impairment associated with age-related macular degeneration or Stargardt's macular dystrophy

Co-investigator, 2003–2005

Ranibizumab (Lucentis) treatment in subjects with neovascular age-related macular degeneration (multiple studies)

Co-investigator, 2003–2007

Pegaptanib sodium (Macugen) in patients with exudative age-related macular degeneration (multiple studies)

Co-investigator, 2001–2010

Oculex Study: A Phase 2 randomized, multicenter, dose-ranging, controlled, parallel-group trial to assess the safety and effectiveness of dexamethasone posterior segment drug delivery system (DEX PS DDS®) in the treatment of persistent macular edema

Co-investigator, 1999–2008

Evaluation of anecortave acetate in patients with exudative age-related macular degeneration (multiple studies)

Co-investigator, 1999–2008

Protein Kinase C β inhibitor ruboxistaurin treatment for diabetic macular edema study and diabetic retinopathy (multiple studies)

Co-investigator, 1998–2010

Visudyne photodynamic therapy treatment of neovascular age-related macular degeneration (multiple studies)

Co-investigator, 1997–2006

SELECTED PRESENTATIONS AT LOCAL, NATIONAL, AND INTERNATIONAL MEETINGS AND SYMPOSIA

1. The clinical and prognostic value of retinal images. Optometric Retinal Update Seminar. Cleveland, Ohio, June 16, 2016.
2. The clinical and prognostic value of retinal images. Featured Speaker, III International Congress of Retina and Vitreous. Lima, Peru, February 18-20, 2016.

3. Chronic conjunctivitis and choroidal folds. Optometric Retinal Update Seminar. Warren, Ohio, September 1, 2015.
4. Bilateral conjunctivitis and choroidal folds. Optometric Retinal Update Seminar. Cleveland, Ohio, June 18, 2015.
5. Retinal cases. Cleveland Clinic North Coast Retina Symposium. Cleveland, Ohio, May 15, 2015.
6. Screening for Plaquenil toxicity: the value of autofluorescence. Optometric Retinal Update Seminar. Warren, Ohio, September 16, 2014.
7. Retinal cases. Cleveland Clinic North Coast Retina Symposium. Cleveland, Ohio, May 30, 2014.
8. The progression of chloroquine and hydroxychloroquine retinal toxicity: the value of imaging. Cleveland Ophthalmological Society. Cleveland, Ohio, October 15, 2013.
9. Eylea for chronic pigment epithelial detachments (ARMD). Optometric Retinal Update Seminar. Youngstown, Ohio, September 10, 2013.
10. Retinal cases. Cleveland Clinic North Coast Retina Symposium. Cleveland, Ohio, May 22, 2013.
11. Retinal update on anti-VEGF therapy (with Drs. Coney, Miller, Novak, Schartman, and Zegarra). Ophthalmologists' Update Seminar. Vermilion, Ohio, December 20, 2012.
12. Eylea for chronic pigment epithelial detachments (ARMD). Ophthalmologists' Update Seminar. Vermilion, Ohio, August 2012.
13. 1) Co-moderator, Central serous chorioretinopathy symposium; 2) Speaker, Management of central serous chorioretinopathy. Pan-American Retina-Vitreous Society Congress and 14th GLADAOF (Grupo Latinoamericano de Angiografía y Fotocoagulación) Forum. San Jose, Costa Rica, May 18, 2012
14. The value of OCT, autofluorescence photography, and multifocal ERG in chloroquine retinopathy. Optometric Retinal Update Seminar. Beachwood, Ohio, March 15, 2012.
15. Chloroquine retinopathy. Cleveland Ophthalmological Society. Cleveland, Ohio, October 11, 2011.
16. Retinopatía tóxica por cloroquina e hidroxycloquina (Chloroquine retinopathy). Fiftieth Anniversary of the Cayetano Heredia University Medical School. Lima, Peru, September 2011.
17. Chronic central serous choroidopathy. Optometric Retinal Update Seminar. Youngstown, Ohio, September 1, 2011.

18. Eighteen years of recurrent central serous choroidopathy. North Coast Retina Symposium. Cole Eye Institute, Cleveland Clinic Foundation, May 13, 2011.
19. Co-moderator, Medical Retina Symposium. Speaker, 1) Long-term therapy of central retinal vein occlusion with anti-VEGF agents; 2) Photodynamic therapy in the treatment of central serous choroidopathy. Croatian Ophthalmological Society. Zagreb, Croatia, October 2010.
20. Long-term therapy of central retinal vein occlusion with anti-VEGF agents. Cleveland Ophthalmological Society. Cleveland, Ohio, October 12, 2010.
21. Unilateral progressive hyperopia. Optometric Retinal Update Seminar. Beachwood, Ohio, March 25, 2010.
22. Chloroquine retinopathy. Optometric Retinal Update. Westlake, Ohio, June 18, 2009.
23. Anti-VEGF therapy for central retinal vein occlusion. Retinal Update for Ophthalmologists. Beachwood, Ohio. May 13, 2009.
24. Anti-VEGF therapy for central retinal vein occlusion. Retinal Update for Ophthalmologists. Youngstown, Ohio. March 18, 2009.
25. Retinal imaging (with DG Miller). Optometric Continuing Education Program and Open House. Lorain, Ohio. January 13, 2009.
26. Anti-VEGF therapy for central retinal vein occlusion. Retinal Update for Ophthalmologists. Youngstown, Ohio. November 20, 2008.
27. Central retinal vein occlusion: evolution in the diagnosis, management, and treatment. Optometric Retinal Update. Youngstown, Ohio. September 18, 2008.
28. Photodynamic therapy with Visudyne in the treatment of central serous retinopathy. Optometric Retinal Update. Westlake, Ohio, July 15, 2008.
29. Central serous choroidopathy: current management and new therapies. Optometric Retinal Update. Beachwood, Ohio. February 21, 2008.
30. Anti-VEGF agents in retinal disorders. Optometric Retinal Update. Westlake, Ohio. July 17, 2007.
31. The role of anti-VEGF agents in retinal disorders. Optometric Retinal Update. Mentor, Ohio. October 25, 2006.
32. Current management of retinal vein occlusion. Optometric Retinal Update. Youngstown, Ohio. September 25, 2006.
33. Current management of retinal vein occlusion. Optometric Retinal Update. Westlake, Ohio. August 9, 2006.

34. Newest information, research, and treatments for macular degeneration. Seminar on Nutrition and Macular Degeneration (joint presentation of Retina Associates of Cleveland and Macula Vision Research Foundation SupportSight). Middleburg Heights, Ohio. October 29, 2005.
35. Case review: retinal vascular and macular degenerative diseases. Optometric Retinal Update. Westlake, Ohio. August 11, 2005.
36. Pigmented fundus lesions. Optometric Retinal Update. Westlake, Ohio. July 29, 2004.
37. Unilateral retinitis pigmentosa. Optometric Retinal Update. Beachwood, Ohio. February 19, 2004.
38. Retinal case presentations and management. Optometric Continuing Medical Education. Vermilion, Ohio. December 11, 2003.
39. Unilateral retinitis pigmentosa. Optometric Retinal Update. Westlake, Ohio. August 12, 2003.
40. 1) Manejo practico de la enfermedad retinal vascular. 2) Tratamiento de la neovascularizacion coroidea con terapia fotodinamica combinada con otros modalidades terapeuticas. National Congress of Ophthalmology. Lima, Peru. July 2–6, 2002.
41. Management and prevention of retinal vascular disease. Optometric Retinal Update. Youngstown, Ohio. August 29, 2001.
42. Photodynamic therapy. Pan American Congress of Ophthalmology. Llao Llao, Argentina. July 23, 2001.
43. Management and prevention of retinal vascular disease. Ohio Optometric Association Zone 2 meeting. June 13, 2001.
44. 1) What's new in vitreoretinal diseases and surgery (Panelist). 2) Branch and central vein occlusion workshop (Instructor). 3) Manejo Práctico Actualizado de la Retina Diabética (Instructor). 4) Enfermedad Macular Tratable (Instructor). American Academy of Ophthalmology and the Pan-American Association of Ophthalmology. Orlando, Florida. October 24–27, 1999.
45. What's new in vitreoretinal diseases and surgery (Panelist). American Academy of Ophthalmology and the Pan-American Association of Ophthalmology. New Orleans, Louisiana. November 1998
46. What's new in vitreoretinal diseases and surgery (Panelist). American Academy of Ophthalmology and the Pan-American Association of Ophthalmology. San Francisco, California. October 1994.

47. Symposium on indocyanine green angiography. Latin American Group of Angiography and Laser Photocoagulation. Santiago, Chile. October 1994.
48. 1) Symposium in retinal diseases. 2) Conference on retinitis pigmentosa and vitamin A. Fifteenth Peruvian Symposium of Ophthalmology. Lima, Peru. September 1994.
49. Edema and retinal ischemia and retinal vascular occlusions. The Nineteenth Pan-American Congress of Ophthalmology. Caracas, Venezuela; July 1993.
50. 1) Treatment of subfoveal choroidal neovascularization. 2) Pneumatic retinopexy. 3) Current indications and management of retinal vein occlusion. The Northwest Mexican Ophthalmology Society Annual Meeting. Tucson, Arizona; May 1993.
51. 1) What's new in vitreoretinal diseases (Panelist). 2) Branch and central vein occlusion workshop (Instructor). 3) Discussant of two papers on choroidal neovascularization. American Academy of Ophthalmology Annual Meeting. Dallas, Texas. November 8–12, 1992.
52. Evaluation of retinal ischemia: clinical, angiographic, and electrophysiological findings; Review of interesting fluorescein cases (coordinator). Latin American Group for Fluorescein Angiography and Laser. Cancun, Mexico. July 16–18, 1992.
53. Acquired retinopathies simulating retinal dystrophies. Cleveland Ophthalmological Society. April 14, 1992.
54. Ophthalmological Workshop. Ohio Academy of Family Physicians. January 11, 1992.
55. What's new in vitreoretinal diseases (in Spanish). Senior Instructor, American Academy of Ophthalmology Annual Meeting. Anaheim, California. October 13–17, 1991.
56. Alternative techniques to scleral buckling surgery. Case Western Reserve University Grand Rounds. Cleveland, Ohio. December 6, 1989.
57. Reoperations following pneumatic retinopexy (Ambler J, Meyers S, Zegarra H). American Academy of Ophthalmology Annual Meeting. New Orleans, Louisiana. October 29–November 2, 1989.
58. 1) Pneumatic retinopexy, technique, indications, and limitations. 2) Management of retinal branch vein occlusion. 3) Clinical applications of dye laser. 4) Ischemia in central retinal vein occlusion. 5) Management of retinoschisis complicated with retinal detachment. Guest lecturer, Decentro Oftalmologico Campinas. October 20–21, 1989.
59. Update on pneumatic retinopexy experience at the Cleveland Clinic. Pneumatic Retinopexy Symposium. Tampa, Florida. October 6–7, 1989.
60. 1) Update on laser photocoagulation for retinal vein occlusion. 2) Current status of retinal venous occlusive disease (central retinal vein occlusion). 3) Acute maculopathies. 4) Management of proliferative diabetic retinopathy. 5) Free paper:

- Failure and reoperation following pneumatic retinopexy. Pan-American Ophthalmological Society Meeting. Rio de Janeiro, Brazil. September 3–6, 1989.
61. Current indications and limitations of pneumatic retinopexy. Ohio Ophthalmological Society Meeting. Cleveland, Ohio. June 2–4, 1989.
 62. Pneumatic retinopexy for retinal redetachments after buckling surgery (Zegarra H, Parker C, Meyers S). Aegean Retina. Crete, Greece. July 10–14, 1989.
 63. Chronic macular detachment following otherwise successful pneumatic retinopexy (Ambler JS, Zegarra H, Meyers SM). Combined Meeting of the Retina Society and Macula Society. Boston, Massachusetts. June 21–24, 1989.
 64. Clinical applications of electrophysiology. Grand Rounds St. Luke's Hospital. Cleveland, Ohio. February 3, 1989.
 65. 1) Overview of macular degeneration. 2) An alternative technique to scleral buckling surgery: pneumatic retinopexy. Update on Vitreoretinal Disease. Christ Hospital. September 10, 1988.
 66. Reoperation following pneumatic retinopexy. 2) CCF experience with pneumatic retinopexy. Pneumatic Retinopexy Symposium. San Diego, California. August 5–6, 1988.
 67. Acute bilateral maculopathies. 2) Coordinator, Round Table on retinal vascular disease. 3) Retinal vascular disease: current therapy. Latin American Group of Angiography and Photocoagulation. Caracas, Venezuela. June 19–25, 1988.
 68. A new approach for the repair of retinal detachment associated with retinoschisis. The Retina Society Meeting. Philadelphia, Pennsylvania. June 16–18, 1988.
 69. 1) Complications of CRNVM treatment. 2) Laser photocoagulation for retinal tears and lattice degeneration. 3) Macular edema secondary to CRVO. Retina Research and Development Foundation Mid-Winter Course and Fluorescein Angiography Workshop. St. Louis, Missouri. February 5–6, 1988.
 70. 1) Persistent macular detachment after pneumatic retinopexy. 2) Simultaneous gas-fluid exchange in nonvitrectomized eyes. Vitreous Society Meeting. St. Thomas, Virgin Islands. December 2–6, 1987.
 71. Comparison of pneumatic retinopexy with alternative surgical techniques. American Academy of Ophthalmology Annual Meeting. Dallas, Texas. November 8–12, 1987.
 72. Retinal venous occlusive disease — current management and treatment. Pam American Association of Ophthalmology. Santo Domingo, Dominican Republic. April 5–7, 1987.
 73. Cataract surgery and intraocular lenses in diabetic patients. Vitreous Society Meeting. Palm Springs, California. December 3–6, 1986.

74. New techniques for retinal detachments. Peruvian Congress of Ophthalmology. Lima, Peru. November 2–7, 1986.
75. Retinal angiography: basic interpretation and current use of lasers in the treatment of eye disorders. Ohio Optometric Association. Huron, Ohio. October 8–9, 1986.
76. Temporary closure of retinal breaks — new approach for retinal detachment repair. Dedicatory Symposium, Department of Ophthalmology, Cleveland Clinic Foundation. Cleveland, Ohio. June 14, 1986.
77. Treatment of macular edema secondary to partial central retinal vein occlusion. Ohio Ophthalmological Society. Columbus, Ohio June 7–8, 1986.
78. Temporary closure of retinal breaks. Hilton Rocha Institute Meeting. Belo Horizonte, Brazil. April 20–21, 1986.
79. Dye lasers — use of dye lasers in ophthalmology: management of neovascularization secondary to intraocular inflammation. Latin American Group of Angiography and Photocoagulation. Belo Horizonte, Brazil. Angiography Workshop (organizer). April 18–19, 1986.
80. Common retinal disorders: recognition and management. Primary Care Conference, Cleveland Clinic Foundation. Cleveland, Ohio. February 25, 1986.
81. Ophthalmic dye lasers: A. Applications of retinal clinical trials. B. The use of different wavelengths. Joint Ophthalmology Conference of Case Western Reserve University School of Medicine and Cleveland Clinic Foundation. Cleveland, Ohio. February 15, 1986.
82. Retinal manifestations of carotid occlusive disease. Peripheral Vascular Disease Conference, Cleveland Clinic Foundation. Cleveland, Ohio. January 29, 1986.
83. Vascular occlusive disease. Erie County Medical Center case presentation. Buffalo, New York. October 17, 1985.
84. Management of retinal vascular occlusion. Buffalo Ophthalmological Society. Buffalo, New York. October 17, 1985.
85. The management of retinal venous occlusive disease. Postgraduate course, American Academy of Ophthalmology. San Francisco, California. October 3, 1985.
86. Retinal vascular diseases. Postgraduate course, XV Pan-American Congress of Ophthalmology. New Orleans, Louisiana. April 21, 1985.
87. The use of the Lincoff balloon in retinal detachment surgery. Cleveland Ophthalmological Society. Cleveland, Ohio. April 9, 1985.

88. Complications in ophthalmology: complications of intraocular lenses in diabetic patients. Postgraduate course, Cleveland Clinic Foundation. Cleveland, Ohio. November 30 to December 1, 1984.
89. 1) Evaluation of retinal ischemia by fluorescein angiography. 2) Round table on diabetic retinopathy (coordinator). 3) Intraocular lenses in diabetic patients. Latin-American Forum — Angiography and Photocoagulation. Buenos Aires, Argentina. October 24–26, 1984.
90. Intraocular lenses on diabetic patients. Retina Society Annual Meeting. Detroit, Michigan. September 13–16, 1984.
91. Symposium on diabetic retinopathy. Lima, Peru. July 6, 1984.
92. Photocoagulation of intraocular tumors. International Congress on Intraocular Tumors. Lima, Peru. July 6, 1984.
93. Lasers in ophthalmology. Peruvian-American Medical Society. Arequipa, Peru. July 2–5, 1984.
94. First Congress, Aristides de Athayde Eye Foundation, Ophthalmology 1984. Curitiba, Parana, Brazil. June 20–23, 1984.
95. Preretinal neovascularization secondary to intraocular inflammation. Cleveland Ophthalmological Society. Cleveland, Ohio. May 2, 1984.
96. Role of photocoagulation in retinal venous occlusions. Lasers in ophthalmology, postgraduate course. Cleveland Clinic Foundation. Cleveland, Ohio. December 2–3, 1983.
97. 1) Clinicophysiological evaluation of visual dysfunction. 2) Current concepts in venous occlusive disease. 3) Round table on photocoagulation. Venezuelan National Congress of Ophthalmology. Barquisimeto, Venezuela. November 20–24, 1983.
98. 1) New concepts in the diagnosis and treatment of retinal venous occlusive disease. 2) Round table on different modalities of laser therapy. XII Argentinean National Congress of Ophthalmology. Buenos Aires, Argentina. September 18–23, 1983.
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108. Symposium on Complications of Diabetes mellitus. Peruvian-American Medical Society. Bal Harbour, Florida. November 24–28, 1981.
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110. Partial central retinal vein occlusion. Association for Research in Vision and Ophthalmology. Sarasota, Florida. April 27–May 1, 1981.
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119. Retinal photocoagulation. Perspectives in ophthalmology, Cleveland Clinic Foundation. Cleveland, Ohio. December 6–7, 1979.
120. Diabetic retinopathy. Department of Endocrinology, Cleveland Clinic Foundation. Cleveland, Ohio. September 28, 1979.
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128. Ocular complications in cardiac surgery. Peruvian-American Medical Society. Sandom, Puerto Rico. August 2, 1978.
129. Leukemic retinopathy. American Medical Association. St. Louis, Missouri. June 21, 1978.
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