

# CURRICULUM VITAE

**Name:** QUAN DONG NGUYEN, MD, MSC

## DEMOGRAPHIC AND PERSONAL INFORMATION

### CURRENT APPOINTMENT

Associate Professor of Ophthalmology  
Retina Division  
Diseases of the Retina and Vitreous, and Uveitis  
Wilmer Ophthalmological Institute  
The Johns Hopkins University School of Medicine

**Address:** Wilmer Ophthalmological Institute      Phone: (410) 502-9821  
The Johns Hopkins Hospital      Fax: (410) 502-1712  
600 North Wolfe Street      E-mail: [qnguyen4@jhmi.edu](mailto:qnguyen4@jhmi.edu)  
Maumenee 745  
Baltimore, Maryland 21287

## EDUCATION AND TRAINING

### Education:

1985 Bacc. Phillips Exeter Academy  
1989 B.S. Yale University  
*Molecular Biophysics and Biochemistry*  
1989 M.Sc. Yale Graduate School of Arts and Sciences  
*Molecular Biophysics and Biochemistry*  
1993 M.D. University of Pennsylvania School of Medicine  
2010 M.P.H Johns Hopkins University Bloomberg School of Public Health (*expected*)

### Post-Doctoral Training:

#### Internship

1993-1994 Massachusetts General Hospital  
Department of Internal Medicine, Harvard Medical School

#### Residency

1994-1997 Massachusetts Eye and Ear Infirmary  
Department of Ophthalmology, Harvard Medical School

#### Clinical and Research Fellowships

1997-1998 Immunology and Uveitis  
Massachusetts Eye and Ear Infirmary, Harvard Medical School

1998-1999 Ocular Immunology  
Wilmer Eye Institute, Johns Hopkins University and Hospitals

1999-2001 Medical and Surgical Diseases of the Retina and Vitreous  
 Schepens Eye Research Institute  
 Massachusetts Eye and Ear Infirmary, Harvard Medical School

#### PROFESSIONAL EXPERIENCES

1997-1998 Fellow in Ophthalmology, Harvard Medical School  
 1998-1999 Assistant in Ophthalmology, Johns Hopkins University School of Medicine  
 1999-2001 Fellow in Ophthalmology, Harvard Medical School  
 Post-Doctoral Research Scientist, Schepens Eye Research Institute  
 2001-2007 Assistant Professor of Ophthalmology  
 Wilmer Ophthalmological Institute  
 The Johns Hopkins University School of Medicine

#### RESEARCH ACTIVITIES

##### PUBLICATIONS

###### *Original Peer-Reviewed Research Articles*

1. Raha D, **Nguyen QD**, Garen A. "Molecular and Developmental Analyses of the Protein Encoded by the Drosophila Gene *ectodermal*." *Developmental Genetics*. 1990;11: 310-317.
2. **Nguyen QD**, Foster CS. "Ciliary Body Melanoma Masquerading as Chronic Uveitis." *Ocular Immunology and Inflammation*. 1998; 6: 253-256.
3. **Nguyen QD**, Kempen JH, Bolton SG, Dunn JP, and Jabs DA. "Immune Recovery Uveitis in Patients with AIDS and Cytomegalovirus Retinitis Following Highly Active Antiretroviral Therapy." *American Journal of Ophthalmology*. 2000; 129: 634-639.
4. **Nguyen QD**, Uy HS, Akpek EK, Harper SL, Zacks DN, Foster CS. "Choroidopathy of Systemic Lupus Erythematosus." *Lupus*. 2000; 9: 288-298.
5. **Nguyen QD**, Humphrey RL, Dunn JP, Humayun MS. "Elevated Vitreous Concentration of Monoclonal Immunoglobulin Presenting as Schlieren in Juvenile Rheumatoid Arthritis-Associated Uveitis." *Archives of Ophthalmology*. 2001; 119: 293-296.
6. Uy HS, **Nguyen QD**, Arbour J, Gravel M, D'Amico DJ, Jakobiec FA, Foster CS. "Sclerosing Pseudotumor of the Eye." *Archives of Ophthalmology*. 2001; 119: 603-607.

7. Letko E, Stechschulte SU, Kenyon KR, Sadeq N, Romero TR, Samson CM, **Nguyen QD**, Harper SL, Primack JD, Azar DT, Gruterich M, Dohlman CH, Baltatzis S, Foster CS. "Amniotic Membrane Inlay and Overlay Grafting for Corneal Epithelial Defects and Stromal Ulcers." *Archives of Ophthalmology*. 2001; 119: 659-663.
8. **Nguyen QD**, Lashkari K, Hirose T, Pruett RC, McMeel JW, Schepens CL. "Erosion and Intrusion of Silicone Scleral Buckle: Presentation and Management." *Retina*. 2001; 21: 214-220.
9. **Nguyen QD**, Uy HS, Merchant A, Medina CA, Baltatzis, Zhao T, Zhao ZS, Cantor H, Foster CS. "Effect of Fas and Fas-Ligand Deficiency in Resistance of C57BL/6 Mice to HSV-1 Keratitis and Chorioretinitis." *Investigative Ophthalmology and Visual Science*. 2001; 42: 2505-2509.
10. Harper SL, Letko E, Samson CM, Zafirakis P, Sangwan V, **Nguyen QD**, Uy H, Baltatzis S, Foster CS. "Wegener's Granulomatosis: the Relationship between Ocular and Systemic Disease." *Journal of Rheumatology*. 2001; 28: 1025-1032.
11. Rasmussen H, Chu KW, Campochiaro P, Gehlbach PL, Haller, JA, Handa JT, **Nguyen QD**, Sung JU. "Clinical Protocol. An Open-Label, Phase I, Single Administration, Dose-Escalation Study of ADGVPEDF.11D (ADPEDF) in Neovascular Age-Related Macular Degeneration (AMD)." *Human Gene Therapy*. 2001; 12: 2029-2032.
12. **Nguyen QD**, Kruger EF, Kim AJ, Lashkari MH, Lashkari K. "Combat Eye Trauma: Intraocular Foreign Body during the Iran-Iraq War 1980-1988." *International Ophthalmology Clinics*. 2002; 42: 167-177.
13. Papaliadis GN, **Nguyen QD**, Samson CM, Foster CS. "Intraocular Lens Tolerance in Surgery for Cataracta Complicata: Assessment of Four Implant Materials." *Seminars in Ophthalmology*. 2002; 17: 120-123.
14. **Nguyen QD**, Do DV, Feke GT, Demirjian ZN, Lashkari K. "Heparin-Induced Antiheparin-Platelet Antibody Associated with Retinal Venous Thrombosis." *Ophthalmology*. 2003; 100: 600-603.
15. EyeTech Study Group. "Anti-Vascular Endothelial Growth Factor Therapy for Subfoveal Choroidal Neovascularization Secondary to Age-Related Macular Degeneration: Phase II Study Results." *Ophthalmology*. 2003; 110: 879-881. (Dr. Nguyen was an investigator in the EyeTech Study Group).
16. Kramer HJ, **Nguyen QD**, Curhan G, Hsu CY. "Renal Insufficiency in the Absence of Albuminuria and Retinopathy Among Adults with Type 2 Diabetes Mellitus." *JAMA*. 2003; 289: 3273-3277.

17. Early Treatment for Retinopathy of Prematurity Cooperative Group. "Revised Indications for the Treatment of Retinopathy of Prematurity: Results of the Early Treatment for Retinopathy of Prematurity Randomized Trial." *Archives of Ophthalmology*. 2003; 121: 1684-1694. (Dr. Nguyen was an investigator in the ET-ROP Cooperative Group).
18. **Nguyen QD**, Shah SM, Van Anden E, Sung JU, Vitale S, Campochiaro PA. "Supplemental Oxygen Improves Diabetic Macular Edema: A Pilot Study." *Investigative Ophthalmology and Visual Science*. 2004; 45: 617-624.
19. Campochiaro PA and the C99-PKC412-003 Study Group. "Reduction of Diabetic Macular Edema by Oral Administration of the Kinase Inhibitor PKC 412." *Investigative Ophthalmology and Visual Science*. 2004; 45: 922-931. (Dr. Nguyen was a member of the PKC412 Study Group).
20. Do DV, Shah SM, Sung JU, Haller JA, **Nguyen QD**. Persistent Diabetic Macular Edema is Associated with Elevated Hemoglobin A1C. *American Journal of Ophthalmology*. 2005;139: 620-623.
21. Thorne JE, Jabs DA, Qazi FA, **Nguyen QD**, Kempen JH, Dunn JP. Mycophenolate Mofetil Therapy for Inflammatory Eye Disease. *Ophthalmology*. 2005; 112: 1472-1477.
22. The Standardization of Uveitis Nomenclature (SUN) Working Group (Dr. Nguyen is a member of the SUN Working Group). Standardization of Uveitis Nomenclature for Reporting Clinical Data. Results of the First International Workshop. *American Journal of Ophthalmology*. 2005; 140: 509-516.
23. Campochiaro PA, **Nguyen QD**, Shah SM, Klein ML, Holz E, Frank RN, Saperstein DA, Gupta A, Stout JT, Macko J, DiBartolomeo R, Wei LL. Adenoviral Vector-Delivered Pigment Epithelium-Derived Factor for Neovascular Age-Related Macular Degeneration: Results of a Phase 1 Clinical Trial. *Human Gene Therapy*. 2006; 17: 167-176.
24. Do DV, **Nguyen QD**, Bressler NM, Schachat AP, Solomon SD, Melia M, Bressler SB. Hemoglobin A1c Awareness among Patients Receiving Eye Care at a Tertiary Ophthalmic Center. *American Journal of Ophthalmology*. 2006; 141: 951-953.
25. **Nguyen QD**, Shah SM, Hafiz G, Quinlan E, Sung JU, Chu K, Cedarbaum J, Campochiaro PA, and the CLEAR Investigators. A Phase 1 Trial of Intravenously Administered VEGF Trap for Treatment in Patients with Choroidal Neovascularization due to Age-Related Macular Degeneration. *Ophthalmology*. 2006; 113: 1522-1530.

26. **Nguyen QD**, Tatlipinar S, Shah SM, Haller JA, Quinlan E, Sung JU, Zimmer-Galler I, Do DV, Campochiaro PA. Vascular Endothelial Growth Factor is a Critical Stimulus for Diabetic Macular Edema. *American Journal of Ophthalmology*. 2006; 142: 961-969.
27. Shah SM, Tatlipinar S, Quinlan E, Sung JU, Tabandeh H, **Nguyen QD**, Zimmer-Galler I, Symmons RCA, Campochiaro PA. Dynamic and Quantitative Analysis of Choroidal Neovascularization by Fluorescein Angiography. *Investigative Ophthalmology and Visual Science*. 2006; 47: 5460-5468.
28. Diabetic Retinopathy Clinical Research Network, Browning DJ, Glassman AR, Aiello LP, Beck RW, Brown DM, Fong DS, Bressler NM, Danis RP, Kinyoun JL, **Nguyen QD**, Bhavsar AR, Gottlieb J, Pieramici DJ, Rauser ME, Apte RS, Lim JI, Miskala PH. Relationship between Optical Coherence Tomography-Measured Central Retinal Thickness and Visual Acuity in Diabetic Macular Edema. *Ophthalmology*. 2007; 114: 525-536.
29. Tatlipinar S, Shah SM, Campochiaro PA, **Nguyen QD**. Intraobserver Repeatability of Automated versus Adjusted Optical Coherence Tomography Measurements in Patients with Neovascular Age-Related Macular Degeneration. *Ophthalmologica*. 2007; 221: 227-232.
30. Gerstenblith A, Thorne JE, Sobrin L, Do DV, Shah SM, Jabs DA, Foster CS, **Nguyen QD**. Punctate Inner Choroidopathy: Survey Analysis of 77 Persons. *Ophthalmology*. 2007; 114: 1201-1204.
31. Do DV, Cho M, **Nguyen QD**, Shah SM, Handa JT, Campochiaro PA, Zimmer-Galler I, Sung JU, Haller JA. Impact of Optical Coherence Tomography on Surgical Decision Making for Epiretinal Membranes and Vitreomacular Traction. *Transaction of the American Ophthalmological Society*. 2007;104: 161-6.
32. **Nguyen QD**, Shah SM, Hafiz G, Do DV, Haller JA, Pili R, Zimmer-Galler I, Janjua K, Symons RCA, Campochiaro PA. Intravenous bevacizumab causes regression of Choroidal Neovascularization Secondary to Diseases other than Age-Related Macular Degeneration. *American Journal of Ophthalmology* 2008; 145(2): 257-266.
33. Campochiaro PA, Hafiz G, Shah SM, **Nguyen QD**, Ying H, Do DV, Quinlan E, Zimmer-Galler I, Haller JA, Solomon SD, Sung JU, Hadi Y, Janjua KA, Jawed N, Choy DF, Arron JR. Ranibizumab for macular edema due to Retinal Vein Occlusions: Implication of VEGF as a Critical Stimulator. *Molecular Therapy* 2008; 16(4):791-799.
34. Ramella-Roman J, Mathews SA, Kandimalla H, Nabili A, Duncan DD, D'Anna SA, Shah SM, **Nguyen QD**. Measurement of oxygen saturation in the retina with a

- spectroscopic sensitive multi aperture camera. *Optics Express* 2008; 16 (9): 6170-6182.
35. Chen JK, Khurana RN, **Nguyen QD**, Do DV. The incidence of endophthalmitis following transconjunctival sutureless 25- versus 20-gauge vitrectomy. *Eye* 2008; June 6.
  36. Lim LL, Scarborough JD, Thorne JE, Graham E, Kempen JH, Mackensen F, **Nguyen QD**, Prabripataloong T, Read RW, Suhler EB, Schwartz JM, Smith JR. Uveitis in patients with autoimmune hepatitis. *Am J Ophthalmol.* 2009; Feb;147:332-338.
  37. Do DV, **Nguyen QD**, Shah SM, Browning DJ, Haller JA, Chu K, Yang K, Cedarbaum JM, Vitti RL, Ingerman A, Campochiaro PA. An exploratory study of the safety, tolerability and bioactivity of a single intravitreal injection of vascular endothelial growth factor Trap-Eye in patients with diabetic macular oedema. *Br J Ophthalmol.* 2009; Feb;93:144-9.
  38. Paganelli F, Cardillo JA, Melo LA, Lucena DR, Silva AA, Oliveira AG, Hofling-Lima A, **Nguyen QD**, Kuppermann B, Belfort R, Costa R, Lavinsky D, Skaf M, Lima-Filho AA. A Single Intraoperative Sub-Tenons Capsule Injection of Triamcinolone and Ciprofloxacin in a Controlled-Release System for Cataract Surgery. *Invest Ophthalmol Vis Sci.* 2009 Feb 21.

#### **EXTRAMURAL FUNDING (Previous, Current, and Pending)**

Dates: September 1, 2001 to August 31, 2006

Title: Supplemental Inspired Oxygen for Hypoxia-Related Retinal Diseases

Identification: EY 13552-01

Sponsor: National Eye Institute, National Institutes of Health

Role: Principal Investigator

Percent effort: 90%

Notes: This grant was funded as a K23 Career Development Award.

Dates: September 1, 2003 to August 30, 2005

Title: An Open Label, Pilot (Phase I/II), Dose Escalation Safety and Tolerability Study of Combretastatin A4 Phosphate in Patients with Neovascular Age-Related Macular Degeneration

Identification: Young Investigator Award

Sponsor: Foundation Fighting Blindness, Inc.

Role: Principal Investigator

Percent effort: 10%

Dates: September 1, 2005 to August 30, 2006

Title: A Pilot, Open-Label, Dose-Escalation Study of the Safety, Tolerability, and Efficacy of Multiple Intravitreal Injections of Ranibizumab in Subjects with Macular Edema Secondary to Diabetes Mellitus

Identification: Innovative Grant Award

Sponsor: Juvenile Diabetes Research Foundation, Inc.

Role: Principal Investigator

Percent effort: 5%

Dates: January 2, 2007 to January 1, 2010

Title: **Ranibizumab for Edema of the mAcula in Diabetes: A Phase 2 Multi-Center Randomized Controlled Study – The READ 2 Study**

Identification: Clinical Research Grant Award

Sponsor: Juvenile Diabetes Research Foundation, Inc.

Role: Study Chairman and Chair of the Executive Committee

Percent effort: 45%

Notes: The READ 2 study design is based on the results from the phase 1 study that was also supported by JDRF through the Innovative Grant Award. There are 16 centers across the United States that participate in the READ 2 study.

Dates: March 1, 2008 to February 28, 2011

Title: Novel Assessment of Early Changes in Diabetic Retinopathy

Identification: 1RO1EY017577-01

Sponsor: National Eye Institute, National Institutes of Health

Role: Principal Investigator

Percent effort: 15% for year 1, 25% for years 2 and 3

**Notes: The study is a collaboration among the clinician scientists, physicists, and engineers at Johns Hopkins University, Catholic University of America, and the Oregon Health and Science University.**

## EDUCATIONAL ACTIVITIES

### EDUCATIONAL PUBLICATIONS

#### *Invited Peer-Reviewed Review Articles*

1. **Nguyen QD**, Foster CS. “Cicatrical Pemphigoid: Diagnosis and Treatment.” *International Ophthalmology Clinics*. Winter 1996; 36 (1): 41-60.
2. **Nguyen QD**, Foster CS. “Systemic Lupus Erythematosus and the Eye.” *International Ophthalmology Clinics*. Winter 1998; 38 (1): 33-60.
3. **Nguyen QD**, Foster CS. “Saving the Vision of Children with Juvenile Rheumatoid Arthritis-Associated Uveitis.” *JAMA*. 1998; 280: 1133-1136.

4. **Nguyen QD**, Foster CS. "Scleral Homograft in the Management of Necrotizing Scleritis." *International Ophthalmology Clinics*. Winter 1999; 39: 109-131.
5. **Nguyen QD**, Tawansy K, Hirose T. "Recent Advances in Retinopathy of Prematurity." *International Ophthalmology Clinics*. Fall 2001; 41: 129-151.
6. Kruger EF, **Nguyen QD**, Ramos-Lopez M, Lashkari K. "Proliferative Vitreoretinopathy after Trauma." *International Ophthalmology Clinics*. 2002; 42: 129-143.
7. **Nguyen QD**, Do DV. "Retinal Vasculitis: Current Concepts in Diagnosis and Management." *Contemporary Ophthalmology*. 2002; 1 (12): 1-16.
8. **Nguyen QD**, Do DV. "Diabetic Retinopathy: An Overview for Non-Ophthalmologists." *Advanced Studies in Medicine*. 2003; 3: 214-222.
9. **Nguyen QD**, Callanan D, Dugel P, Godfrey DG, Goldstein DA, Wilensky JT. Treating Chronic Noninfectious Posterior Segment Uveitis: the Impact of Cumulative Damage – Proceedings of an Expert Panel Roundtable Discussion. *Retina*. 2006; October: Supplement 1-16.
10. Brumm M, **Nguyen QD**. Fluocinolone Acetonide Intravitreal Sustained Release Device - A New Addition to the Armamentarium of Uveitic Management. *International Journal of Nanomedicine*. 2007; 2: 55-64.

#### *Editorials*

Pan RJD and **Nguyen QD**. "Preparing for Practice in the New Health Care System." *JAMA*. 1996; 276 (9): 666.

#### *Peer-Reviewed Case Reports*

1. Uy HS, **Nguyen QD**, Durand ML, Paton B, Foster CS. "Infectious Crystalline Keratopathy and Endophthalmitis Secondary to *Mycobacterium abscessus* in a Monocular Patient with Stevens-Johnson Syndrome." *American Journal of Ophthalmology*. 1999; 127: 209-210.
2. Do DV, Rismondo V, **Nguyen QD**. "Reversible Cortical Blindness in Preeclampsia." *American Journal of Ophthalmology*. 2002; 134: 916-918.
3. Margalit E, Sung JU, Do DV, Yohay K, **Nguyen QD**. "Panuveitis in Association with Pseudotumor Cerebri." *Journal of Child Neurology*. 2005; 20: 234-236.

4. **Nguyen QD**, Shah SM, Tatlipinar S, Do DV, Van Anden E, Campochiaro PA. Bevacizumab Suppresses Choroidal Neovascularization Due to Pathologic Myopia. *British Journal of Ophthalmology*. 2005; 89: 1368-1370.
5. Tatlipinar S, Shah SM, **Nguyen QD**. OCT Features of Sub-Internal Limiting Membrane Hemorrhage and Preretinal Membrane in Valsalva Retinopathy. *Canadian Journal of Ophthalmology*. 2007; 42: 129-130.
6. Pérez-Alvarez MJ, González-Guijarro J, Adán-Civera A, Moreno-López M, Williams DF, **Nguyen QD**. Diagnostic and Therapeutic Challenges: Retinitis. *Retina*. 2007; 27: 509-513.
7. Patel S, Petrarca R, Shah SM, Zimmer-Galler I, Do DV, **Nguyen QD**. Atypical Bartonella hensalae Chorioretinitis in an Immunocompromised Patient. *Ocular Immunology and Inflammation*. 2008; 16(1): 45-49.
8. Park SS, Holz HA, Ravage ZB, Merrill PT, **Nguyen QD**. Diagnostic and Therapeutic Challenges: Chorioretinitis and Panuveitis. *Retina*. 2008; 27: 660-664.
9. Marcus EI, Do DV, Shah SM, Biswas J, Levinson R, **Nguyen QD**. Diagnostic and Therapeutic Challenges: Granulomatous Panuveitis. *Retina*. 2008; 28: 1544-1549.
10. Patel S, Petrarca R, Shah SM, Zimmer-Galler I, Do DV, **Nguyen QD**. Atypical Bartonella hensalae Chorioretinitis in an Immunocompromised Patient. *Ocular Immunology and Inflammation*. 2008; 16(1): 45-49.
11. Park SS, Holz HA, Ravage ZB, Merrill PT, **Nguyen QD**. Diagnostic and Therapeutic Challenges: Chorioretinitis and Panuveitis. *Retina*. 2008; 27: 660-664.
12. Marcus EI, Do DV, Shah SM, Biswas J, Levinson R, **Nguyen QD**. Diagnostic and Therapeutic Challenges: Granulomatous Panuveitis. *Retina*. 2008; 28: 1544-1549.

#### *Letters and Correspondence*

1. **Nguyen QD**, Shah SM, Campochiaro PA. Oxygen and Diabetic Retinopathy. *Investigative Ophthalmology and Visual Science Online*, January, 2005.
2. Do DV, **Nguyen QD**. Reply Letter Regarding Persistent Diabetic Macular Edema is Associated with Elevated Hemoglobin A1C. *American Journal of Ophthalmology*; 140: 961, 2005.

#### *Book Chapters*

1. **Nguyen QD.** “Youth from Every Quarter” in *Transitions, Exeter Remembered, 1961-1987*. B Eggers, P Greer, C Robinson, and D Weber, Editors. Phillips Exeter Academy Press, Exeter, New Hampshire, 1990.
2. Foster CS and **Nguyen QD.** “Adamantiades-Behcet’s Disease” in *Principles and Practice of Ophthalmology, Second Edition*. DM Albert and FA Jakobiec, Editors. W.B. Saunders, Philadelphia, Pennsylvania 1999.
3. **Nguyen QD** and Foster CS. “Tectonic Procedures” in *Ophthalmic Surgery: Principles and Techniques*. DM Albert, Editor. Blackwell Science, Malden, Massachusetts, 1999.
4. **Nguyen QD** and Foster CS. “The Red Eye” in *Pediatric Ophthalmology*. PF Gallin, Editor. Thieme, New York, New York, 2000.
5. Jabs DA and **Nguyen QD.** “Sarcoidosis” in *Retina*, Third Edition. SJ Ryan, Editor. C.V. Mosby, St. Louis, Missouri, 2000.
6. Jabs DA and **Nguyen QD.** “Toxoplasmosis” in *Retina*, Third Edition. SJ Ryan, Editor. C.V. Mosby, St. Louis, Missouri, 2000.
7. **Nguyen QD.** “Traumatic Uveitis” in *Diagnosis and Treatment of Uveitis*. CS Foster and A Vitale, Editors. W.B. Saunders, Philadelphia, Pennsylvania, 2002.
8. **Nguyen QD, Do DV.** “Areas of Fundus Whitening: Geographic Whitening” in *Clinical Pathways in Vitreoretinal Disease*. ME Hartnett and S Steidl, Editors. Thieme Medical Publishers, New York, New York, 2003.
9. **Nguyen QD.** “Pathology and Pathogenesis of Scleritis and Sclerokeratitis” in *The Sclera and Systemic Disorders*. PG Watson, BL Hazleman, CE Pavesio, WR Green, Editors. Butterworth and Heineman, London, 2004. (Dr. Nguyen was one of the 6 contributors to the textbook).
10. **Nguyen QD.** “Scleritis in Relation to Connective Tissue Disorders” in *The Sclera and Systemic Disorders*. Second Edition. PG Watson, BL Hazleman, CE Pavesio, WR Green, Editors. Butterworth and Heineman, London, 2004. (Dr. Nguyen was one of the 6 contributors to the textbook).
11. **Nguyen QD.** “Tectonic Procedures” in *Clinical Atlas of Procedures in Ophthalmic Surgery*. DM Albert and M Lucarelli, Editors. AMA Press, Chicago, Illinois, 2004.
12. **Nguyen QD** and Do DV. “Uveitis Associated with Juvenile Idiopathic Arthritis” in *Current Ocular Therapy, Sixth Edition*. Roy and Fraunfelder, Editors. Elsevier, Ltd., United Kingdom, 2007.

13. Do DV, **Nguyen QD**, Shah MS, Haller JA. “Ranibizuman for the Treatment of Diabetic Macular Edema” in *Retinal Vascular Diseases*, 1<sup>st</sup> Edition. Joussem, Editor. Elsevier, Ltd. United Kingdom, 2008 (in press).
14. Do DV, **Nguyen QD**, Haller JA. “Retinal Arterial Macroaneurysms” in *Principles and Practice of Ophthalmology*, 3<sup>rd</sup> Edition. Albert and Miller, Editors. Elsevier, Ltd. United Kingdom, 2008 (in press)

### *Books*

**Nguyen QD**, Rodrigues EB, Farah M, Mieler W, Editors. *Retinal Pharmacotherapy* (a new book to be published by Elsevier, Inc., in 2009).

## **TEACHING**

### **Classroom Instruction**

#### Lecture Titles

##### 1. *Basic Eye Exam*

The lecture (90 minutes in length) is given 6 times a year at the Wilmer Eye Institute, as part of the Introduction to Ophthalmology Clerkship for medical students (mainly second and third year students).

Role: Principal Instructor

##### 2. *Diagnosis and Management of Retinal Detachment*

The lecture (120 minutes in length), which is delivered as a seminar with maximum participation from the students, is given 4-5 times a year at the Wilmer Eye Institute, as part of the Advanced Clerkship in Ophthalmology for medical students (mainly third and fourth year students).

Role: Principal Instructor

##### 3. *Diagnosis and Management of Retinal Vasculitis*

The lecture (60 minutes in length) is given annually to the residents at the Wilmer Eye Institute as part of the lecture series in diseases of the retina and vitreous. Residents from all years attend the lecture.

Role: Principal Instructor

### **Clinical Instruction**

1. Teaching of Fellows Trained in Medical and Surgical Diseases of the Retina and Vitreous, Retina Division, Wilmer Eye Institute

*Supervising and teaching fellows three times a week when they rotate with me in my clinics and participate with me in surgery.*

2. Teaching of Residents in Ophthalmology on Diseases of the Retina and Vitreous, and Uveitis, Wilmer Eye Institute

*Teaching residents weekly when they rotate with me in my clinics and participate with me in surgery.*

## **MENTORING**

### Mentoring of Johns Hopkins University Medical Students

*Serving as faculty mentor to medical students who are interested in pursuing a career in ophthalmology. In this capacity, I work very closely with the students to advise them on their courses, on their residency application process, as well as to provide them with opportunities for research activities. I have had the opportunity to mentor several medical students during the past several years.*

#### Advisees/Mentees

<b>Date</b>	<b>Name</b>	<b>Degree</b>	<b>Present Position</b>
2005-2006	Amir Kashani	MD	First Year Resident in Ophthalmology
2006-2007	Adam Gerstenblith	MD	Intern in Internal Medicine
2006-2007	Matthew Brumm	MD	Intern in Internal Medicine
2006-2008	Peter Campbell	BS	MD/MPH Student
2008-	Jordan Ambrose	BS	Medical Student

#### Detailed Information about Advisees/Mentees

**Amir Kashani, MD**, Johns Hopkins School of Medicine Class of 2006. Dr. Kashani finished his internship in Medicine at Johns Hopkins Hospital and has begun his residency in Ophthalmology at the Doheny Eye Institute of the University of Southern California in July 2007. During his time with me, Dr. Kashani worked on a project looking at the retinal thickness of patients with diabetes but without diabetic retinopathy. He won a Travel Grant Award from the Association for Research in Vision and Ophthalmology (ARVO) to present his research at the 2006 ARVO Meeting. Dr. Kashani has recently presented part of the research project at the 2007 Meeting of the American Society of Retina Specialists and is currently working on the manuscript of the research work.

**Adam Gerstenblith, BS**, Johns Hopkins School of Medicine Class of 2007. Adam has been working with me on a research project involving patients with punctate inner choroidopathy (PIC). He won a Travel Grant Award from the Association for Research in Vision and Ophthalmology (ARVO) to present his research at the 2006 ARVO Meeting. The manuscript reflecting his research work is currently *in press* for publication in

*Ophthalmology*. Adam has matched in ophthalmology and will begin his residency at Wills Eye Hospital in July 2008.

**Matthew Brumm, BS**, Johns Hopkins School of Medicine Class of 2007. Matthew has been working with me on a research project involving the role of hypoxia in retinal diseases. He has also completed a manuscript with me on the role of sustained release device in the management of posterior uveitis, which has been accepted for publication in the *International Journal of Nanomedicine*. In addition, Matt is working with me on a manuscript on the management of neovascular age-related macular degeneration for the *Focal Points* series for the American Academy of Ophthalmology. Matthew has matched in ophthalmology and will begin his residency at the University of Michigan Kellogg Eye Center in July 2008.

**Peter Campbell, BS**, Johns Hopkins School of Medicine Class of 2008. Mr. Campbell has finished all his requirements for the School of Medicine, and will spend a year doing research with me while attending the Johns Hopkins Bloomberg School of Public Health. Peter has been working with me as well as with Dr. Harry Quigley, Professor of Ophthalmology and Director of the Glaucoma Division at the Wilmer Eye Institute, during the last several months in designing a research project to investigate the effects of repeat VEGF inhibitors, given as therapeutic intervention, on structures and functions of retinal ganglion cells and optic nerves in patients with neovascular age-related macular degeneration. Peter is currently doing his internship in Internal Medicine at Johns Hopkins Hospital and will begin his residency in Ophthalmology at the Wilmer Eye Institute in July of 2009.

**Jordan Ambrose, BS**, University of Maryland School of Medicine Class of 2012. Jordan finished her undergraduate studies at Pennsylvania State University with highest honors and distinction in her major. She was highly recommended by my colleagues at Penn State to begin her research experience with me while she is studying at the University of Maryland. Since May of 2008, Jordan has been working with me to design additional studies to evaluate disease progression and management of patients with punctate inner choroidopathy (PIC).

#### **EDUCATIONAL PROGRAM BUILDING AND LEADERSHIP**

I have completed the following professional development seminars sponsored by the Office of Faculty Development of Johns Hopkins University in an effort to improve my leadership skills and abilities, which I believe will be beneficial for my academic career as well as for my interaction and collaboration with colleagues and staff members.

1. Hiring Staff: Tips and Tools for Faculty (April 26, 2007)
2. Speak Like a Pro (May 10, 2007)

#### **CLINICAL ACTIVITIES**

**MEDICAL LICENSURE**

1994	National Board of Medical Examiners
1997	Massachusetts Medical License number 153489
1997	United States DEA License number BN 5327487
1998	District of Columbia Medical License number MD 30860
1998	Maryland Medical License number D 0053275
1998	Virginia Medical License number 0101057360
2002	Diplomate of the American Board of Ophthalmology

**CLINICAL RESEARCH ACTIVITIES: PARTICIPATION IN CLINICAL TRIALS**

1. Principal Investigator Supplemental Inspired Oxygen for Hypoxia-Mediated Retinal Diseases  
*Sponsored by the National Eye Institute* 2001-2006
2. Co-Investigator A Phase 2 Randomized, Multicenter Controlled Trial of Octreotide Acetate (Sandostatin LAR) in the Treatment of Diabetic Retinopathy  
*Sponsored by Novartis, Inc.* 2001-2003
3. Co-Investigator A Multicenter, Randomized, Double-Masked, Placebo-Controlled Parallel-Group Dose Finding Phase II Study of PKC412 (50, 100, 150 mg/day) in Patients with Diabetic Macular Edema  
*Sponsored by CIBA Vision/Novartis, Inc.* 2001-2004
4. Co-Investigator A Phase 2/3 Randomized, Double Masked Controlled, Multi-Center Comparative Trial to Establish the Safety and Efficacy of Intravitreal EYE001 (Anti-VEGF Pegylated Aptamer) in Patients with Exudative Age-Related Macular Degeneration  
*Sponsored by EyeTech, Inc.* 2002-2004
5. Co-Investigator A Phase 2 Randomized, Multicenter, Dose-Ranging, Controlled, Parallel-Group Trial to Assess the Safety and Efficacy of Dexamethasone Posterior Drug Delivery System (DEX PS DDS) in the Treatment of Persistent Macular Edema  
*Sponsored by Oculex Pharmaceuticals, Inc.* 2002-2003

6. Co-Investigator Early Treatment for Retinopathy of Prematurity  
*Sponsored by the National Eye Institute* 2002-2004
7. Co-Investigator GV-003.001 An Open-Label, Phase I, Single Administration, Dose-Escalation Study of Ad<sub>GV</sub> PEDF.11D in Neovascular Age-Related Macular Degeneration  
*Sponsored by GenVec, Inc.* 2002-2006
8. Principal Investigator An Open Label, Pilot (Phase I/II), Dose-Escalation Safety and Tolerability Study of Combretastatin A4 Phosphate in Patients with Neovascular Age-Related Macular Degeneration  
*Sponsored by Foundation Fighting Blindness, Inc.* 2003-2005
9. Co-Investigator A Phase III, Multicenter, Randomized, Double-Masked, Sham Injection-Controlled Study of the Efficacy and Safety of rhuFab V2 (Ranibizumab) in Subjects with Minimally Classic or Occult Subfoveal Neovascular Age-Related Macular Degeneration  
*Sponsored by Genentech, Inc. & Novartis AG* 2003-2006
10. Principal Investigator An Exploratory Study of the Safety, Tolerability, and Biological Activity of Intravenously Administered VEGF Trap in Patients with Neovascular Age-Related Macular Degeneration  
*Sponsored by Regeneron, Inc.* 2004-2006
11. Principal Investigator The Standard Care versus Corticosteroid for Retinal Vein Occlusion (SCORE) Study  
*Sponsored by the National Eye Institute* 2004-
12. Principal Investigator An Exploratory Study of the Safety, Tolerability, and Biological Activity of Intravenously Administered VEGF Trap in Patients with Diabetic Macular Edema  
*Sponsored by Regeneron, Inc.* 2004-2006
13. Principal Investigator A Pilot, Open-Label, Dose-Escalation Study of the Safety, Tolerability, and Efficacy of Multiple Intravitreal Injections of 2004-2006

Ranibizumab in Subjects with Macular  
Edema Secondary to Diabetes Mellitus  
*Sponsored by Juvenile Diabetes Research Foundation*

14. Principal Investigator A Randomized, Double-Masked, Parallel 2005-2006  
Group Multicenter, Dose Ranging Pilot Study of Denufosol  
Tetrasodium (INS37217) Intravitreal Injection in  
Subjects with Uveitis Associated Cystoid Macular Edema  
*Sponsored by Inspire Pharmaceuticals, Inc.*
  
15. Principal Investigator An Exploratory Study of the Safety, 2005-  
Tolerability, and Biological Effect of  
Intravitreal Administration of VEGF Trap in  
Patients with Neovascular Age-Related  
Macular Degeneration  
*Sponsored by Regeneron, Inc.*
  
16. Principal Investigator Intravenous Bevacizumab for Choroidal 2005-2007  
Neovascularization not Secondary to Age-  
Related Macular Degeneration  
*Sponsored by Retina Research Fund*
  
17. Co-Investigator A Randomized, Double-Masked, Parallel 2006-  
Group, Multi-Center, Dose-Finding Comparison  
of the Safety and Efficacy of ASI-001A 0.5 µg/day  
and ASI-001B 0.2 µg/day Fluocinolone Acetonide  
Intravitreal Inserts to Sham Injection in Subjects with  
Diabetic Macular Edema  
*Sponsored by Alimera, Inc.*
  
18. Co-Investigator A 3-Year, Phase 3, Multicenter, Masked, 2006-  
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  
*Sponsored by Allergan, Inc.*
  
19. Co-Investigator A Randomized, Open-Label Study of the 2006-  
Safety, Tolerability, and Bioactivity of Intravitreal  
Ranibizumab in Subjects with Macular Edema Secondary  
to Retinal Vein Occlusions  
*Sponsored by Genentech, Inc.*
  
20. Co-Investigator A Multi-Center, Randomized, Double- 2006-  
Masked, Placebo Controlled, Sequential Dose

Response Study of Intravitreally Administered Plasmin for the Creation of a Posterior Vitreous Detachment (PVD)  
*Sponsored by Bausch and Lomb, Inc.*

21. Co-Investigator A Randomized, Double-Masked, Multi-Center Phase I/II study of the Safety of PTK787 Administered in Conjunction with Photodynamic Therapy with Visudyne<sup>®</sup> to Patients with Predominantly Classic, Minimally Classic or Occult with no Classic Subfoveal Choroidal Neovascularization Secondary to Age-Related Macular Degeneration  
*Sponsored by Novartis, Inc.*
22. Co-Investigator A Multi-Center, Randomized Trial of Lutein, Zeaxanthin, and Omega-3 Fatty Acids in Age-Related Macular Degeneration  
*Sponsored by the National Eye Institute*
23. Co-Investigator Phase 2 Study of the Safety and Bioactivity of Topical Ocular Mecamylamine for the Treatment of Diabetic Macular Edema  
*Sponsored by the Juvenile Diabetes Research Foundation and Comentis, Inc.*
24. Principal Investigator A Double-Masked, Placebo-Controlled, Parallel-Group, Multi-Center, Dose-Ranging Study to Assess the Efficacy and safety of LX-211 as Therapy in Subjects with Active Sight Threatening Non-Infectious Anterior Uveitis; Clinically Quiescent Sight Threatening, Non-Infectious Intermediate-, Anterior and Intermediate-, Posterior-, or Pan-Uveitis; or Active Sight Threatening, Non-Infectious Anterior Uveitis  
*Sponsored by Lux Biosciences, Inc.*
25. Principal Investigator A Randomized, Double Masked, Active Controlled Phase III Study of the Efficacy, Safety, and Tolerability of Repeated Doses of Intravitreal VEGF Trap in Subjects with Neovascular Age-Related Macular Degeneration  
*Sponsored by Regeneron Pharmaceuticals, Inc.*
26. Principal Investigator A Phase 1 Open-Label, Dose Escalation Trial of REDD14NP in Patients with Choroidal Neovascularization Secondary to Exudative Macular Degeneration  
*Sponsored by Pfizer, Inc.*

27. Principal Investigator An Open-Label Study to Assess the Effect of Two Doses of AIN457 in Patients with Non-Infectious Uveitis 2008-  
*Sponsored by Novartis, Inc.*

## ORGANIZATIONAL ACTIVITIES

### INSTITUTIONAL ADMINISTRATIVE APPOINTMENTS

#### **Johns Hopkins University School of Medicine**

- 2003-2005 Member, JH SOM Medical School Council Committee on Advancement of Junior Faculty – *chaired by Patricia Thomas, MD, Associate Dean for Curriculum.* This Committee worked with chairs of clinical departments to determine the mechanisms and infrastructure available in each department to help the mentoring and promotion of Assistant Professorship to Associate Professorship.
- 2003- Member, Admissions Committee for the School of Medicine – *chaired by James Weiss, MD, Professor of Medicine and Associate Dean for Admission.* This Committee interviews student applicants to JH School of Medicine (SOM) and meets in the Fall, Winter, and early Spring to select the best possible students for the medical school.
- 2006- Member, Educational Policy and Curriculum Committee (EPCC) – *chaired by David Nichols, MD, Vice Dean for Education.* This Committee is made up of leaders from core basic science courses and clinical clerkships. It oversees and governs the policy and conducts of courses and curriculum for all medical students. My role as a member of the EPCC Committee, with particular focus on Ophthalmology, requires 5% effort, which is provided by the SOM.
- 2006- Member, Student Assessment and Program Evaluation (SAPE) Committee – *chaired by Pamela Lipsett, MD, Professor of Surgery.* This Committee reviews and evaluates each core basic course and clinical clerkship in the SOM, based on reports and interviews with the course directors, chairperson of the department, as well as medical students. The SAPE makes recommendations for improvements to the Vice Dean for Education and course directors. My role as a member of the SAPE Committee requires 5% effort, which is provided by the SOM.
- 2006- Co-Chair, Subcommittee on Rewards and Compensation for

Teaching Activities, the Abeloff Committee on Educational Value and Rewards – *chaired by the late Martin Abeloff, MD, Professor of Medicine and Joseph Cofrancesco, MD, Associate Professor of Medicine, and overseen by Janice Clement, PhD, Vice Dean for Faculty and Edward Miller, MD, Dean of the School of Medicine.* This Committee is charged by Dean Miller to document and evaluate faculty education efforts and to determine the most appropriate mechanism to compensate for such effort, adhering to the principles set forth by the School of Medicine.

## **OTHER ADMINISTRATIVE APPOINTMENTS**

### **American Academy of Ophthalmology**

- 2003-2005 Chair, Uveitis Section, Self-Assessment Committee (in charge of developing a program that will test and assess knowledge deemed necessary for maintenance of certification by the American Board of Ophthalmology)
- 2007- Member, COMPASS Committee on Uveitis and Ocular Inflammatory Diseases
- 2008- Member, Annual Meeting Program Committee - Retina/Vitreous

### **American Medical Association**

- 1994-1998 Massachusetts Delegate to the Resident Physicians Section
- 1995-1996 Resident Representative to the Surgical Caucus Executive Committee
- 1996-1998 Editorial Board of *JAMA*, the Journal of the American Medical Association

### **Association for Research in Vision and Ophthalmology**

- 2003-2006 Professional Development and Educational Committee

### **Harvard University, Mather House**

- 1995-1998 Tutor, Health Sciences Advisory Committee

### **Joseph Richey Hospice (Baltimore, Maryland)**

- 2002- Volunteering Attending Physician
- Joseph Richey Hospice is the only hospice in the United States that is staffed by physicians who donated their time *gratis*. As attending physician, I helped to admit and examine patients, and work with the staff to ensure that terminally-ill patients are provided with the best comfort and dignity during their last days of life.

### **Maryland Society for Sight**

- 2002- Member of the Board of Directors

### **Massachusetts Eye and Ear Infirmary**

- 1994-1998 Continuous Quality Improvement Committee
- 1997-1998 Fellowship Steering Committee

**Massachusetts Medical Society**

- 1994-1998 Member, Governing Council of the Resident Physicians Section  
 1995-1997 Editor-in-Chief, *Residents' Report*  
 1995-1997 Secretary, Governing Council of the Resident Physicians Section  
 1995-1998 Editorial Board of *Vital Signs*, the Publication of the MMS  
 1996-1997 Member, Tax-Supported Medical Care Committee  
 1997-1998 Member, Board of Trustees  
 1997-1998 Member, Finance Committee

**Vietnamese American Medical Association**

- 1998-2001 Vice President of the Executive Committee  
 Co-Chair, Membership Committee  
 2001-2004 General Secretary of the Board of Directors  
 Chair, Professor Pham Bieu Tam Award Selection Committee  
 2004-2007 President  
 2005 Chair of the Planning Committee and Program Director  
 Annual Meeting, September 22-25, Falls Church, Virginia  
 2007-2010 Re-elected as President

**Vietnamese Medical Association of the Free World**

- 2002-2005 General Secretary of the Executive Committee  
 2005-2008 President

**EDITORIAL ACTIVITIES****Editorial Board**

- 2007- Journal of Ocular Inflammation and Infection

**Scientific Peer Reviewer**

- 2001- American Journal of Ophthalmology  
 2001- Archives of Ophthalmology  
 2002- European Journal of Clinical Microbiology & Infectious Diseases  
 2002- Experimental Eye Research  
 2001- Investigative Ophthalmology and Visual Science  
 2001- Ocular Immunology and Inflammation  
 2003- Ophthalmic Epidemiology  
 2003- Ophthalmic Lasers & Surgery  
 2001- Ophthalmology  
 2004- Pediatric Blood and Cancer  
 2002- Vietnamese Medical Journal

**ADVISORY COMMITTEES, REVIEW GROUPS, AND STUDY SECTION****Food and Drug Administration, Office of Orphan Products Development**

- 2006- Grant Application Study Review Panel

### **Juvenile Diabetes Research Foundation International**

2006- Medical Science Review Committee

### **PROFESSIONAL SOCIETIES**

1987- Sigma Xi Honors Scientific Research Society  
 1990- Vietnamese Medical Association of the USA  
 1990- Association for Research in Vision and Ophthalmology  
 1993- Massachusetts Medical Society  
 1993- American Medical Association  
 1994- American Academy of Ophthalmology  
 1998- American Uveitis Society  
 2002- Association for Patient-Oriented Research  
 2002- International Ocular Inflammation Society  
 2003- American Federation for Medical Research  
 2003- American Society of Retina Specialists  
 2004- Macula Society  
 2005- Retina Society

### **CONFERENCE ORGANIZER**

#### **American Academy of Ophthalmology**

2002-2003 Creator of the Subspecialty Day in Uveitis and Ocular Inflammatory Diseases  
 2003 Program Director, the 2003 Inaugural Subspecialty Day in Uveitis and Ocular Inflammatory Diseases  
 2005 Program Director, the 2005 Subspecialty Day in Uveitis and Ocular Inflammatory Diseases  
 2006-2007 Instructor, AAO Course on “Current Concepts in the Management of AMD for the Comprehensive Ophthalmologists”  
 2008 Program Director, the 2008 Subspecialty Day in Uveitis and Ocular Inflammatory Diseases

#### **Association for Research in Vision and Ophthalmology**

2003 Organizer and Moderator, Special Interest Group (SIG)  
*Ocular Imaging of Macular Diseases*  
 2004 Organizer and Moderator, Special Interest Group (SIG)  
*Advances in Ocular Imaging of Macular Diseases*  
 2005 Organizer and Moderator, Special Interest Group (SIG)  
*Blockade of VEGF: Lessons from Early Clinical Experiences*  
 2006 Organizer and Moderator, Special Interest Group (SIG)  
*Novel Treatments and Assessments of Ocular Neovascularization and Macular Edema: Lessons from Early Clinical Experiences*  
 2007 Organizer and Moderator, Special Interest Group (SIG)  
*New Treatments and Assessments of Choroidal Neovascularization and Macular Edema*  
 2008 Organizer and Moderator, Special Interest Group (SIG)  
*New Approaches for Management of Retinal Vascular Diseases*

**Foster Ocular Immunology Society**

1998-present Chair of the Organizing and Scientific Committees  
FOIS Annual Scientific Meeting

**International Ocular Inflammation Society**

2007 Meeting of the International Ocular Inflammation Society  
Paris, France, September 16-20, 2007  
Organizer of Three Symposia on the Role of Inflammation in AMD,  
Glaucoma, Retinal Degeneration, and Diabetic Retinopathy

**Johns Hopkins University School of Medicine**

2008- Co-Director  
Annual Course, *Updates on Age-Related Macular Degeneration*

**CONSULTANTSHIPS**

2005- Bausch and Lomb, Inc.  
Member of the Uveitis and Retina Scientific Advisory Board

2006- Santen, Inc.  
Member of the Retina Scientific Advisory Board

2008- Sirion Therapeutics, Inc.  
Member of the Retina Scientific Advisory Board

2008- Genentech, Inc. (arrangements made through the Johns Hopkins  
Institutional Consultancy Agreement)  
Chair of the Diabetic Macular Edema Steering Committee  
Member of the LUCENTIS® Faculty

**COMMUNITY AND ALUMNI SERVICES**

1985-1989 Volunteer in the Emergency Ward, Yale-New Haven Hospital

1985-1989 Tutor in Chemistry for Students from New Haven public schools

1986-1989 Publisher and Chairman, *Yale Scientific* Publication, Inc.

1988-1989 Freshman Counselor, appointed by Yale College's Dean Office

1989-1993 Member, Schools Committee, which Interviews Applicants to Yale  
College, Yale Club of Philadelphia

1989-1990 Editor-in-Chief, *1990 Penn Med Guide to the First Year*

1989- Class Agent, Yale Alumni Fund

1990 Event Director and Chairman of the Finance Committee, Penn Med  
Special Olympics Adult Tournament

1990-1992 Volunteer, Recording for the Blind, Inc., Philadelphia Chapter

1990-1993 Member, Dean's Evaluations Committee, which evaluates members  
of the faculty in the School of Medicine for promotion

1990-1993	Member, Penn Medical School Admission Interview Panel
1991-1993	Vice President, Exeter Association of Philadelphia
1992-1993	Editor-in-Chief, <i>1993 Scope</i> , the Yearbook of Penn Medical School
1992-1993	President and Founding Member, Penn Med Asian American Society
1993-	President, Penn Medical School, Class of 1993 (elected at graduation)
1994-1997	Member, Lions Club, Boston-Brighton Chapter
1994-2001	Exeter Association of Boston
1994-2001	Member, Schools Committee, which interviews applicants to Yale College, Yale Club of Boston
2001-	Member, Schools Committee, which interviews applicants to Yale College, Yale Club of Maryland
2001-	Consultant for Ophthalmology, <i>Voice of America (VOA)</i> , Southeast Asian/Vietnamese Division
2002-	Lector, Cathedral of Mary Our Queen (Baltimore, Maryland)
2003-	Volunteer Attending Physician, Joseph Richey Hospice (Baltimore, Maryland)
2004-	President, Association of Yale Alumni of Maryland

## RECOGNITION

### HONORS AND AWARDS

1983-1985	Helen and Paul M. Wilkinson Memorial Academic Scholarship
1984	Tencher Prize for Best Effort in Studying the English Language
1985	Johns Parker Compton Memorial Award for High Scholarship and Leadership
1985	Phillips Exeter Academy Science Department Award for Future Scientist
1985	United States Presidential Academic Award
1985	Secondary School Diploma <i>Summa Cum Laude</i> , Highest Honors
1985-1989	Walter A. Marting Memorial Academic Scholarship
1987	Sigma Xi Scientific Society Summer Research Fellowship
1988	National Science Foundation Summer Research Fellowship
1988	Paul K. Richter Summer Fellowship for Independent Study
1989	<i>Magna Cum Laude</i> , Yale Chapter (Honors Combined Bachelor's/Master's Program)
1989-1993	University of Pennsylvania Medical Scholar
1990	National Institutes of Health Medical Summer Research Fellowship
1989-1991	Walter Lewis Croll Academic Scholarship
1991-1992	John R. Lavine Scholarship for High Academic Achievements
1993	Sandoz Award for Outstanding Community Services and Academic Achievements
1995	American Medical Association – Glaxo Achievement Award <i>Recognizing Tomorrow's Leaders Today</i>
1996	American Medical Association – Glaxo Wellcome Leadership Award
1998	Massachusetts Eye and Ear Infirmary Fellow of the Year Award

1998	Heed Ophthalmic Foundation Fellowship
1998	American Ophthalmological Society – Herman Knapp Fellowship
1999	National Institutes of Health – National Research Service Award
2001	Charles L. Schepens, M.D. Award for Excellence in Retina Research
2001-2006	Career Development Award (K23), National Eye Institute, National Institutes of Health
2002-2004	National Institutes of Health Loan Repayment Award
2003	American Federation for Medical Research Glaxo Smith Kline Scholar
2003	Foundation Fighting Blindness Research Award
2004-2006	National Institutes of Health Loan Repayment Award
2004	Juvenile Diabetes Research Foundation Innovative Award
2005	T. Rowe Price Fellowship for Epidemiologic Study
2006	American Academy of Ophthalmology Achievement Award
2007	American Society of Retina Specialists Honor Award
2007	American Academy of Ophthalmology Annual Meeting Best Abstract Award
2008-2011	National Institutes of Health/National Eye Institute RO1 Award
2008	American Society of Retina Specialist Senior Honor Award
2009	Research to Prevent Blindness Foundation Physician Scientist Award

#### INVITED LECTURES

1. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals, *Current Concepts in Ophthalmology*, Baltimore, Maryland, December 1998.  
“Scleral Patch Graft in the Management of Scleritis”
2. University of the Philippines, Philippines General Hospital, Manila, July 1999.  
Visiting Lecturer  
“Ocular Manifestations of AIDS”
3. The Third International Congress of the Vietnamese Medical Association of the Free World, Paris, France, August 2000.  
“Ocular Manifestations of Systemic Immunologic Diseases”
4. Annual Convention of the Vietnamese Medical Association of the USA, East Meadowlands, New Jersey, August 2001.  
“Preserving Vision through Advances in Technology: Where Have We Been ... Where Are We Going?”
5. Annual Updates on *What’s New in Diabetic Retinopathy and Venous Occlusive Disease*, The Wilmer Ophthalmological Institute, Johns Hopkins University, Baltimore, Maryland, October 2001.  
“Advances in the Treatment of Diabetic Macular Edema: Role of Oxygenation.”

6. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals, *Current Concepts in Ophthalmology*, Baltimore, Maryland, December 2001.  
“Supplemental Inspired Oxygen for Hypoxia-Mediated Retinal Diseases: A Pilot Study.”
7. 2002 Annual Diabetes Conference, Johns Hopkins Bayview Medical Center, Baltimore, Maryland, April 2002.  
“Diabetic Eye Diseases and the Role of Nutritional Control.”
8. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals, *Ophthalmology for the Medical Practitioner*, Baltimore, Maryland, October 2002.  
“Diabetes Eye Diseases.”
9. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals, *Current Concepts in Ophthalmology*, Baltimore, Maryland, December 2002.  
“Current Concepts in the Diagnosis and Management of Retinal Vasculitis.”
10. Division of Renal Medicine, Johns Hopkins Bayview Medical Center, Baltimore, Maryland, December 2002.  
“Diabetic Retinopathy: Diagnosis and Management.”
11. Yale Eye Center, Yale University School of Medicine, New Haven, Connecticut, May 15, 2003.  
Visiting Professor and Ophthalmology Grand Round Speaker  
“Management of Retinal Vasculitis.”
12. Vietnamese American Medical Association 2003 Annual Convention  
Orlando, Florida, July 25-27, 2003  
“Diabetic Retinopathy: Current Concepts for the Non-Ophthalmologists.”
13. Maryland Society of Eye Physicians and Surgeons 2003 Annual Meeting  
Columbia, Maryland, October 17, 2003  
“New Clinical Trials for Neovascular Age-Related Macular Degeneration.”
14. American Academy of Ophthalmology 2003 Annual Meeting  
Inaugural Uveitis Subspecialty Day  
Anaheim, California, November 15, 2003  
“Retinal Vasculitis: Current Concepts in Diagnosis and Management.”
15. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals, *Current Concepts in Ophthalmology*, Baltimore, Maryland, December 2003.  
“Current Clinical Trials for Neovascular Age-Related Macular Degeneration.”
16. State University of New York at Syracuse  
The 54<sup>th</sup> Annual Post-Graduate Course in Ophthalmology  
December 5-6, 2003

Visiting Professor and Course Faculty Member

17. Updates in Ocular Imaging: *Optical Coherence Tomography- The State of the Art*  
The Wilmer Ophthalmological Institute at Johns Hopkins – Invited Speaker  
January 17, 2004  
“Principles of Optical Coherence Tomography Relevant to Clinical Applications.”
18. *Second Update on Ocular Infectious Diseases*  
The Wilmer Ophthalmological Institute at Johns Hopkins – Invited Speaker  
May 21-22, 2004  
“Diagnostic Molecular Microbiology for Infectious Uveitis.”
19. *Second Update on Ocular Infectious Diseases*  
The Wilmer Ophthalmological Institute at Johns Hopkins – Invited Speaker  
May 21-22, 2004  
“Current Perspectives in the Management of Ocular Toxoplasmosis.”
20. *Second Update on Ocular Infectious Diseases*  
The Wilmer Ophthalmological Institute at Johns Hopkins – Invited Speaker  
May 21-22, 2004  
“Chronic, Delayed-Onset Endophthalmitis.”
21. University of California at San Francisco  
Department of Medicine  
May 26, 2004  
Visiting Professor and Renal Grand Round Speaker  
“Ocular Manifestations of Renal Diseases”
22. *Age-Related Macular Degeneration in 2004: From Prevention to Treatment and Bench to Bedside*  
The Wilmer Ophthalmological Institute at Johns Hopkins – Invited Speaker  
June 4-5, 2004  
“The Potential Role of OCT in the Management of Macular Degeneration”
23. Immunology and Inflammatory Diseases  
30<sup>th</sup> Annual Kevin Hill Seminar in Ophthalmology – Visiting Professor  
Colby College, Waterville, Maine  
July 19-22, 2004
  - a. “The Eye as a Target for Inflammation”
  - b. “Posterior Inflammation: Vitritis, Intermediate Uveitis, and Retinal Vasculitis”
  - c. “Infectious Diseases of the Posterior Segments”
24. American Academy of Ophthalmology Annual Meeting  
New Orleans, Louisiana  
October 22-26, 2004  
Chair: Symposium on *New Therapies for Macular Degeneration*

25. American Academy of Ophthalmology Annual Meeting  
New Orleans, Louisiana  
October 22-26, 2004  
Paper Discussant: “Chorioretinal Manifestations of West Nile Virus Infection”
26. American Academy of Ophthalmology Annual Meeting  
New Orleans, Louisiana  
October 22-26, 2004  
Symposium on *An Evidence-Based Medicine Review of the Literature on the Matter of Therapy for Uveitis*  
Invited Speaker: “Evidence-Based Management of Adamatiades-Behçet’s Disease”
27. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals  
*Current Concepts in Ophthalmology*, Baltimore, Maryland, December 2-4, 2004.  
“Fluocinolone Acetonide Intravitreal Implant in the Management of Posterior Uveitis: The One-Year Results of a Randomized Control Trial.”
28. Bascom Palmer Eye Institute, University of Miami School of Medicine  
Miami, Florida – Visiting Professor  
February 4-5, 2005  
*Uveitis for the Other Sub-Specialist*
  - a. “Is Retinal Vasculitis a Uveitis?”
  - b. “Scleritis: Patch Graft and Biopsy”
29. Pan-American Congress of Ophthalmology, Pan-American Association of Ophthalmology  
Santiago, Chile – Invited Speaker  
March 18-21, 2005
  - a. “Novel Anti-VEGF Pharmacology for Neovascular AMD”
  - b. “New Therapies for AMD: Where Are We Going in 2005 and Beyond?”
  - c. “New Anti-angiogenic Agents for Choroidal Neovascularization Secondary to Uveitis”
  - d. “How to Approach and Diagnose a Patient with Uveitis?”
30. Midwest Ocular Angiography Conference  
Whistler, British Columbia, Canada  
August 3-6, 2005  
Presenter: “Cases of Masquerading Uveitis Syndrome”
31. L.V. Prasad Eye Institute, Hyderabad, India  
October 5, 2005  
Visiting Professor  
“Novel Pharmacologic Therapeutic Approaches for Neovascular Age-Related Macular Degeneration”
32. The 2005 Uveitis Society of India Annual Meeting  
Jalna, India

October 7-9, 2005

Guest of Honor

“The Role of Sustained-Release Devices in the Management of Uveitis”

33. The Wilmer Ophthalmological Institute, Johns Hopkins University and Hospitals  
*Current Concepts in Ophthalmology*, Baltimore, Maryland, December 1-3, 2005.  
“Fluocinolone Acetonide Intravitreal Implant in the Management of Posterior Uveitis: The Two-Year Results of a Randomized Control Trial.”
34. World Congress of Ophthalmology  
Sao Paulo, Brazil, February 19-23, 2006  
Invited Faculty  
Symposia on “Novel Therapy for Ocular Neovascularization” and on  
“Controversies in the Management on Ocular Inflammatory Diseases”
35. The 2006 International Society of Ocular Pharmacology and Therapeutics  
Berlin, Germany, March 29-April 1, 2006  
Invited Speaker and Moderator  
“Novel Therapy in the Management of Neovascular Age-Related Degeneration.”  
“Management of Panuveitis.”
36. New England Eye Center, Tufts University  
*2006 Innovations in AMD Therapy: A Revolution in Evolution*  
Boston, Massachusetts, April 7-8, 2006  
Invited Faculty  
“Novel Therapeutic Options for Ocular Neovascularization and Diabetic Retinopathy.”
37. Segundo Congreso de la Sociedad Panamericana de Retina y Vitreo  
Cartagena de Indias, Colombia, May 17-20, 2006  
Invited Faculty and Special Guest  
“Management of Neovascular AMD in 2006 and Beyond: What is the Future?”
38. The 2006 Retinal Physician Symposium  
Nassau, the Bahamas, May 31-June 1, 2006  
Invited Faculty  
“Ranibizumab for Edema of the Macula in Diabetes: Results of the READ 1 Study”  
“Current Concepts in the Diagnosis and Management of Ocular Toxoplasmosis”  
“Immunomodulatory Therapy for Uveitis and Ocular Inflammatory Diseases”
39. The Second French-American Ophthalmological Symposium  
New York, New York, June 2-3, 2006  
Invited Faculty  
“Where Are We Going in the Management of Ocular Neovascular Diseases?”

40. Albany Medical College Annual Ophthalmology Update  
Albany, New York, June 15-16, 2006  
Visiting Professor  
“Current Concepts in the Management of Uveitis and Ocular Inflammatory Diseases”
41. The 90<sup>th</sup> Annual Pacific Coast Oto-Ophthalmological Society Meeting  
Cabo San Lucas, Mexico, June 23-27, 2006  
Special Guest Speaker  
“Local and Systemic Therapy for Choroidal Neovascularization”  
“Ocular Manifestations of Systemic Autoimmune Diseases”
42. The 2006 Annual Meeting of the American Association of Diabetes Educators  
Los Angeles, California, August 8-9, 2006  
Invited Faculty  
“Molecular Pathways of Diabetic Retinopathy: Where Are We Going with Therapy in the 21<sup>st</sup> Century”
43. 2006 Macula in Paris Conference  
Paris, France, September 5-6, 2006  
Invited Faculty  
“Coming to the Clinics: Potential New Therapy for Neovascular AMD”
44. 2006 Meeting of the Pan-Hellenic Conference on Ocular Inflammation and Infections  
Island of Crete, Greece, October 27-29, 2006  
Guest of Honor and Invited Speaker  
“Retinal Vasculitis: Pathophysiology and Management”  
“Management of Uveitis Choroidal Neovascularization”
45. 2006 Annual Meeting of the Philippine Academy of Ophthalmology  
Manila, the Philippines, November 24-28, 2006  
Guest of Honor and Invited Speakers  
“Current Concepts in the Management of Posterior Uveitis”  
“Necrotizing Scleritis: Pathogenesis, Diagnosis, and Management”
46. The 2006 Annual Meeting of the Uveitis Society of India  
Madurai, India, December 2-3, 2006  
Invited Speaker  
“Current Concepts in the Use of Fluocinolone Acetonide Sustained-Release Device in the Management of Posterior Uveitis”  
“Challenges in Managing Complications of Posterior Uveitis”
47. Macula 2007  
Baltimore, Maryland, January 12, 2007  
Invited Speaker  
“Potential Role of VEGF Trap in the Management of Neovascular AMD”

48. University of Louisville  
Louisville, Kentucky, February 15-16, 2007  
Visiting Professor  
“Retinal Vasculitis: Challenges in Diagnosis and Management”  
“Coming to the Clinics: Pharmacologic Agents in Clinical Trials for Retinal Diseases”
49. Angiogenesis 2007  
Bascom Palmer Eye Institute, University of Miami  
Miami, Florida, February 23-24, 2007  
Invited Speaker  
“VEGF Trap for Diabetic Macular Edema and Neovascular AMD”
50. The 50<sup>th</sup> Annual Postgraduate Symposium in Ophthalmology  
William H. Havener Eye Institute  
The Ohio State University  
Columbus, Ohio, March 2-3, 2007  
Visiting Professor and Invited Speaker  
“Ocular Manifestations of Systemic Autoimmune Diseases”  
“Managing Neovascular AMD in 2007 and Beyond”
51. The Phoenix Ophthalmological Society Annual Meeting  
Phoenix, Arizona, March 22, 2007  
Guest of Honor and Invited Speaker  
“Current Concepts in the Diagnosis and Management of Retinal Vasculitis”
52. New England Eye Center, Tufts University  
*ARMED and Retinal Vascular Diseases 2007: Optimizing Treatments*  
Boston, Massachusetts, March 30-31, 2007  
Invited Faculty  
“Ranibizumab for Macular Edema secondary to Retinal Vein Occlusion”
53. The 2007 Retinal Physician Symposium  
Fort Meyers, Florida, April 11-14, 2007  
Invited Faculty  
“The Role of VEGF Inhibition in the Management of Diabetic Macular Edema”  
“White Dot Syndromes: Current Concepts in Diagnosis and Treatments”
54. The First Annual Uveitis Symposium – Posterior Uveitis: Diagnosis and Treatment  
University of Illinois Eye and Ear Infirmary, Chicago, Illinois, April 21, 2007  
Invited Speaker  
“Therapy for Uveitic Subretinal Neovascularization”  
“Diagnostic and Therapeutic Vitrectomy for Uveitis”
55. IX Congreso Internacional Clinica de Oftalmologia de Cali  
Cali, Colombia, May 24 – 26, 2007

- Visiting Professor and Invited Speaker  
 “The Role of HbA1C in the Management of Diabetic Eye Diseases”  
 ”Updates in the Medical and Surgical Therapy for Uveitis”
56. XXVIII Congreso PanAmericana de Oftalmologia  
 Cancun, Mexico, May 30 – June 4, 2007  
 Invited Speaker  
 “VEGF Trap in the Management of Neovascular AMD”  
 “Retinal Biopsy in the Management of Ocular Inflammatory Diseases”
  57. 2007 Annual Convention of the Juvenile Diabetes Research Foundation  
 Global Diabetes Research Forum  
 Saint Louis, Missouri, June 1, 2007  
 Featured Invited Speaker  
 “**Ranibizumab** for **Edema** of the **mAc**ula in **D**iabetes: A Phase 2 Study – the **READ** 2 Study. What is Ahead for Patients with Diabetic Macular Edema?”
  58. The Third French-American Ophthalmological Symposium  
 Boston, Massachusetts, June 15-16, 2007  
 Invited Faculty  
 “New Treatments for Neovascular AMD: What Are Coming to the Clinic?”  
 “New Treatments for Uveitis and Ocular Inflammatory Diseases”
  59. First Annual Geneva Uveitis Society Conference  
 Geneva, Switzerland, September 12-13, 2007  
 Invited Faculty  
 “Current Concepts in the Management of Retinal Vasculitis”
  60. 2007 Retina Subspecialty Day at the Annual Meeting of the American Academy of Ophthalmology  
 New Orleans, Louisiana, November 9-13, 2007  
 Invited Speaker  
 “VEGF Trap for AMD”
  61. 2008 Les Journees Ophtalmologiques de L’Universite Laval (JOUL)  
 Quebec, Canada, February 7-8, 2008  
 The Jean Lacerte Lecturer  
 “What Are Coming to the Clinics for the Management of Neovascular AMD?”  
 “Ocular Manifestations of Systemic Autoimmune Diseases”
  62. 2008 Macula: Advances in Diagnosis and Therapy (MAT)  
 Torino, Italy, February 9-10, 2008  
 Invited Speaker and Session Chair  
 “Updates on VEGF Trap for Neovascular AMD”
  63. 2008 Angiogenesis, Exudation, and Degeneration Meeting

- Bascom Palmer Eye Institute, University of Miami  
Miami, Florida, February 22-23, 2008  
Invited Speaker  
“Updates on VEGF Trap for DME and Neovascular AMD”
64. The 7<sup>th</sup> International Symposium on Ocular Pharmacology and Therapeutics  
Budapest, Hungary, February 28 – March 2, 2008  
Invited Speaker and Session Chair
  65. The 33<sup>rd</sup> Meeting of the Brazilian Retina Society  
Bahia, Brazil, April 3-5, 2008  
Invited Speaker and Program Discussant
  66. 2008 Jornadas Nacionales de Oftalmologia  
Consejo Argentino de Oftalmologia  
III Simposio Internacional de la Sociedad Argentina de Retina y Vitreo y Uveitis  
Annual Meeting of the Argentinian Academy of Ophthalmology  
The 3<sup>rd</sup> International Symposium of the Argentinian Society of Retina and Vitreous, and Uveitis  
Buenos Aires, Argentina, May 23-25, 2008  
Invited Speaker and Session Chair
  67. The 2008 Retinal Physician Symposium  
Naples, Florida, May 28-31, 2008  
Invited Faculty and Program Discussant
  68. The 2008 University of Buffalo Annual Ophthalmology Symposium  
Buffalo, New York, June 6-7, 2008  
Visiting Professor
  69. XXVII Reunion Annual de Retina  
The 27<sup>th</sup> Meeting of the Mexican Retina Society  
Acapulco, Mexico, June 11-14, 2008  
Invited Speaker and Session Chair
  70. 2008 Meeting of the Korean Retina Society  
Yonsei University School of Medicine  
Seoul, Korea, June 25-26, 2008  
Guest of Honor and Visiting Professor
  71. 2008 World Congress of Ophthalmology  
Hong Kong, China, June 29 – July 2, 2008  
Invited Speaker and Program Chair for Symposia in Retina and Uveitis
  72. 34<sup>th</sup> Annual Kevin Hill Seminar in Ophthalmology – Retina Update  
Colby College

- Waterville, Maine, July 13-17, 2008  
Invited Faculty
73. The 26<sup>th</sup> Visiting Retina Professor  
The Retina Center at Pali Momi  
University of Hawaii School of Medicine  
Honolulu, Hawaii  
August 30, 2008
  74. The 2008 Amsler Club Annual Meeting  
Newcastle, the United Kingdom  
October 31 – November 1, 2008  
Honored Guest and Invited Speaker
  75. The 20<sup>th</sup> Anniversary Meeting of the Vietnamese Association of Physicians,  
Dentists, and Pharmacists of Florida  
Orlando, Florida  
November 21 – 23, 2008  
Honored Guest and Invited Speaker
  76. The 10<sup>th</sup> Annual Research Day  
Federal University of São Paulo  
Department of Ophthalmology, Vision Institute  
São Paulo, Brazil  
December 11 – 13, 2008  
Visiting Professor
  77. The 2009 Macula of Paris Meeting  
Paris, France  
January 23 – 25, 2009  
Invited Speaker
  78. The 2009 Florida Retina Symposium  
Sarasota, Florida  
March 13 – 14, 2009  
Invited Speaker