

**CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE  
OF  
CASE WESTERN RESERVE UNIVERSITY**

JULY 22, 2018

**PERSONAL INFORMATION**

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Name: Ghazi, Nicola,  
Date of Birth: (required): April 14, 1970  
Place of Birth: Lebanon  
Citizenship: Lebanese

**Education**

School: American University of Beirut, Beirut Lebanon  
Degree: Bachelor of Science, Biology  
Dates: 1988 – 1992

**Post-Graduate Training**

Institution: American University of Beirut, Beirut Lebanon  
Position: Medical Doctor  
Dates: 1992-1996

Institution: American University of Beirut Medical Center  
Position: Internship, Department of Surgery  
Dates: 1996-1997

Institution: American University of Beirut Medical Center  
Position: Residency, Department of Ophthalmology  
Dates: 1997-2000

Institution: The Wilmer Eye Institute, The Johns Hopkins Hospital  
Position: Clinical and Research fellowship, Ocular Pathology  
Dates: 2000-2001

Institution: University of Virginia Health System  
Position: Clinical fellowship, Vitreoretinal Surgery  
Dates: 2001-2002

Institution: The Wilmer Eye Institute, The Johns Hopkins Hospital  
Position: Clinical fellowship, Medical Retina  
Dates: 2002-2003

Institution: University of Virginia Health System  
Position: Internship, Department of Surgery  
Dates: 2003-2004

Institution: University of Virginia Health System  
Position: Residency, Department of Ophthalmology  
Dates: 2004-2007

**Contact Information (required)**

Institution/Institute/Department: Eye Department, Lebanese American University Medical center-  
Rizk Hospital  
Office Address: Zahhar St, 9th Floor, Beirut, Lebanon  
Phone: +961 1 200800 ext. 5925 and 5926

## **PROFESSIONAL AND ACADEMIC APPOINTMENTS** (list recent to oldest)

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Position/Rank: Clinical Professor of Ophthalmology  
Institution: Cleveland Clinic Lerner College of Medicine of Case Western Reserve University  
Department: Department of Ophthalmology  
Dates: 9/2017-present

Position/Rank: Consultant  
Institution: Cleveland Clinic Abu Dhabi  
Institute: Eye Institute  
Department: Eye Institute  
Dates: 8/2014-present

Position/Rank: Visiting Associate Professor of Ophthalmology  
Institution/Institute/Department: Department of Ophthalmology, University of Virginia Health System  
Dates: 10/2012-present

Position/Rank: Senior Academic Consultant  
Institution/Institute/Department: King Khaled Eye Specialist Hospital  
Dates: 8/2011-7/2014

Position/Rank: Senior Consultant  
Institution: King Khaled Eye Specialist Hospital, Riyadh Saudi Arabia  
Institute: Department of Ophthalmology  
Department: Department of Ophthalmology  
Dates: 8/2010-8/2011

Position/Rank: Founding Faculty Member  
Institution/Institute/Department: Department of Ophthalmology, Lebanese American University  
Dates: 8/2009-present

Position/Rank: Vice Chair for Clinical affairs  
Institution: Texas Tech University Health Sciences Center  
Paul L. Foster school of Medicine  
Institute: Department of Ophthalmology  
Department: Department of Ophthalmology  
Dates: 8/2009-2/2010

Position/Rank: Associate Professor  
Institution/Institute/Department: Department of Ophthalmology, Texas Tech University Health Sciences Center Paul L. Foster school of Medicine  
Dates: 8/2009-2/2010

Position/Rank: Associate Professor  
Institution/Institute/Department: Department of Pathology, Texas Tech University Health Sciences Center Paul L. Foster school of Medicine  
Dates: 8/2009-2/2010

Position/Rank: Residency Associate/Acting Program Director  
Institution/Institute/Department: Department of Ophthalmology, University of Virginia Health System  
Dates: 7/2007-8/2009

Position/Rank: Associate Professor  
Institution/Institute/Department: Department of Ophthalmology, University of Virginia Health System

Dates: 7/2007-8/2009  
Position/Rank: Assistant Professor  
Institution/Institute/Department: Department of Pathology, University of Virginia Health System  
Dates: 7/2007-8/2009

## CERTIFICATION AND LICENSURE

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Name of Board: Virginia Board of Medicine  
Date of Certificate: 5/10/2006 – 4/30/2018  
Licensure State/Number: Virginia/0101239934  
Date Issued: 5/10/2006

Name of Board: American Board of Ophthalmology  
Date of Certificate: 6/7/2009 – 12/31/2019  
Licensure State/Number:  
Date Issued: 6/7/2009

Name of Board: Educational Commission for Foreign Medical Graduates  
Date of Certificate: Valid Indefinitely  
Licensure State/Number: 0-545-182-8  
Date Issued: August 12, 1997

## HONORS AND AWARDS

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1988-1992 Bachelor of Science, cum laude, the American University of Beirut  
1988-1992 Issam Fares Scholarship, the American University of Beirut  
1992-1996 Rafik Harriri Scholarship, the American University of Beirut  
1995 Dean's Honor, the American University of Beirut, Medical School  
2002-2003 Runner up for the Johns Hopkins Medical Student/House staff Teaching Award, The Wilmer Eye Institute, Johns Hopkins Hospital.  
2003 You Make a Difference, the University of Virginia, Department of Surgery  
2007 Resident and Fellow Teaching Award for excellence and dedication in resident teaching, the University of Virginia  
2007 Thomas Frey Resident Award for outstanding research and presentation, Virginia Society of Ophthalmology  
2008 The University of Virginia School of Medicine Honors; Leadership in Academic Medicine, Fellow; In conjunction with the Darden School of Business, University of Virginia.  
2008 Selected into the Cambridge Who's Who  
2009 Teacher of the year Award, Dept. of Ophthalmology, University of Virginia,  
2009 *Thomas Frey Resident Award* for outstanding research and presentation **with Dr. Akbar Shakour, presenter.**  
2010 *Thomas Frey Resident Award* for outstanding research and presentation, 2010, **with Dr. Ryan Scruggs, presenter.**  
2010 Compassionate Doctor Recognition  
2010 Patients' Choice Award  
2011 Patients' Choice Award  
2012 Selected for Marquis Who's Who in the World  
2014 **The Resident Research Award at the Saudi Ophthalmology annual meeting, Riyadh, KSA, Dr. Malek Rubaian, presenter.**  
2014 **The Fellow Research Award at the Saudi Ophthalmology annual meeting, 2014. Riyadh, KSA, Dr. Sulaiman Sulaiman, Presenter**  
2017 Best Research Award *at the Saudi Ophthalmology annual meeting, March 2017, Riyadh, KSA*  
**Dr. Sawsan Nowilaty, Presenter**  
2017 Honorary member of the South African Vitreoretinal Society, South Africa, April, 2017-present  
2017 American University of Beirut Alumni Honor, Abu Dhabi Chapter, Abu Dhabi, UAE, May 2017

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

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Virginia Medical Society: 2008-2009

Association for Research in Vision and Ophthalmology (ARVO): Dec 1, 2000-present

American Academy of Ophthalmology: 2004-present

Virginia Society of Ophthalmology: 2004-2009

Wilmer Resident Association, 2000-2003

The Johns Hopkins Alumni Association, 2008-present

Johns Hopkins Medical & Surgical Association, 2008-present

American Association of Ophthalmic Pathologists, 2007-present

International Society of Ophthalmic Pathologists, 2007-present

Saudi Ophthalmological Society, August 2010-July 2014

Middle East Africa Club of Oncology and Ocular Pathology (MEACCOOP), Jan 2014-present

Emirati Retina Group, October 2014-present.

Honorary member of the South African Vitreoretinal Society, South Africa, April 30, 2017-present.

## **PROFESSIONAL SERVICES**

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### **Editorial Boards**

Journal: Journal of Clinical & Experimental Ophthalmology

Dates of Service: 2010-present.

Journal: Saudi Journal of Ophthalmology

Dates of Service: 2012-present

Journal: Austin Journal of Clinical Ophthalmology

Dates of Service: 2014-present.

Journal: Journal of Ophthalmology and Visual Sciences

Dates of Service: 2015-present.

### **INVITED JOURNAL REVIEWER:**

1. Investigative Ophthalmology and Visual Science
2. British Journal of Ophthalmology
3. Graefe's Archive for Clinical and Experimental Ophthalmology
4. Clinical Ophthalmology
5. Ophthalmology
6. JAMA Ophthalmology (Archives Ophthalmology)
7. American Journal of Ophthalmology
8. Molecular Vision
9. Retina
10. Saudi Journal of Ophthalmology, Member, Editorial Board
11. Middle East African Journal of Ophthalmology
12. Journal of the American Association of Pediatric Ophthalmology and Strabismus
13. Journal of Clinical & Experimental Ophthalmology, Member, Editorial Board
14. Journal of Diabetes Research
15. Indian Journal of Ophthalmology
16. International Ophthalmology

## **Advisory Groups**

Title: Diabetic Macular Edema Advisory Board, Novartis, Saudi Arabia  
Dates of Service: 2013

Title: AMAC ACUITY advisory board meeting, Novartis, United Arab Emirates  
Dates of Service: 2016

## **COMMITTEE SERVICE**

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### **National**

Organization: The International Council of Ophthalmology  
Committee Name/Role: World Ophthalmology Residency Development, developing curriculum in ophthalmic pathology relevant to the developing world, Ophthalmic Pathology Task Force, Member  
Dates of Service: 2009

Organization: Saudi Board of Ophthalmology  
Committee Name/Role: Oral Board Examination Committee, Examiner  
Dates of Service: 2011, 2012, 2013

Organization: Saudi Ophthalmology Residency  
Committee Name/Role: Saudi Ophthalmology Resident Selection Committee, Member  
Dates of Service: 2012

### **Cleveland Clinic**

Committee Name/Role: Laser Safety Committee, Cleveland Clinic Abu Dhabi Hospital, Chairman  
Dates of Service: May 2015-present.

Committee Name/Role: Medical Education Advisory Board, Cleveland Clinic Abu Dhabi Hospital, Member  
Dates of Service: Feb 2016-present.

### **Educational Committees**

Committee Name/Role: Graduate Medical Education Committee, University of Virginia, Member  
Dates of Service: 2007-2009

Committee Name/Role: Graduate Medical Education Committee, Texas Tech University Health Sciences Center, Paul L. Foster school of Medicine, Member  
Dates of Service: 2009

Committee Name/Role: Resident Selection Committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2012.

Committee Name/Role: Health Education Committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2012-14.

### **Other Institutional Committees**

Committee Name/Role: Search Committee for position of chairman of the Department of Dermatology, the University of Virginia, Member  
Dates of Service: 2006-2007.

Committee Name/Role: Lead Task force, Ophthalmology Departmental Library renovation, University of Virginia, Lead Member  
Dates of Service: 2006-2007.

Committee Name/Role: Lead Task force, Ophthalmology Department Website reconstruction, University of Virginia, Lead Member  
Dates of Service: 2007-2008.

Committee Name/Role: Search Committee for new glaucoma position, Department of Ophthalmology, University of Virginia, Member  
Dates of Service: 2007-2008.

Committee Name/Role: Search Committee for new cornea position, Department of Ophthalmology, University of Virginia, Member  
Dates of Service: 2007-2008.

Committee Name/Role: Search Committee for new neuroophthalmology/oculoplastics position, Department of Ophthalmology, University of Virginia, Member  
Dates of Service: 2007-2008.

Committee Name/Role: Human Ethics Committee/Institutional Review Board (HEC/IRB), King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2010-2011.

Committee Name/Role: Best Poster Selection Committee, The Saudi Ophthalmological Society meeting, Member  
Dates of Service: 2011.

Committee Name/Role: Mortality and Morbidity Committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2011.

Committee Name/Role: Medical Library Committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2012.

Committee Name/Role: Scientific Program Committee, Lebanese Ophthalmological Society annual meeting, Member  
Dates of Service: 2012.

Committee Name/Role: Best Poster and Video Selection Committee, The Ophthalmic Imaging Section, The Saudi Ophthalmological Society meeting, Member  
Dates of Service: 2013.

Committee Name/Role: Scientific Program Committee, Saudi Ophthalmological Society annual meeting, Member  
Dates of Service: 2013 and 2014.

Committee Name/Role: Promotion and Tenure Committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2012-14.

Committee Name/Role: Discharge-Process Committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia, Member  
Dates of Service: 2013-14.

Committee Name/Role: Promotion and Tenure Committee, Lebanese American University, Beirut, Lebanon, Member  
Dates of Service: 2018-present.

Committee Name/Role: Credentialing Committee, Lebanese American University, Beirut, Lebanon, Member  
Dates of Service: 2018-present.

Committee Name/Role: Medical Board Committee, Lebanese American University Medical Center-RH, Beirut, Lebanon, Member  
Dates of Service: 2018-present.

Committee Name/Role: Academic Council Committee, Lebanese American University, Beirut, Lebanon, Member  
Dates of Service: 2018-present.

Committee Name/Role: Utilization Management Committee, Lebanese American University Medical Center-RH, Beirut, Lebanon, Member  
Dates of Service: 2018-present.

## **TEACHING ACTIVITIES**

### **Curriculum/Course Development**

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1. Founder and organizer, The Brian P. Conway Visiting Professor Lectureship, Department of Ophthalmology, University of Virginia, 2007-2009.
2. Residency Associate/Acting Program Director, University of Virginia Health System, Department of Ophthalmology: 2007-2009.
3. Lecturer, Second-year medical students lecture curriculum, eye pathology section, University of Virginia, 2006-09.
4. Developer and provider, Eye pathology residency curriculum, lectures and hands-on training, University of Virginia Health System, Department of Ophthalmology: 2004-2009.

### **Presentations**

1. Ghazi NG, Younis M, Ansari H. Ophthalmic Zoster: A Rare Entity in Children. Presented at the Pan Arab Congress of Ophthalmology, Cairo, Egypt, March 1999.
2. Salti H, Ghazi N, Younis M, El Hajj A. Colonic Carcinoma with Retinal Metastasis: Case report. Presented at the Pan Arab Congress of Ophthalmology, Cairo, Egypt, March 1999.
3. Ghazi NG, Jabbour NM, De La Cruz Z, Green WR. Clinicopathologic Studies of Age-Related Macular Degeneration with Classic Subfoveal Choroidal Neovascularization Treated with Photodynamic Therapy. Presented at:
  - i. The Wilmer Resident Meeting, 2001
  - ii. Accepted in The Schepens Society Meeting, 2001
  - iii. The ARVO Meeting, 2001
  - iv. The Macula Society Meeting, 2001, Dr Green
  - v. The American University of Beirut, 2002
4. Ghazi NG, Green WR. Pathology and Pathogenesis of Retinal Detachment. Presented in the Cambridge proceedings, September 2001, Dr. Green
5. Ghazi NG, Conway BP. Photodynamic Therapy in a Case of Sorsby Ocular Epitheliopathy. Presented at the Atlantic Coast Retina Club Meeting, January 2002, at the Wills Eye Hospital.
6. Ghazi NG, Gollance SA, Green WR. Choroidal Vascular Occlusion in a Child with a Connective Tissue Disease. Presented at The Wilmer Resident Meeting, 2002.
7. Ghazi NG, Tiedeman JS, Conway BP. Is Reduction in the Risk of Severe Visual Loss the only Benefit of Photodynamic Therapy? Presented at:
  - i. The 19th Annual Marion K. Humphries, Jr. Symposium at Univ. of Virginia,

- Charlottesville, 2002
  - ii. The Wilmer Resident Meeting, 2003
  - iii. The ARVO Meeting, 2003
  - iv. The American University of Beirut, 2004
8. Ciralsky B, Ghazi NG, Shah SM, Campochiaro PA, Haller JA. Optical Coherence Tomography Findings in Diabetic Eyes with Persistent Macular Edema Following Focal Laser Treatment. Presented at:
- i. The 21st Annual Vitreous Society Meeting (ARSA), New York, Aug. 2003
  - ii. The 20th Annual Marion K. Humphries, Jr. Symposium at Univ. of Virginia, Charlottesville, 2003
  - iii. The 3rd Resident Research Day, Univ. of Virginia, Charlottesville, 2004
  - iv. The American University of Beirut, 2005
  - v. The Virginia Society of Ophthalmology, 2005
  - vi. The Arab Regional Ophthalmology Meeting, Beirut, 2006
9. Ghazi NG, Haddad R, Jurdi F, Noureddine B, Bashshur Z. Tissue Plasminogen Activator in the Management of Central Retinal Vein Occlusion. Presented at the 20th Annual Marion K. Humphries, Jr. Symposium at the Univ. of Virginia, Charlottesville, 2003.
10. Ghazi NG, Conway BP. Cilioretinal Angiomatous Proliferation. Presented at the 20th Annual Marion K. Humphries, Jr. Symposium at the Univ. of Virginia, Charlottesville, 2003.
11. Ghazi NG, Dibernardo C, Ying H, Mori K, Gehlbach PL. Optical Coherence Tomographic Histologic Correlations in Eucleated Human Eye Specimens, with Emphasis on the Origin of the Outer "Red Line". Presented at:
- i. The W. Richard Green Symposium, the Wilmer Eye Institute at the Johns Hopkins Hospital, Baltimore, MD 2004
  - ii. The 21st Annual Marion K. Humphries, Jr. Symposium, Univ. of Virginia, Charlottesville, 2004
  - iii. Accepted for presentation at the 22nd annual Vitreous Society Meeting (ARSA), San Diego, 2004
  - iv. The ARVO Meeting, 2005
  - v. The American University of Beirut, 2005
12. Ghazi NG, Dakkash A, Conway BP. Acute Idiopathic Maculopathy: Report of a Bilateral Case with a Unilateral Macular Hole. Presented at:
- i. The 21st Annual Marion K. Humphries, Jr. Symposium at the Univ. of Virginia, Charlottesville, 2004.
  - ii. The ARVO Meeting, 2006
13. Ghazi NG, Davenport B, Ferreira C, Tiedeman JS. Retinal Cavernous Hemangioma: Association with Intracranial Lesions. Presented at the 21st Annual Marion K. Humphries, Jr. Symposium at the Univ. of Virginia, Charlottesville, 2004.
14. Ghazi NG, Newman SA, Jane J Sr., Lopez MB. A Man with a Rush. Presented at the 31st Annual North American Neuro-Ophthalmology Society Meeting, Colorado, 2005.
15. Ghazi NG, Conway BP. Outcomes of Gamma Knife Treatment for Uveal Melanoma. Presented at:
- i. The 22nd Annual Marion K. Humphries, Jr. Symposium at the Univ. of Virginia, Charlottesville, 2005.
  - ii. The ARVO Meeting, 2006
16. Ghazi NG. Overview on Iris Melanocytic lesions. Presented at the 22nd Annual Marion K. Humphries, Jr. Symposium, Technician Section, at the Univ. of Virginia, Charlottesville, 2005.
17. Ghazi NG. Optical Coherence Tomographic Histologic Correlations in Eucleated Human Eye Specimens, with Emphasis on the Origin of the Outer "Red Line" II. Presented at:
- i. The Wilmer Eye Institute at the Johns Hopkins Hospital, Baltimore, MD 2006, part of an interview process for a combined retina and eye pathology position



- ii. The Arab Regional Ophthalmology Meeting, Beirut, 2006
  - iii. The 23rd Annual Marion K. Humphries, Jr. Symposium at the Univ. of Virginia, Charlottesville, 2006.
18. Ghazi NG, Daccache A, Tiedeman JS. Combined Pars Plana Vitrectomy/Lensectomy for Macular Hole without Prone Position. Presented at:
  - i. The Arab Regional Ophthalmology Meeting, Beirut, 2006
  - ii. The ARVO Meeting, 2006
19. Javan R, Ghazi NG, Olsakovsky L, Jaafari E. "Acute Sulfate Keratopathy" Following Mineral Spring Water Bathing for Balneotherapy. Presented at the ARVO meeting, 2006.
20. Ghazi NG. The role of the technician/photographer in optical coherence tomography imaging of the retina. Presented at the 23rd Annual Marion K. Humphries, Jr. Symposium, Technician Section, the Univ. of Virginia, Charlottesville, 2006.
21. Much J, Ghazi NG, Phillips P, Newman SA. The Effect of Lubricating eye drops on Optical Coherence Tomography Imaging of the Retina. Presented at the ARVO meeting, 2007.
22. Kirk T, Ghazi NG, Knape R, Tiedeman JS, Conway BP. Optical coherence tomography artifacts in exudative macular degeneration before and after treatment with Intravitreal bevacizumab. Presented at:
  - i. The ARVO meeting, 2007.
  - ii. The 24th annual Marion K. Humphries Symposium, UVa, 2007.
23. Knape R, Ghazi NG, Kirk T, Tiedeman JS, Conway BP. Is monthly injections of intravitreal bevacizumab necessary in age-related macular degeneration? Presented at the ARVO meeting, 2007. Listed in the ARVO "new trends and hot topics" page list.
24. Ghazi NG, Knape R, Kirk T, Tiedeman JS, Conway BP. Intravitreal bevacizumab in retinal angiomatous proliferation. Presented at:
  - i. The ARVO meeting, 2007.
  - ii. The Virginia Society of Ophthalmology, 2007. Received the Thomas Frey Resident Award for outstanding research and presentation.
  - iii.
25. Tilton E, Ghazi NG, Knape R, Tiedeman JS, Conway BP, Newman SA. Optical coherence tomography findings in RAO. Presented at:
  - i. The ARVO meeting, 2007.
  - ii. The 24th annual Marion K. Humphries Symposium, UVa, 2007.
26. Ghazi NG. The effect of media opacity and corneal dryness on OCT imaging of the fundus. Presented at the 24th Annual Marion K. Humphries, Jr. Symposium, Technician Section, at the Univ. of Virginia, Charlottesville, 2007.
27. Batchelet AR, Compton MW, Scruggs R, Allam SS, Ghazi NG. Prognostic Optical Coherence Tomography Factors in Cystoid Macular Edema. Presented at:
  - i. The ARVO meeting, 2008.
  - ii. The 25th annual Marion K. Humphries Symposium, UVa, 2008.
  - iii. The Virginia Society of Ophthalmology, 2010: Received the Thomas Frey Resident Award for outstanding research and presentation, Dr. Scruggs.
28. Javan R, Jeun BS, Ghazi NG, Gay SB. Interactive 3D Simulation of the Eye and Orbit to Enhance Learning of Relevant Anatomy and Pathology: A First-Person Shooter "Serious Gaming" Project. Presented at the ARVO meeting, 2008.
29. Houston SK III, Ghazi NG. Bilateral Massive Retinal Gliosis in a Patient With Bilateral Retinal Detachment in the Setting of Retinopathy of Prematurity. Presented at the ARVO meeting, 2008.
30. Abazari A, Ghazi NG. Optical coherence tomography findings in autoimmune retinopathy. Presented at The Virginia Society of Ophthalmology annual meeting, June 2008, Virginia.

31. Ghazi NG. Age-related macular degeneration, is it Still a Blinding Disease? Presented at:
  - i. The AMD Support Group meeting, Senior Center, Charlottesville, Virginia, 2008.
  - ii. The 25th annual Marion K. Humpfries Symposium, Technician Section, UVa, 2008.
32. Ghazi NG. Melanocytic Lesions of the Conjunctiva. Presented at The 25th annual Marion K. Humpfries Symposium, Technician Section, UVa, 2008.
33. Campbell M, Tilton EP, Patel B, Knape RM, Newman SA, Ghazi NG. The Value of Optical Coherence Tomography in Differentiating Chronic Retinal Artery Occlusion from Chronic Optic Neuropathy. Presented at:
  - i. The ARVO annual meeting, 2009.
  - ii. The Virginia Society of Ophthalmology, Virginia Beach, Virginia, 2009.
34. Chen J, Ebmeier S, Ghazi NG. Penetration of Topical Ranibizumab in The Rabbit Eye. Presented at The ARVO annual meeting, 2009. Selected from over 1,500 applicants by the Annual Meeting Program Committee to receive the AFER/Retina Research Foundation Travel Grant, John Chen BS.
35. Abazari A, Allam S, Ghazi NG. Optical Coherence Tomography Findings in Autoimmune and Cancer Associated Retinopathy. Presented at The ARVO annual meeting, 2009.
36. Patel B, White K, Olsakovsky LA, Carter B, Patterson JW, Ghazi NG. A Conjunctival Lesion with Histological Features Similar to Large-Cell Acanthoma of The Skin. Presented at The ARVO annual meeting, 2009.
37. Ghazi NG. Melanocytic Lesions of the Conjunctiva. Presented at The American University of Beirut. April 2009, Beirut, Lebanon.
38. Ghazi NG. Melanomas and Pseudomelanoms of the Iris. Presented at The American University of Beirut. April 2009, Beirut, Lebanon.
39. Azin Abazari, MD; Samuel K. Steven Houston, BS; Olga Morgan, MS; Leslie A. Olsakovsky, MD; Paul M. Phillips, MD; Nicola G. Ghazi, MD. A Novel Approach for processing DSAEK Specimens For Histopathologic Analysis. Presented at The Virginia Society of Ophthalmology, Virginia Beach, Virginia, June 2009.
40. Paul Holland, M.D., Nicola G Ghazi M.D. Purtscher's and Purtscher's - Like Retinopathy. Presented at The Virginia Society of Ophthalmology, Virginia Beach, Virginia, June 2009.
41. Erin E Lichtenstein, MD; Jason Much MD; Laura Cook MD; Nicola G Ghazi MD. The Importance of a Systemic Work Up for Von Hippel Lindau Syndrome in the setting of a Solitary Retinal Hemangioma. Presented at The Virginia Society of Ophthalmology, Virginia Beach, Virginia, June 2009.
42. A. Shakoor, J.J. Chen, S.E. Ebmeier, N. G. Ghazi. Penetration of Topical Ranibizumab in the Rabbit Eye. Presented at The Virginia Society of Ophthalmology, Virginia Beach, Virginia, June 2009. Received the Thomas Frey Resident Award for outstanding research and presentation, Dr. Shakoor.
43. Jason W. Much, M.D. and Leslie A. Olsakovsky, M.D. Lipid in the Cornea. Presented at The Virginia Society of Ophthalmology, Virginia Beach, Virginia, June 2009.
44. Ghazi NG. Nevus or Not? Diagnosis of Iris Melanoma. Presented at the 26th annual Marion K. Humpfries Symposium, Technician Section, UVa, 2009.
45. Ghazi NG. Idiopathic uveal effusion syndrome and angle closure. Presented at the 26th annual Marion K. Humpfries Symposium, UVa, 2009.

46. Ghazi NG. Evidence for Penetration of Topical Ranibizumab in The Rabbit Eye. Presented at the AAOP annual meeting during the AAO meeting, 2009.
47. Abazari A, Ghazi NG. A Modified Surgical Technique for the Management of the Idiopathic Uveal Effusion Syndrome. Presented at The ARVO annual meeting, 2010.
48. Ghazi NG. Optical coherence tomography findings in optic nerve head pit. Presented at The ARVO annual meeting, 2010.
49. Maldonado M, Ghazi NG. Optical coherence tomography findings of polypoidal choroidal vasculopathy. Presented at The ARVO annual meeting, 2010.
50. Burt B, Goldberg R, Geffen D, Ghazi NG. Diffusion weighted Imaging in traumatic optic neuropathy. Presented at The ARVO annual meeting, 2010.
51. Ghazi NG. Optical Biopsy of the Retina using Optical Coherence Tomography: Principles, Limitations and Applications. Presented at The King Khaled Eye Specialist Hospital Grand Rounds, Riyadh, KSA. December 2010.
52. Ghazi NG, Shamsi H, Larsson J, Abboud E. Intravitreal Triamcinolone for Advanced Coats Disease. Presented at:
  - i. The Atlantic Coast Retina Club Meeting/Macula 2011, Wills Eye Hospital, Philadelphia. January 2011.
  - ii. The 2011 Saudi Ophthalmological Society, Riyadh, KSA.
  - iii. The ARVO Annual meeting, Fort Lauderdale, May 2011.
  - iv. The WOC2012, Abu Dhabi, Feb 2012
53. A New Ultrasound Guided Surgical Technique for Sclerostomy Placement in the management of the Idiopathic Uveal Effusion Syndrome Type 3. Presented at the Saudi Ophthalmological Society, Riyadh, KSA, 2011.
54. Ghazi, NG. Topical Therapy for Retinal Diseases. Presented at the Saudi Ophthalmological Society, Riyadh, KSA, 2011.
55. Ghazi, NG. Unusual Retinal OCT cases: Unknowns. Presented at the Saudi Ophthalmological Society, Riyadh, KSA, 2011.
56. Al Shamsi H, Abboud E, Ghazi, NG. The clinical characteristics and treatment outcomes of choroidal melanoma in a tertiary care center in Saudi Arabia: implications for metastasis and mortality. Presented at:
  - i. the ARVO Annual meeting, Fort Lauderdale, May 2011.
  - ii. the WOC2012, Abu Dhabi, Feb 2012
57. Abunajma M, Al-Shamsi H, Al-Dhibi H, Ghazi NG. The Outcomes of vitrectomy for chronic diabetic tractional retinal detachment. Presented at The ARVO annual meeting, 2012.
58. Al Faran A, Al Shamsi H, Mousa A, Ghazi, NG. Spectral-Domain Optical Coherence Tomography Predictors of Visual Outcome Following Intravitreal Bevacizumab in Diabetic Cystoid Macular Edema. Presented at The ARVO annual meeting, 2012.
59. Ghazi NG, Al Shamsi H, Al Kahtani E. Spectral-Domain Optical Coherence Tomography Findings in Polypoidal Choroidal Vasculopathy: The Polyps are Anterior to Bruch Membrane. Presented at The ARVO annual meeting, 2012.
60. Judeibi R, Al Shamsi H, Ghazi NG. Intravitreal Bevacizumab Injections can Release Vitreomacular Adhesions in Eyes with Persistent Diabetic Macular Edema and Vitreomacular Adhesions. Presented at The ARVO annual meeting, 2012.

61. Al Qahtani, A; Ghazi, NG. Coats disease in Saudi Arabia. Presented at The ARVO annual meeting, 2012.
62. Alshahrani ST, Al Rashaed S, Ghazi NG. Characteristics and Outcomes of Rhegmategenous Retinal Detachment in Stickler Syndrome at a Tertiary Eye Care Center in Saudi Arabia. Presented at The ARVO annual meeting, 2012.
63. Al-Shamsi H, Al-Katan H, Ghazi NG. Occult neoplasm in evisceration specimens. Presented at The ARVO annual meeting, 2012.
64. Nowilaty SR, Ghazi NG, Mousa A. The Posterior Pole in Posterior Microphthalmos: Novel Spectral Domain Optical Coherence Tomography Findings. Presented at:
  - i. The AAO annual meeting, 10-13 November, Chicago, Illinois, USA, 2012.
  - ii. Saudi Ophthalmology annual meeting, 03 - 06 March 2013, King Fahd Cultural Center, Riyadh, Saudi Arabia
65. Ghazi NG. OCT Imaging in Diabetic Macular Edema: Therapeutic and Prognostic Implications. Presented at The Saudi Ophthalmological Society (SOS) annual meeting, 2013.
66. Ghazi NG. SD-OCT Findings in Polypoidal Choroidal Vasculopathy: PCV is a Variant of Type 1 CNV. Presented at The SOS annual meeting, 2013.
67. Al-Abdullah AA; Nowilaty SR and Ghazi NG. Intraocular Pressure Trends Following Intravitreal Injections of Anti-VEGF Agents for Diabetic Macular Edema. Presented at The ARVO annual meeting, Seattle, Washington, USA, 2013.
68. Al Faran A; Mousa A; Ghazi NG. Spectral-Domain Optical Coherence Tomography Parameters Associated with Baseline Vision in Diabetic Cystoid Macular Edema. Presented at The ARVO annual meeting, 2013.
69. Ghazi NG; Al Kurayya F; Al-Maghamsi A; Al Saikhan F; Abboud E. Phase I Trial of Subretinal Injection of a Recombinant Adeno-Associated Virus (rAAV2-VMD2-hMERTK) Gene Vector to Patients with MERTK RP. Presented at The ARVO annual meeting, 2013.
70. Masoud J; Al faran A; Mousa A; Ghazi NG. Visual Outcomes Following Bevacizumab Treatment in Diabetic Macular Edema. Presented at The ARVO annual meeting, 2013.
71. Nowilaty SR; Mousa A; Ghazi NG. The Papillomacular Fold in Posterior Microphthalmos: New Insights Based on Novel Spectral-Domain Optical Coherence Tomography Findings. Presented at The ARVO annual meeting, 2013.
72. Sulaiman M. Alsulaiman, MD;1 Abdulaziz Adel Alrushood, MD;1 J. Fernando Arevalo, MD, FACS;1.2 Jluwi Almasaud, MD;1 Sultan Alzaaidi, MD;1 Yahya Alzahrani, MD;1 Nicola G. Ghazi, MD;1 Emad B. Abboud, MD;1 Saba Alrashaed, MD,1 for the KKESH Collaborative Retina Study Group. High-Power Blue Laser Pointer- Induced Maculopathy. Presented at:
  - i. The ARVO annual meeting, 2013. Seattle, WA, USA
  - ii. The American Society of Retina Specialists 31st Annual Meeting. Toronto, ON, Canada. August 24th to 28th, 2013.
  - iii. The Annual Meeting of the American Academy of Ophthalmology. New Orleans, LA. Nov. 15-19th 2013.
  - iv. Best Retina Poster American Academy of Ophthalmology Annual Meeting 2013. Annual Meeting of the American Academy of Ophthalmology. New Orleans, LA.
  - v. The Vail Vitrectomy 2013. Vail, CO, USA. March 16-20, 2013.
  - vi. The XXXVI Brazilian Congress & XXX Pan-American Congress of Ophthalmology. Rio de Janeiro, Brazil. August 7-10, 2013.
  - vii. The SOS annual meeting, 2014. Riyadh, KSA. Received the Fellow Research Award, Dr. Sulaiman.
73. Al-Abdullah AA; Nowilaty SR and Ghazi NG. IOP Trends Following Intravitreal Injections of Anti-VEGF Agents for Diabetic Macular Edema. Presented at:

- i. The Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana, 2013.
  - ii. The SOS annual meeting, 2014. Riyadh, KSA.
- 74. Al Qahtani, A; Ghazi, NG. Clinical characteristics and treatment outcomes of Coats disease in a non-Caucasian population. Presented at The Annual Meeting of the American Society of retina Specialists (ASRS) Toronto, Canada, August 2013.
- 75. Saeed Al Sharani, Ghazi NG, Saba Al Rashaed. Characteristics and Outcomes of Rhegmatogenous Retinal Detachment of Stickler Syndrome in a Tertiary Eye Care Center in Saudi Arabia. Presented at The Annual Meeting of the American Society of retina Specialists (ASRS) Toronto, Canada, August 2013.
- 76. Nowilaty SR, Bar A, Ghazi NG. Posterior Microphthalmos and Hemiretinal Vein Occlusion. Presented at The World Ophthalmology Congress 2014 (WOC2014), Tokyo, Japan, April 2014.
- 77. Rubaian M, Kharashi A, Ghazi NG. The outcomes of myopic macular hole retinal detachment repair. Presented at the SOS annual meeting, 2014. Riyadh, KSA. Received the Resident Research Award, Dr. Rubaian.
- 78. Judaibi R, Ghazi NG. Intravitreal Bevacizumab can Release Vitreomacular Adhesions in Eyes with Macular Edema & Focal Vitreomacular Adhesions. Presented at the SOS annual meeting, 2014. Riyadh, KSA.
- 79. Nicola G. Ghazi, MD; Sulaiman. M Al Sulaiman, MD; Saba Al Rashaed, MD; Mohammad Al-Amry, MD for the KKESH Retina Research Collaborative Group. Full Thickness Macular Hole secondary to High Power, Handheld, Blue Laser: Natural History and Management Outcomes. Presented at The ARVO annual meeting, 2014. Orlando, FL,USA
- 80. Ramzi Al Judaibi, MD; Abdulaziz Al Hadlaq , MD; Nicola G. Ghazi, MD. Visual and Anatomical Outcomes in Congenital Glaucoma-Related Rhegmatogenous Retinal Detachment. Presented at The ARVO annual meeting, 2014. Orlando, FL,USA
- 81. Malek A. AlRobaian, MD; Nicola G. Ghazi, MD; Abdullah S. AlKharashi, MD. Outcomes Of Macular Hole Retinal Detachment in Highly Myopic Eyes. Presented at The ARVO annual meeting, 2014. Orlando, FL,USA
- 82. Khalid Al Rubaie, MD; Nicola Ghazi, MD; J. Fernando Arevalo, MD, FACS. Surgical Outcomes of 20-gauge (G) versus 23-G Pars Plana Vitrectomy in the Management of Traumatic Macular Hole (TMH). Presented at The ARVO annual meeting, 2014. Orlando, FL,USA
- 83. Mohammad Al Amri, MD; Sulaiman Al Sulaiman, MD; Nicola G. Ghazi, MD. Anterior segment injury by hand-held blue laser pointer. Presented at the SOS annual meeting, 2015. Riyadh, KSA. Received the Best Poster Award, Dr. Al Amri.
- 84. Al Bar A, MD; Abboud E, MD; Ghazi NG, MD. Rhegmatogenous retinal detachment in retinitis pigmentosa. Presented at The ARVO annual meeting, 2015. Denver, CO,USA
- 85. Sawsan R. Nowilaty, MD; Amani S. AlBakri, MD; Ahmed Mousa, PhD and Nicola G. Ghazi, MD. The Choroid & Posterior Neural Retina in Posterior Microphthalmos: A Biometric & Optical Coherence Tomographic Analysis. Presented at The ARVO annual meeting, 2015. Denver, CO,USA
- 86. Nicola G. Ghazi, MD; Sulaiman M Alsulaiman, MD; Abdullah Alqahtani, MD; Ahmed Mousa,MD. Awareness of the Medical Community about the Ocular Hazards of Laser Pointers. Presented at The ARVO annual meeting, 2016. Seattle, WA,USA.
- 87. Maha Alshehri, Sawsan R. Nowilaty, Mohammed Alshehri and Nicola G. Ghazi. Visual and Anatomical Outcomes Following Nd:Yag Laser Hyaloidotomy for Premacular Hemorrhage. Presented at The ARVO annual meeting, 2016. Seattle, WA,USA.

88. Ghazi NG. Laser retinal injury. MENA 2016, Dubai, UAE.
89. Ghazi NG, Pichi F, Abboud E, Srivastata S. Application of OCTA to the Iris: Relevance to Diabetic Retinopathy. EVRS meeting, Florence, Italy, 2017
90. Pichi F, Ghazi NG, Abboud E, Srivastata S. Application of OCTA to the Iris: Relevance to Diabetic Retinopathy. AAO meeting, New Orleans, USA, November 2017.
91. Ghazi NG, Pichi F, Abboud E, Srivastata S. OCTA to the Iris and Diabetic Retinopathy. The 5th international OCTA and "En face" OCT congress, Rome, Italy, December, 2017.

**Invited lectures/ Visiting Professorships:**

1. Optical Coherence Tomographic Histologic Correlations in Enucleated Human Eye Specimens, with Emphasis on the Origin of the Outer "Red Line". Presented at The Wilmer Eye Institute at the Johns Hopkins Hospital. January 2006.
2. Combined Pars Plana Vitrectomy/Lensectomy for Macular Hole without Prone position. Presented at The Arab Regional Ophthalmology Meeting, Beirut, March 2006.
3. Optical Coherence Tomographic Histologic Correlations in Enucleated Human Eye Specimens, with Emphasis on the Origin of the Outer "Red Line" II. Presented at The Arab Regional Ophthalmology Meeting, Beirut, March 2006.
4. Optical Coherence Tomography Findings in Diabetic Eyes with Persistent Macular Edema Following Focal Laser Treatment. Presented at The Arab Regional Ophthalmology Meeting, Beirut, March 2006.
5. Optical Coherence Tomography, Tips for the Technician and Physician. Presented at Augusta Medical Center, Augusta, Virginia, USA, May 2007.
6. Melanocytic Lesions of the Conjunctiva. Presented at The Virginia Society of Ophthalmology, Williamsburg, Virginia, USA, June 2007.
7. Optical Biopsy of the Retina. Presented at The University of Virginia Department of Pathology, Pathology Research Seminar Series, Charlottesville, VA, USA, November 2007.
8. The 19th Iranian Annual Congress of Ophthalmology. Distinguished Guest. Tehran, Iran. November 16-19, 2009. Could not make it due to VISA issues.
9. Iris Nevi and Melanomas. Presented at The Virginia Society of Ophthalmology, Virginia Beach, Virginia, USA, June 2009.
10. Melanocytic Lesions of the Iris. What is New in Diagnosis, Management and Research. Presented at Boston University, Department of Ophthalmology, Boston, Massachusetts, USA, June 2009.
11. Noninvasive, Non-contact Optical Biopsy of the Retina. Presented at the Texas Tech University Dean's Grand Rounds, El Paso, TX, USA, November 2009.
12. Surgical Management of the Idiopathic Uveal effusion Syndrome Type III. Presented at The XVIII Lebanese Ophthalmological Society Meeting, Beirut, Lebanon, April 2010.
13. Optical coherence tomography in diabetic macular edema: surgical and prognostic implications. Presented at The 2nd ALHOKAMA Retina meeting, Riyadh, Dec 2010.
14. OCT of the retina: pitfalls and blessings. Presented at The XIV Lebanese Ophthalmological Society Meeting, Beirut, Lebanon, May 2011.

15. Advances in topical therapy of age related macular degeneration: Review and personal experience. Presented at The XIV Lebanese Ophthalmological Society Meeting, Beirut, Lebanon, May 2011.
16. Surgical management of diabetic traction retinal detachment: The blessing of Avastin. Presented at The XIV Lebanese Ophthalmological Society Meeting, Beirut, Lebanon, May 2011.
17. Treatment of diabetic macular edema: a recent paradigm shift. Presented at The XIV Lebanese Ophthalmological Society Meeting, Beirut, Lebanon, May 2011.
18. SD-OCT imaging and prognostic features in Diabetic Macular edema following Anti-VEGF treatment. Presented at The World Ophthalmology Congress, Abu Dhabi, UAE, February 2012.
19. Pathology of Age-Related Macular Degeneration. Presented at The World Ophthalmology Congress, Abu Dhabi, UAE, February 2012.
20. Pathology of Inherited Retinal Diseases. Presented at The World Ophthalmology Congress, Abu Dhabi, UAE, February 2012.
21. Advances in the management of diabetic retinopathy complications. Presented at The King Saud University Diabetes Center, Riyadh, KSA, June 2012.
22. OCT imaging of the retina: A UVA perspective. Presented at The University of Virginia, Department of Ophthalmology, Charlottesville, VA, USA, July 2012.
23. Age-related macular degeneration: clinicopathological correlations. Presented at The University of Virginia, Department of Ophthalmology, Charlottesville, VA, USA, July 2012.
24. Treatment of diabetic retinopathy complications: past, present and future. Presented at The University of Virginia, Department of Ophthalmology, Charlottesville, VA, USA, July 2012.
25. Polypoidal choroidal vasculopathy is not an intrinsic choroidal vasculopathy. Presented at The fourth World Congress on Controversies in Ophthalmology Meeting, Budapest, Hungary, April 2013.
26. Avastin for macular edema secondary to CRVO. Presented at The fourth World Congress on Controversies in Ophthalmology Meeting, Budapest, Hungary, April 2013.
27. Iris tumors: management and differential diagnosis. Presented at The 39th Seminar on Ocular Oncology, KSU, KSA, 2013.
28. Stereotactic radio surgery of uveal melanoma. Presented at The 39th Seminar on Ocular Oncology, KSU, KSA, 2013.
29. Macular hole related to high power, hand held laser devices. Presented at The European Vitreoretinal Society Annual Meeting, Rhodes, Greece, September 2013.
30. Developments in the management of diabetic macular edema. Presented at The South African Vitreoretinal Society Meeting (SAVRS), Knysna, SA, April-May 2014.
31. Advances in the management of diabetic traction retinal detachment. Presented at The South African Vitreoretinal Society Meeting (SAVRS), Knysna, South Africa, April-May 2014.
32. Polypoidal choroidal vasculopathy: Is it truly a distinct entity? Presented at The South African Vitreoretinal Society Meeting (SAVRS), Knysna, South Africa, April-May 2014.
33. Retinal injury due to high-power hand-held laser devices. Presented at The South African Vitreoretinal Society Meeting (SAVRS), Knysna, South Africa, April-May 2014.
34. Rare retinal manifestations of unusually large (myopic) and small (microphthalmic) eyes. Presented at The South African Vitreoretinal Society Meeting (SAVRS), Knysna, South Africa, April-May 2014.

35. MERTK Gene Therapy for Patients with MERTK-related Retinitis Pigmentosa: 2 year outcome update. Presented at Retina International Scientific and Medical Advisory Board (SMAB) Meeting during the ARVO annual meeting, 2015. Denver, CO, USA.
36. Polypoidal choroidal vasculopathy: Evolving Concepts and Management. Presented at the 16th Emirati Society of Ophthalmology Congress, Dec 2015, Dubai, UAE.
37. Subretinal Gene Therapy in Patients with RP due to MERTK Mutations: Phase I Trial. Presented at the 16th Emirati Society of Ophthalmology Congress, Dec 2015, Dubai, UAE.
38. 27-gauge pars plana vitrectomy. EPOMEC 2016, Dubai, UAE.
39. Polypoidal choroidal vasculopathy: lessons learned from clinical trials. FOCUS meeting 2016. Dubai, UAE.
40. OCT morphological parameters & correlation to treatment outcome in DME. FOCUS meeting 2016. Dubai, UAE.
41. Diabetic retinopathy: screening and advances in therapy. Live interview with local and international journalists. FOCUS meeting 2016. Dubai, UAE.
42. Ocular manifestations of high-power laser devices related. MENA meeting, 2016. Dubai, UAE.
43. Polypoidal choroidal vasculopathy: unmet needs. Novartis AMAC Acuity Advisory Board Meeting, 2016. Abu Dhabi, UAE.
44. Aflibercept in the treatment of DME: lessons from clinical trials. 5th Magrabi International Congress for Ophthalmology, 2017. Abu Dhabi, UAE.
45. Eylea in AMD and PCV: lessons learned from clinical trials. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
46. Anti-VEGF treatment in DME: lessons learned from clinical trials. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
47. OCT in DME: a tool for choice of treatment and monitoring of therapeutic effect. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
48. Gene therapy in retinitis pigmentosa: clinical application. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
49. Interesting and challenging case discussions. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
50. PPV using 27g instrumentation across various indications. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
51. Iris tumors: the good and the bad. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
52. A new approach to the treatment of uveal melanoma. The South African Vitreoretinal Society Meeting (SAVRS), Zkukuza, South Africa, April 2017.
53. Simultaneous VEGF and PIGF blockade in DME: lessons learned from clinical trials. The Lebanese Ophthalmological Society Meeting, Beirut, Lebanon, May 2017.
54. Debate: Is it worth initiating 5-6 monthly anti-VEGF intravitreal injections for DME patients? The "DRIVE" event, Dubai, UAE, October 2017.



55. Debate: Proliferative diabetic retinopathy, what is next? The "DRIVE" event, Dubai, UAE, October 2017.
56. Anti-VEGF in PDR: A new era begins! The first Lebanese North Lebanon Ophthalmology meeting, Tripoli, Lebanon, November 2017.
57. OCT and OCTA in DME: Redefining diabetic maculopathy. The first Lebanese North Lebanon Ophthalmology meeting, Tripoli, Lebanon, November 2017.
58. Management of DME cases: debate. The first Lebanese North Lebanon Ophthalmology meeting, Tripoli, Lebanon, November 2017
59. Neovascular ARMD and Polypoidal choroidal vasculopathy (PCV). Where is the difference? ADORE meeting, Abu Dhabi, UAE, January 2018
60. Refractory diabetic macular edema: What do I do? ADORE meeting, Abu Dhabi, UAE, January 2018
61. Treating PDR in 2018: PRP vs Anti-VEGF (pros and cons). The first Cleveland Clinic Abu Dhabi Retina and Uveitis Update meeting, Abu Dhabi, UAE, May 2018
62. Management of diabetic traction retinal detachment in 2018. The first Cleveland Clinic Abu Dhabi Retina and Uveitis Update meeting, Abu Dhabi, UAE, January 2018
63. Luminous study: update and key lessons learnt. Novartis symposium, Beirut Lebanon, June 2018
64. OCT and OCTA in DME and DR: therapeutic biomarkers and new research frontiers. Novartis symposium, Beirut Lebanon, June 2018

### **Trainees / Mentees**

I have always practiced in teaching/training institutions since I graduated. These include the University of Virginia, The Texas Tech University, and The King Khaled Eye Specialist Hospital. Although we do not have a training program yet at Cleveland Clinic Abu Dhabi, we are actively working on setting up one. Through this professional journey, I have trained many students, residents and fellows along the clinical route. Only rarely did I spend any time without a member in training in my rotation. I have also had many students, residents and fellows participate in my clinical research projects. In fact, most of my publications involved members in clinical training. I had the pleasure and honor of overseeing the progress of these trainees along the clinical and clinical research routes.

### **Teaching Administration**

1. Residency Associate/Acting Program Director  
Department of Ophthalmology, University of Virginia Health System  
7/2007-8/2009

### **Teaching Activities**

I have participated in lectures and teaching rotations involving medical students, residents and fellows through out my career. I have always practiced in teaching/training institutions since I graduated. These include the University of Virginia, The Texas Tech University, and The King Khaled Eye Specialist Hospital. Although we do not have a training program yet at Cleveland Clinic Abu Dhabi, we are actively working on setting up one. Through this professional journey, I have delivered numerous, lectures, grandrounds and teaching courses, and was always part of teaching rotations, for students, residents and fellows.

## RESEARCH SUPPORT

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1. The Johns Hopkins/KKESH research collaboration. Analysis of vitreous specimens and membranes to identify regulatory molecules in retinal diseases. PI: Emad Abboud. Co PI: Nicola G. Ghazi, MD. Total: \$281,202. September, 2012-July 2014.
2. The Johns Hopkins/KKESH research collaboration. Analysis of ocular fluid proteomics before and after treatment with anti-VEGF agents in eyes with diabetic retinopathy. PI: Nicola G. Ghazi, MD. Total: \$179,029. October, 2011- July 2014.
3. King Abdul Aziz City for Science and Technology (KACST). Developing a diabetic retinopathy research center of excellence at King Khaled Eye Specialist Hospital. PI: Nicola G. Ghazi, MD. Submitted to King Abdul Aziz City for Science and Technology (KACST). Preliminary approval received but then committee changed and was asked to resubmit from scratch with new application process, which I elected not to do. Total: SAR 2,000,000. October, 2011.
4. Richmond Eye and Ear Foundation. Ocular Penetration of a New Topical Drug into Rabbit Eyes for Potential Use in Macular Degeneration. A Pilot Study. PI: Nicola G. Ghazi, MD. Total: \$50,000. December, 2007- November 2011.
5. Richmond Eye and Ear Foundation. Radio sensitization of uveal melanoma in a Rabbit Model. MD. PI: Nicola G. Ghazi, MD. Total: \$45,000. April, 2009-August 2009.
6. Academic Support-Department of Ophthalmology, University of Virginia. Optical Coherence Tomography of enucleated Human Eye Specimens with Histological Correlation II. Project # 104852; Total direct cost: \$5,000. August 2005 - December 2006.
7. Evaluation of Retinal Disease by Advanced Fundus Imaging and Function Testing. Lions Sight Foundation of Virginia. Total direct cost: \$350,000. PI: Brian Conway, MD. Co-investigator: Nicola Ghazi, MD. March 29, 2004 – April 2010.

## BIBLIOGRAPHY

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### Peer Reviewed Articles

Peer-reviewed publications:

1. Maalouf R, Ghazi N, Tawil N, and Abou Ghaneem M. Involutional Entropion in a Child with Cutis Laxa: Case Report and Clinicopathologic Study. *Br J Ophthalmol* 2000; 84:1432-8.
2. Khawwam E, Ghazi N, Salti IA. "Jampolsky Syndrome": Superior Rectus Overaction Contracture Syndrome. *Binocul Vis Strabismus Q.* 2000; 15:331-42.
3. Mansour AM, Ghazi N, Shoughari A. Bilateral Eyelid and Conjunctival Hemorrhages During Scuba Diving: the Mask Squeeze Effect. *Middle East J Ophthalmol* 2000; 8:47-50.
4. Ghazi NG, Jabbour NM, De La Cruz Z, Green WR. Clinicopathologic Studies of Age-Related Macular Degeneration with Classic Subfoveal Choroidal Neovascularization Treated with Photodynamic Therapy. *Retina* 2001; 21:478-86.
5. Mansour AM, Shoughari AT, Ghazi NG, Mokdad F, Ghosn M. Health Status of Lebanese Ophthalmologists. *Clin Experiment Ophthalmol.* 2002; 30:60-1.
6. Ghazi NG, Gollance SA, Green WR. Choroidal Vascular Occlusion in a Child with a Connective Tissue Disease and Complement C4 Deficiency. *Ophthalmology* 2002; 109:1272-7.

7. Ghazi NG, Green WR. Pathology and Pathogenesis of Retinal Detachment. *Eye* 2002; 16:411-21.
8. Ghazi NG. Retinal Angiomatous Proliferation in Age-Related Macular Degeneration: correspondence. *Retina* 2002; 22:509-12.
9. Ma'luf RN, Ghazi NG, Zein WM, Hadi UM. Orbital Osteoma Arising Adjacent to a Foreign Body. *Ophthal Plast Reconstr Surg*. 2003;19:327-330.
10. Ghazi NG, Haddad R, Jurdi F, Nouredine B, Bashshur Z. Tissue Plasminogen Activator in the Management of Central Retinal Vein Occlusion. *Retina*. 2003; 23:780-4.
11. Ghazi, NG. Adult-Onset Foveomacular Vitelliform Dystrophy: A Study by Optical Coherence Tomography: correspondence. *Am J Ophthalmol* 2003;136:962-4.
12. Ghazi NG, Conway BP. Retinal Angiomatous Proliferation with a Cilio-retinal Artery Anastomosis: an Unusual Presentation. *Graefes Arch Clin Exp Ophthalmol*. 2005 May;243(5):493-6. Epub 2004 Dec 17.
13. Emerson GG., Ghazi NG. Spontaneous Rip of the Retinal Pigment Epithelium with a Macular Hole in Neovascular Age-Related Macular Degeneration. *Am J Ophthalmol* 2005 Aug;140(2):316-8.
14. Mansour AM, Chan CC, Crawford MA, Tabbarah ZA, Shen D, Haddad WF, Salti I, Ghazi NG. Virus-Induced Chalazion. *Eye*. 2006 Feb;20(2):242-6.
15. Ma'luf RN, Nouredin BN, Ghazi NG, Tawil AN, Allam SS. Bilateral, Localized Orbital Neurofibromas and Charcot-Marie-Tooth Disease. *Arch Ophthalmol* 2005;123:1443-5.
16. Ghazi NG, Dibernardo C, Ying H, Mori K, Gehlbach PL. Optical Coherence Tomography of Peripheral Retinal Lesions in Enucleated Human Eye Specimens with Histological Correlation. *Am J Ophthalmol* 2006;141:740-2.
17. Ghazi NG, Dibernardo C, Ying H, Mori K, Gehlbach PL. Optical Coherence Tomography of Enucleated Human Eye Specimens with Histological Correlation: Origin of the Outer "Red Line". *Am J Ophthalmol* 2006;141:719-726.
18. Ghazi NG, Jane JA, Lopes MB, Newman SA. Capillary hemangioma of the cauda equina presenting with radiculopathy and papilledema. *J Neuroophthalmol* 2006;26:98-102.
19. Ghazi NG, Bowman A, Shields M. Sclerosing Extramedullary Hematopoietic Tumor Involving the Lacrimal System. A Clinicopathologic correlation. *Ophthal Plast Reconstr Surg* 2006 Jul-Aug;22:296-8.
20. Ghazi NG, Knape RM. Optical Coherence Tomography of Peripheral Retinal Lesions in Enucleated Human Eye Specimens with Histologic Correlation II. *Curr Eye Res* 2006 Dec;31:1047-9.
21. Ghazi NG, Dakkash A, Conway BP. Acute Idiopathic Maculopathy Report of a Bilateral Case Manifesting a Macular Hole. *Ophthalmology*. 2007 Jan 26; [Epub ahead of print].
22. Ghazi NG, Ciralsky B, Shah SM, Campochiaro PA, Haller JA. Optical Coherence Tomography Findings in Persistent Diabetic Macular Edema: The Vitreomacular Interface. *Am J Ophthalmol* 2007;144:747-754. Epub 2007 Sep 17.
23. Ghazi NG, Knape R, Kirk T, Tiedeman JS, Conway BP. Intravitreal Bevacizumab (AVASTIN) Treatment of retinal angiomatous proliferation. *Retina* 2008; 28:689-695.
24. Ghazi NG, Conway BP, Tiedeman JS, Yoon SJ. Is reduction in the risk of vision loss the only benefit of photodynamic therapy in predominantly classic subfoveal choroidal neovascularization? *Clin Ophthalmol*. 2008;2:773-80.

25. Ghazi NG, Ketcherside C, Conway BP, Sheehan J. Outcomes of Gamma Knife Therapy for Uveal Melanoma. *Open Access Surgery* 2008;1: 21–24.
26. Ghazi NG, Daccache A, Tiedeman JS. Combined Pars Plana Vitrectomy/Lensectomy for Macular Hole Repair without Prone Position. *Digital Journal of Ophthalmology*, 2008;14:3.
27. Ghazi NG, Kirk T, Allam S, Yan G. Quantification of error in optical coherence tomography central macular thickness measurement in wet age-related macular degeneration. *Am J Ophthalmol* 2009;148:90-6.e2. Epub 2009 Apr 29.
28. Ghazi NG, Much J. The Effect of Lubricating eye drops on Optical Coherence Tomography Imaging of the Retina. *Digital Journal of Ophthalmology* 2009;15,2.
29. Houston SK, Bourne TD, Lopes MB, Ghazi NG. Bilateral massive retinal gliosis associated with retinopathy of prematurity. *Arch Pathol Lab Med*. 2009;133:1242-5.
30. Javan R, Ghazi NG, Jaafari E. Therapeutic Effects of Selective Laser Trabeculoplasty in Open Angle Glaucoma. In Press, DJO.
31. Ghazi NG, Tilton EP, Patel B, Knape RM, Newman SA. Comparison of macular optical coherence tomography findings between postacute retinal artery occlusion and nonacute optic neuropathy. *Retina* 2010;30:578-85.
32. Ghazi NG, Kirk TQ, Knape RM, Tiedeman JS, Conway BP. Is monthly injections of intravitreal bevacizumab necessary in age-related macular degeneration? *Clinical Ophthalmology* 2010;4 307–314.
33. Steven Houston SK, Morgan O, Olsakovsky LA, Phillips PM, Ghazi NG. A novel approach to processing descemet stripping automated endothelial keratoplasty specimens for histopathologic analysis. *Cornea*. 2010;29:1452-4.
34. Ghazi NG, Patel BS, Olsakovsky LA, White K, Patterson JW, Carter B. A conjunctival lesion with histological features similar to large-cell acanthoma of the skin. *J Cutan Pathol*. 2010;37:1103-6.
35. Ghazi NG. Expert Review: Bevacizumab for neovascular age related macular degeneration (ABC Trial): multicenter randomized double masked study. *Expert Rev of Clin Pharmacol* 2010;3:747-752.
36. Fahed DC, Ghazi NG, Jabbour NM, Fahed CD, Fahed JC, Salti HI. Impact of AREDS in a developing country five years after the publication of the study. *Eur J Ophthalmol* 2011;21:67-72.
37. Chahal HS, Much JW, Newman SA, Ghazi NG. Hypertensive Retinopathy in a Child. *Br J Ophthalmol* 2011;95:741; quiz 755-6.
38. Greene DP, Richards CP, Ghazi NG. Comparison of Optical Coherence Tomography Findings in a Patient with Central Retinal Artery Occlusion in One Eye and End-stage Glaucoma in the Fellow Eye. *Middle East Afr J Ophthalmol* 2012 Apr-Jun;19(2):247-50. doi: 10.4103/0974-9233.95265.
39. Abazari A, Allam SS, Adamus G, Ghazi NG. Optical Coherence Tomography Findings in Autoimmune Retinopathy. *Am J Ophthalmol* 2012 Jan 13. [Epub ahead of print]
40. Chen JJ, Ebmeier SE, Sutherland WM, Ghazi NG. Potential Penetration of topical ranibizumab (lucentis) in the rabbit eye. *Eye (Lond)*. 2011 Nov;25(11):1504-11.
41. Ghazi NG, Sams WE. A Case of Cat-scratch Disease with Unusual Ophthalmic Manifestations. *Middle East Afr J Ophthalmol*. 2012 Apr;19(2):243-6.
42. Ghazi NG, Al Shamsi H, Larsson J, Abboud E. Intravitreal Triamcinolone in Coats Disease. *Ophthalmology* 2012 Mar;119(3):648-649.e2.

43. Al Shamsi H, Ghazi NG. Diabetic macular edema: new trends in management. *Expert Rev Clin Pharmacol.* 2012 Jan;5(1):55-68.
44. Ghazi NG, Scruggs RT, Batchelet AR, Compton MW, Allam SS, Patrie J, Salti HI. Diabetic macular edema. *Ophthalmology* 2012 Dec;119:2643-2643.e1. doi: 10.1016/j.ophtha.2012.07.075.
45. Ghazi NG, Abazari A, Richards C. An Ultrasound-Guided Surgical Technique for the Management of the Uveal Effusion Syndrome. *Retina.* 2013 Jun;33(6):1211-9. doi: 10.1097/IAE.0b013e3182790eb8.
46. Nowilaty S, Mousa A, Ghazi NG. Posterior Pole Curvature and Papillomacular Folds in Posterior Microphthalmos: New Spectral-Domain Optical Coherence Tomography Findings. *Ophthalmology.* 2013 Aug;120(8):1656-64. doi: 10.1016/j.ophtha.2013.01.026. Epub 2013 May 19. Featured as the cover page of the volume issue.
47. Galvez-Ruiz A, Ghazi N, Ruhaily Y. Papilledema and optic disc pit: The association of two pathologies in one patient. *Saudi J Ophthalmol.* 2012 Oct;26(4):445-8. doi: 10.1016/j.sjopt.2012.08.004.
48. Al Shamsi H, Masoud J, MD; Ghazi NG. Diabetic macular edema: new promising therapies. *World J Diabetes.* 2013 Dec 15;4(6):324-338.
49. Alsulaiman SM, Alrushood AA, Almasaud J, Alzaaidi S, Alzahrani Y, Arevalo JF, Ghazi NG, Abboud EB, Nowilaty SR, Al-Amry M, Al-Rashaed S; King Khaled Eye Specialist Hospital Collaborative Retina Study Group. High-power handheld blue laser-induced maculopathy: the results of the King Khaled Eye Specialist Hospital Collaborative Retina Study Group. *Ophthalmology.* 2014 Feb;121(2):566-72.e1. doi: 10.1016/j.ophtha.2013.09.006. Epub 2013 Nov 1.
50. Al Faran A, Mousa A, Al Shamsi H, Al Gaeed A, Ghazi NG. Spectral-Domain Optical Coherence Tomography Predictors of Visual Outcome in Diabetic Cystoid Macular Edema After Bevacizumab Therapy. *Retina.* 2014 Jun;34(6):1208-15.
51. Shehri M, Bouhenni R, Ghazi NG, Abu Safieh L, Edward DP. Retinal Reactive Astrocytic Tumor: Gene Expression Profiling. *JAMA Ophthalmol.* 2014 Jun 1;132(6):773-5.
52. Alshahrani ST, Al Shamsi HN, Kahtani ES, Ghazi NG. Spectral-domain optical coherence tomography findings in polypoidal choroidal vasculopathy suggest a type 1 neovascular growth pattern. *Clin Ophthalmol* 2014 Sep 1;8:1689-95. doi: 10.2147/OPTH.S68471. eCollection 2014.
53. Mansour AM, Arevalo JF, Al Kahtani E, Zegarra H, Abboud E, Anand R, Ahmadi H, Sisk RA, Mirza S, Tuncer S, Navea Tejerina A, Mataix J, Ascaso FJ, Pulido JS, Guthoff R, Goebel W, Roh YJ, Banker AS, Gentile RC, Martinez IA, Morris R, Panday N, Min PJ, Mercé E, Lai TY, Massoud V, Ghazi NG. Role of Intravitreal Antivascular Endothelial Growth Factor Injections for Choroidal Neovascularization due to Choroidal Osteoma. *J Ophthalmol.* 2014;2014:210458. doi: 10.1155/2014/210458. Epub 2014 Jul 23.
54. Kozak I, Mansour A, Diaz RI, Calzada JI, Pichi F, Cruz-Villegas V, Diaz-Llopis M, Gallego-Pinazo R, Chhablani J, Martinez-Cartier M, Meerhoff M, Mieler WF, Arevalo JF; King Khaled Eye Specialist Hospital International Collaborative Retina Study Group. Outcomes of treatment of pediatric choroidal neovascularization with intravitreal antiangiogenic agents: the results of the KKESH International Collaborative Retina Study Group. *Retina.* 2014 Oct;34(10):2044-52. doi: 10.1097/IAE.0000000000000200.
55. AIBar AA, Nowilaty SR, Ghazi NG. Nanophthalmos and Hemiretinal Vein Occlusion: A Case Report. *Saudi J Ophthalmol.* 2015 Jan-Mar;29(1):89-91.

56. Alshahrani ST, Ghazi NG. Navigated laser (NAVILAS) therapy for choroidal vascular and hyper permeability pathologies. *Retin Cases Brief Rep.* 2015 Spring;9(2):117-20. doi: 10.1097/ICB.000000000000107.
57. Al-Abdullah AA, Nowilaty SR, Asghar N, Al-Kharashi AS, Ghazi NG. INTRAOCULAR PRESSURE TRENDS AFTER INTRAVITREAL INJECTIONS OF ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR AGENTS FOR DIABETIC MACULAR EDEMA. *Retina.* 2015 Mar;35(3):440-8. doi: 10.1097/IAE.0000000000000371.
58. Albar AA, Nowilaty SR, Ghazi NG. Posterior microphthalmos and papillomacular fold-associated cystic changes misdiagnosed as cystoid macular edema following cataract extraction. *Clin Ophthalmol.* 2015 Jan 7;9:73-6. doi: 10.2147/OPHTH.S75771. eCollection 2015.
59. Edward DP, Alkatan H, Rafiq Q, Eberhart C, Al Mesfer S, Ghazi N, Al Safieh L, Kondkar AA, Abu Amero KK. MicroRNA Profiling in Intraocular Medulloepitheliomas. *PLoS One.* 2015 Mar 25;10(3):e0121706.
60. Alsulaiman SM, Alrushood AA, Almasaud J, Alkharashi AS, Alzahrani Y, Abboud EB, Nowilaty SR, Arevalo JF, Al-Amry M, Alrashaed S, Ghazi NG; King Khaled Eye Specialist Hospital Collaborative Retina Study Group. Full Thickness Macular Hole Secondary to High-Power Handheld Blue Laser: Natural History and Management Outcomes. *Am J Ophthalmol.* 2015 Jul;160(1):107-113.e1. doi: 10.1016/j.ajo.2015.04.014.  
**Featured in Ocular Surgery News, July 24, 2015.**
61. Al-Qahtani AA, Almasaud JM, Ghazi NG. CLINICAL CHARACTERISTICS AND TREATMENT OUTCOMES OF COATS DISEASE IN A SAUDI ARABIAN POPULATION. *Retina.* 2015 May 13. [Epub ahead of print]
62. Salti HI, Antonios RS, Haddad SS, Hamam RN, Bashshur ZF, Ghazi NG. Combined Nonmydriatic Spectral-Domain Optical Coherence Tomography and Nonmydriatic Fundus Photography for the Detection of Age-Related Macular Degeneration Changes. *Ophthalmic Surg Lasers Imaging Retina.* 2015 May 1;46(5):531-7. doi: 10.3928/23258160-20150521-04.
63. Alsulaiman SM, Almasaud J, Alkharashi AS, Alzahrani Y, Abboud EB, Nowilaty SR, Al-Amry M, Alrashaed S, Alrushood AA, Arevalo JF, Ghazi NG; King Khaled Eye Specialist Hospital Collaborative Retina Study Group. Full-Thickness Macular Hole Secondary to High-Power Handheld Blue Laser: Natural History and Management Outcomes. *Am J Ophthalmol.* 2015 Nov;160(5):1085. doi: 10.1016/j.ajo.2015.08.003. Epub 2015 Aug 28.
64. Alshahrani ST, Ghazi NG, Al-Rashaed S. Rhegmatogenous retinal detachments associated to Stickler syndrome in a tertiary eye care center in Saudi Arabia. *Clin Ophthalmol.* 2015 Dec 21;10:1-6.
65. Al Judaibi RM, Al Shamsi H and Ghazi NG. Intravitreal Bevacizumab Injections Can Release Vitreomacular Adhesions in Eyes with Persistent Diabetic Macular Edema and Focal Vitreomacular Adhesions. *Journal of Ophthalmology and Visual Sciences.* 2016 Feb; 1(1):1001.
66. Ghazi NG, Abboud EB, Nowilaty SR, Alkuraya H, Alhommadi A, Cai H, Hou R, Deng WT, Boye SL, Almaghami A, Al Saikhan F, Al-Dhibi H, Birch D, Chung C, Colak D, LaVail MM, Vollrath D, Erger K, Wang W, Conlon T, Zhang K, Hauswirth W, Alkuraya FS. Treatment of retinitis pigmentosa due to MERTK mutations by ocular subretinal injection of adeno-associated virus gene vector: results of a phase I trial. *Hum Genet.* 2016 Mar;135(3):327-43.
67. Alsulaiman SM, Ghazi NG. A case of recurrent, self-inflicted handheld laser retinopathy. *J AAPOS.* 2016 Jun;20(3):286.
68. Muneera Abu Najma, Hassan Al-Dhibi, Emad B. Abboud, Yahya Al Zahrani, Essam Alharthi, Abdullah Alkharashi, Nicola G. Ghazi. The outcomes and prognostic factors of vitrectomy in chronic diabetic traction macular detachment. *Clin Ophthalmol.* 2016 Aug 26;10:1653-61.

69. Alsulaiman SM, Kahtani Abdallah, Mousa A, Ghazi NG. Laser Pointers: How Much Does the General Medical Community know?. *Graefe's Archive for Clinical and Experimental Ophthalmology*, 2017 Mar;255(3):635-636.
70. AlBakri A, Ghazi NG, Khan AO. Biometry, optical coherence tomography, and further clinical observations in Knobloch syndrome. *Ophthalmic Genet*. 2017 Mar-Apr;38(2):138-142.
71. E Kahtani, Z Xu, S Rashaed, L Wu, A Mahale, J Tian, EB Abboud, NG Ghazi, I Kozak, V Gupta, JF Arevalo, and EJ Duh. Vitreous levels of placental growth factor correlate with activity of proliferative diabetic retinopathy and are not influenced by bevacizumab treatment. *Eye (Lond)*. 2017 Apr;31(4):529-536.
72. Al-Amry MA, Alsulaiman SM, Ghazi NG. Anterior segment injury by a high-power handheld blue laser device. *Ocul Immunol Inflamm*. 2017 Jun 16:1-3. doi: 10.1080/09273948.2017.1327603. [Epub ahead of print]
73. Alsulaiman SM, Marwani M, Ghazi NG. Intraretinal Macular Hemorrhage due to High-Power Handheld Blue Laser. *Can J Ophthalmol*. 2017 Oct;52(5):e193-e195.
74. Pichi F; Abboud EB; Ghazi NG; Khan AO. FUNDUS AUTOFLUORESCENCE IMAGING IN HEREDITARY RETINAL DISEASES. *Acta Ophthalmologica* 2017. Nov 2. doi: 10.1111/aos.13602.
75. Haytham Salti, Carl-Joe Mehanna, Bachir Abiad, Nicola Ghazi, Anita Barikian, Randa S. Haddad, Adnan Ashkar, Elie Harmoush, Elie Zaghrini and Afif Mufarrij. Changing Trends in Eye-Related Complaints Presenting to the Emergency Department in Beirut, Lebanon Over 15 Years". In press. *Journal of Ophthalmology*
76. Khan AO, Ghazi NG. The distinct optic disk and peripapillary appearance in Donnai-Barrow syndrome. *Ophthalmic Genet*. 2018 Feb 1:1-4. doi: 10.1080/13816810.2018.1430245. [Epub ahead of print]
77. Eladawi N, Elmogy M, Khalifa F, Ghazal M, Ghazi N, Aboelfetouh A, Riad A, Sandhu H, Schaal S, El-Baz A. Early Diabetic Retinopathy Diagnosis Based on Local Retinal Blood Vessels Analysis in Optical Coherence Tomography Angiography (OCTA) Images. *Med Phys*. 2018 Feb 22. doi: 10.1002/mp.12825. [Epub ahead of print]
78. Pichi F, Freund KB, Ciardella A, Morara M, Abboud EB, **Ghazi N**, Dackiw C, Choudhry N, Souza EC, Cunha LP, Arevalo JF, Liu TYA, Wenick A, He L, Villarreal G Jr, Neri P, Sarraf D. Congenital Retinal Macrovascular and the Association of Retinal Venous Malformations With Venous Malformations of the Brain. *JAMA Ophthalmol*. 2018 Mar 1. doi: 10.1001/jamaophthalmol.2018.0150. [Epub ahead of print]. **Featured in The JAMA Network Reader**

### **Edited Books, Monographs or Journal Volumes**

1. Steve Charles, MD; Jorge Calzada, MD; and Byron Wood. *Vitreous Microsurgery*, 4th Edition, 2007, Lippincott Williams and Wilkins, Philadelphia, PA
2. Yanoff and Sassani. *Ocular Pathology*, 6th Edition, 2009. Mosby, St. Louis, MI.

### **Book Chapters**

1. Ghazi NG, Schachat AP. Leukemia/lymphomas. In: Huang D, Kaiser PK, Lowder CY, Traboulsi EI, editors. Retinal Imaging, 1<sup>st</sup> Edition, Philadelphia, PA: Mosby, 2006, Sec. VI, Ch. 66:537-542.
2. Ghazi NG. Section 9 editor: Retina. In: Gold DH, Lewis RA, editors. Clinical eye atlas. American Medical Association Press, 2009, 2nd edition, Sec 9:635-794.
3. Michael G. Levien, Nicola G. Ghazi, Arun D. Singh. Principles and complications of chemotherapy. In: Singh A and Damato B, editors: Clinical Ophthalmic Oncology, 2nd edition, New York, NY: Springer 2014, section 1, Ch. 12:113-122.
4. Abazari A, Ghazi NG, Karcioğlu ZA: Diabetic Eye Disease. In: Lerma E and Batuman V, editors. Diabetes and Kidney Disease. New York, NY: Springer 2014. Ch 13:153-162.

#### **Audio/Video/CD-Rom, etc.**

1. Ghazi NG, Ciralsky B, Shah SM, Campochiaro PA, Haller JA. "OCT Superior for Detecting Vitreomacular Interface Abnormalities after Laser Treatment of Eyes with Persistent DME." Highlighted in Review of Ophthalmology, Retina online. Volume 3, Number 11, November 2007.

#### **Published Abstracts**

1. N.G. Ghazi, J.S. Tiedeman, and B.P. Conway. Is Reduction in the Risk of Vision Loss the Only Benefit of Photodynamic Therapy in Predominantly Classic Subfoveal Choroidal Neovascularization? Invest. Ophthalmol. Vis. Sci. 2003; 44: E-Abstract 1805.
2. J.A. Haller, J.B. Ciralsky, N. Ghazi, and P.A. Campochiaro. Optical Coherence Tomography (OCT) Characteristics of Eyes with Persistent Diabetic Macular Edema (DME) Invest. Ophthalmol. Vis. Sci. 2004; 45: E-Abstract 3462.
3. N.G. Ghazi, C. Dibernardo, H. Ying, K. Mori, and P. Gehlbach. Optical Coherence Tomography of Enucleated Human Eye Specimens With Histological Correlation: Evaluation of the Origin of the Outer "Red Line" and Peripheral Retinal Pathology. Invest. Ophthalmol. Vis. Sci. 2005; 46: E-Abstract 3469.
4. N.G. Ghazi, A. Daccache, and J.S. Tiedeman. Combined Pars Plana Vitrectomy/Lensectomy as a Primary Procedure for Idiopathic Macular Hole Repair Without Postoperative Prone Positioning. Results of a 10 Year Experience. Invest. Ophthalmol. Vis. Sci. 2006; 47: E-Abstract 1468.
5. R. Javan, E. Jafari, N.G. Ghazi, L. Olsakovsky, and S. Fallah. Acute Sulfate Keratopathy following Mineral Spring Water Bathing. Invest. Ophthalmol. Vis. Sci. 2006; 47: E-Abstract 69.
6. E.P. Tilton, N.G. Ghazi, A. Daccache, and B.P. Conway. Acute Idiopathic Maculopathy: Report of a Bilateral Case Manifesting a Macular Hole. Invest. Ophthalmol. Vis. Sci. 2006; 47: E-Abstract 3249.
7. C.S. Ketcherside, N.G. Ghazi, J. Sheehan, and B.P. Conway. Outcome of Uveal Melanomas Treated with Gamma Knife Radiosurgery. Invest. Ophthalmol. Vis. Sci. 2006; 47: E-Abstract 2265.
8. E. P. Tilton, N. G. Ghazi, R. Knape, P. M. Phillips, and S. A. Newman. Optical Coherence Tomography Findings in Central and Branch Retinal Artery Occlusion. Invest. Ophthalmol. Vis. Sci. 2007; 48: E-Abstract 2593.
9. J. W. Much, N. G. Ghazi, P. M. Phillips, and S. A. Newman. The Effect of Lubricating Eye Drops on Optical Coherence Tomography Imaging of the Retina. Invest. Ophthalmol. Vis. Sci. 2007; 48: E-Abstract 2614.



10. T. Q. Kirk, N. G. Ghazi, A. S. Baras, J. S. Tiedeman, and B. P. Conway. Errors in Automated Retinal Thickness Measurements by Optical Coherence Tomography in Neovascular Age-Related Macular Degeneration. *Invest. Ophthalmol. Vis. Sci.* 2007; 48: E-Abstract 2619.
11. R. M. Knape, N. G. Ghazi, T. Q. Kirk, J. S. Tiedeman, and B. P. Conway. Is Monthly Retreatment With Intravitreal Bevacizumab (Avastin®) Necessary in Neovascular Age-Related Macular Degeneration? *Invest. Ophthalmol. Vis. Sci.* 2007; 48: E-Abstract 3348.
12. N. G. Ghazi, R. M. Knape, T. Q. Kirk, J. S. Tiedeman, and B. P. Conway. Intravitreal Bevacizumab (Avastin®) in the Treatment of Retinal Angiomatous Proliferation. *Invest. Ophthalmol. Vis. Sci.* 2007; 48: E-Abstract 4556.
13. A. R. Batchelet, M. W. Compton, S. S. Allam, and N. G. Ghazi. Prognostic Optical Coherence Tomography Factors in Cystoid Macular Edema. *Invest. Ophthalmol. Vis. Sci.* 2008; 49: E-Abstract 2689.
14. R. Javan, B. S. Jeun, N. G. Ghazi, and S. B. Gay. Interactive 3D Simulation of the Eye and Orbit to Enhance Learning of Relevant Anatomy and Pathology: A First-Person Shooter "Serious Gaming" Project. *Invest. Ophthalmol. Vis. Sci.* 2008; 49: E-Abstract 4375.
15. S. K. Houston, III, and N. G. Ghazi. Bilateral Massive Retinal Gliosis in a Patient With Bilateral Retinal Detachment in the Setting of Retinopathy of Prematurity. *Invest. Ophthalmol. Vis. Sci.* 2008; 49: E-Abstract 5945.
16. M. Campbell, E. P. Tilton, R. M. Knape, B. Patel, S. A. Newman, and N. G. Ghazi. The Value of Optical Coherence Tomography in Differentiating Chronic Retinal Artery Occlusion from Chronic Optic Neuropathy. *Invest. Ophthalmol. Vis. Sci.* 2009 50: E-Abstract 3285.
17. A. Abazari, S. S. Allam, and N. G. Ghazi. Optical Coherence Tomography Findings in Autoimmune Retinopathy. *Invest. Ophthalmol. Vis. Sci.* 2009 50: E-Abstract 3288.
18. J. J. Chen and N. G. Ghazi. Penetration of Topical Ranibizumab in the Rabbit Eye. *Invest. Ophthalmol. Vis. Sci.* 2009 50: E-Abstract 6242.
19. B. Patel and N. Ghazi. Large-Cell Acanthoma of the Conjunctiva: A New Entity With Possible Malignant Potential. *Invest. Ophthalmol. Vis. Sci.* 2009 50: E-Abstract 2624.
20. N. G. Ghazi. Demonstration of Optic Nerve Head Pit Communication With the Vitreous Cavity and Orbit Using Spectral Domain Optical Coherence Tomography. *Invest. Ophthalmol. Vis. Sci.* 2010 51: E-Abstract 4362.
21. M. F. Maldonado and N. G. Ghazi. Demonstration of Polyps in Polypoidal Choroidal Vasculopathy by High Definition Spectral Domain Optical Coherence Tomography. *Invest. Ophthalmol. Vis. Sci.* 2010 51: E-Abstract 4386.
22. A. Abazari and N. G. Ghazi. A New Ultrasound-Guided Surgical Technique for the Management of Idiopathic Uveal Effusion Syndrome in Eyes With Normal Axial Length. *Invest. Ophthalmol. Vis. Sci.* 2010 51: E-Abstract 3615.
23. N.G. Ghazi, H. Al Shamsi, and J. Larsson. Effect of Intravitreal Triamcinolone in Advanced Coats Disease: Observations in Two Cases with Stages 4 and 5 Disease. *Invest Ophthalmol Vis Sci* 2011;52: E-Abstract 6155.
24. H.N. Al-Shamsi, E. Abboud, and N.G. Ghazi. Choroidal Melanoma in a Tertiary Eye Care Center in Saudi Arabia: Clinical Characteristics and Treatment Outcomes. *Invest Ophthalmol Vis Sci* 2011;52: E-Abstract 3268.
25. Ramzi M. Al Judaibi, Hanan Al Shamsi and Nicola G. Ghazi. Intravitreal Bevacizumab Injections can Release Vitreomacular Adhesions in Eyes with Persistent Diabetic Macular Edema and Vitreomacular Adhesions. *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 416.

26. Nicola G. Ghazi, Hanan Al Shamsi and Eman Al Kahtani. Spectral-Domain Optical Coherence Tomography Findings in Polypoidal Choroidal Vasculopathy: The Polyps are Anterior to Bruch Membrane. *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 1168.
27. Abdulrahman M. Al Faran, Sr., Hanan Alshamsi, Abdulrahman Algaeed, Ahmed Mousa, and Nicola Ghazi. Spectral-Domain Optical Coherence Tomography Predictors of Visual Outcome Following Intravitreal Bevacizumab in Diabetic Cystoid Macular Edema. *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 2655.
28. Hanan N. Al-Shamsi, Hind Al-Katan and Nicola G. Ghazi. Occult neoplasm in evisceration specimens. *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 4934
29. Abdullah A. Alqahtani and Nicola G. Ghazi. Coats disease in Saudi Arabia *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 5816.
30. Saeed T. Al Shahrani, Seba Alrashaed and Nicola G. Ghazi. Characteristics and Outcomes of Rhegmateogenous Retinal Detachment in Stickler Syndrome at a Tertiary Eye Care Center in Saudi Arabia. *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 5811.
31. Muneera A. Abunajma, Hanan N. Al-Shamsi, Hassan Al-Dhibi and Nicola G. Ghazi. The Outcomes of vitrectomy for chronic diabetic tractional retinal detachment. *Invest Ophthalmol Vis Sci* 2012;53: E-Abstract 5786.
32. Sawsan Nowilaty, Ahmed Mousa, and Nicola G. Ghazi. The Papillomacular Fold in Posterior Microphthalmos: New Insights Based on Novel Spectral-Domain Optical Coherence Tomography Findings. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):5819.
33. Nicola G. Ghazi, Fowzan Alkuraya, Abdulrahman Al-Maghamsi, Fahad Al Saikhan, and Emad Abboud. Phase I Trial of Subretinal Injection of a Recombinant Adeno-Associated Virus (rAAV2-VMD2-hMERTK) Gene Vector to Patients with MERTK RP. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):651.
34. Abdulrahman Alfaran, Ahmed Mousa, and Nicola G. Ghazi. Spectral-Domain Optical Coherence Tomography Parameters Associated with Baseline Vision in Diabetic Cystoid Macular Edema. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):2370.
35. Jluwi almasaud, Abdulrahman Alfaran, Ahmed Mousa, and Nicola G. Ghazi. Visual Outcomes Following Bevacizumab Treatment in Diabetic Macular Edema. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):2392.
36. Sulaiman Alsulaiman, Abdulaziz Alrushood, Jluwi almasaud, Sultan Alzaaidi, Yahya Alzahrani, J. Fernando Arevalo, Nicola G. Ghazi, Emad Abboud, Saba Alreshaid, and King Khaled Eye Specialist Hospital Collaborative Retina Study Group. High-Power Blue Laser Pointer- Induced Maculopathy. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):5754.
37. Abdulelah Al-Abdullah, Sawsan Nowilaty, and Nicola G. Ghazi. Intraocular Pressure Trends Following Intravitreal Injections of Anti-VEGF Agents for Diabetic Macular Edema. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):1236.
38. Igor Kozak, Sharif El-Emam, Lingyun Cheng, Dirk-Uwe Bartsch, Jay Chhablani, William Freeman, Nicola G. Ghazi, and J Fernando Arevalo. Fluorescein angiography versus superimposed OCT-guided macular laser photocoagulation. *Invest. Ophthalmol. Vis. Sci.* 2013. 54 (15):4133.
39. Ramzi M Al Judaibi, Abdulaziz Al Hadlaq, and Nicola G Ghazi. Visual and Anatomical Outcomes in Congenital Glaucoma-Related Rhegmatogenous Retinal Detachment. *Invest. Ophthalmol. Vis. Sci.* 2014. 55 (13):1108.

40. Khalid Al Rubaie, Nicola G Ghazi, and Fernando J Arevalo. Long Term Outcomes of 20G versus 23G Pars Plana Vitrectomy in the Treatment of Traumatic Macular Hole. Invest. Ophthalmic. Vis. Sci. 2014. 55 (13):321.
41. Nicola G Ghazi, Sulaiman Alsulaiman, and KKESH retina research collaborative group Full Thickness Macular Hole secondary to High Power, Handheld, Blue Laser: Natural History and Management Outcomes. Invest. Ophthalmic. Vis. Sci. 2014. 55 (13):292.
42. Malek A AlRobaian, Nicola G Ghazi, and Abdullah S AlKharashi. Outcomes of Macular Hole Retinal Detachment in Highly Myopic Eyes. Invest. Ophthalmol. Vis. Sci. 2014. 55 (13):1152.
43. Sawsan R Nowilaty; Amani S AlBakri; Ahmed Mousa; Nicola G Ghazi. The Choroid and Posterior Neural Retina in Posterior Microphthalmos: A Biometric and Optical Coherence Tomographic Analysis. Invest. Ophthalmol. Vis. Sci. 2015; 56(7):5903.
44. Ahmad Albar; Emad Abboud; Nicola G Ghazi. Rhegmatogenous Retinal Detachment in Retinitis Pigmentosa. Invest. Ophthalmol. Vis. Sci.. 2015; 56(7):3806.
45. Sawsan R Nowilaty; Maha Alshehri; Nicola G Ghazi. Visual and Anatomical Outcomes Following Nd:Yag Laser Hyaloidotomy for Premacular Hemorrhage. Invest. Ophthalmol. Vis. Sci.. 2016; 57(12):4485.
46. Nicola G Ghazi; Sulaiman Mohammad Alsulaiman; Abdullah Aoun Alqahtani; Ahmed Mousa. Awareness of the Medical Community about the Ocular Hazards of Laser Pointers. Invest. Ophthalmol. Vis. Sci.. 2016; 57(12):5855.

#### **OTHER RESEARCH ACTIVITIES:**

##### **Multicenter clinical trial participation:**

1. A 2-year, Phase 2, Multicenter, Randomized, Controlled, Masked, Dose-Finding Trial to Assess the Safety and Efficacy of Multiple Intravitreal Injections of AGN 211745 in Patients with Subfoveal Choroidal Neovascularization Secondary to Age-Related Macular Degeneration. Sub-investigator, **UVA IRB# 13065**.
2. A Phase III, Double-Masked, Multicenter, Randomized, Sham Injection-Controlled Study Of The Efficacy And Safety Of Ranibizumab Injection In Subjects With Clinically Significant Macular Edema With Center Involvement Secondary To Diabetes Mellitus Protocol Number: Fv4170g, Sub-Investigator, **UVA IRB# 13256**.
3. 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. Sub-investigator, **UVA IRB# 13288**.
4. A Phase 3, 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). Sub-investigator, **UVA IRB# 13308**.

##### **Investigator-initiated clinical trial:**

1. Lucentis, a New Approach to the Treatment of Age Related Macular Degeneration. Principal Investigator, **UVA IRB #13418. PI: Nicola Ghazi, MD**
2. Phase I Trial of Ocular Subretinal Injection of a Recombinant Adeno-Associated Virus (rAAV2-VMD2-hMERTK) Gene Vector to Patients with Retinal Disease due to MERTK Mutations. **Co-investigator till June 2013 (PI: Fowzan S Alkuraya, MD; Emad Abboud, MD till June 2013) then PI at King Khaled Eye specialist**

**Hospital since June 2013. PI: Fowzan S Alkuraya, MD; Nicola Ghazi, MD. KKESH IRB #0916-P.**

**Translational research participation:**

1. Ocular Penetration of a New Topical Drug into Rabbit Eyes for Potential Use in Macular Degeneration. A Pilot Study. **PI: Nicola G. Ghazi, MD. Protocol #3667 11 07.**
2. Modeling Novel Treatments for Dry Eye. Sub-investigator, **R01 EY018222-01A1. (PI: Gordon Laurie).**
3. Clinical Assay for Lacritin in Dry Eye Diseases. Sub-investigator, **(PI: Gordon Laurie, PhD).**
4. Bioengineering a Novel Contact Lens for Human Dry Eye. Sub-investigator, **(PI: Gordon Laurie, PhD).**
5. Radiosensitization of uveal melanoma in a Rabbit Model. **PI: Nicola G. Ghazi, MD.**