

ANDREW W. FRANCIS MD, FACS
Chicagoland Advanced Retina Care Ltd.
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EMPLOYMENT HISTORY

08/2020 – Present **Chicagoland Advanced Retina Care Ltd.**
President and Chief Executive Officer

08/2018 – 07/2020 **NorthShore University Health System & Pritzker School of Medicine**
Attending vitreoretinal surgeon and clinical assistant professor

07/2016 – 06/2018 **University of California at San Francisco, San Francisco, CA**
Surgical Vitreoretinal Fellow

07/2013 – 06/2016 **Illinois Eye and Ear Infirmary, University of Illinois at Chicago**
Resident-Physician in Ophthalmology

07/2012 – 06/2013 **Carney Hospital, Dorchester, MA**
Transitional Medicine Internship

EDUCATION & TRAINING

09/2020 – Present **University of Chicago Booth School of Business**
Masters Program in Business Administration

07/2016 – 06/2018 **University of California at San Francisco, San Francisco, CA**
Surgical Vitreoretinal Fellow

07/2013 – 06/2016 **Illinois Eye and Ear Infirmary, University of Illinois at Chicago**
Resident-Physician in Ophthalmology

07/2012 – 06/2013 **Carney Hospital, Dorchester, MA**
Transitional Medicine Internship

08/2008 – 06/2012 **Boston University School of Medicine, Boston, MA**
Doctor of Medicine

01/2003 – 01/2005 **University of California at Berkeley, Berkeley, CA**
Bachelor of Arts, English

HOSPITAL AFFILIATIONS

08/20/20 - present **Advocate Good Samaritan Hospital**
3815 Highland Ave, Downers Grove, IL 60515

08/20/20 - present **AMITA Health System**
St. Alexius: 1555 Barrington Rd, Hoffman Estates, IL 60169
Hinsdale: 120 N Oak St, Hinsdale, IL 60521
Glen Oaks: 701 Winthrop Ave, Glendale Heights, IL 60139
La Grange: 5101 Willow Springs Rd, La Grange, IL 60525

08/20/20 - present **Elmhurst Hospital**
155 E Brush Hill Rd, Elmhurst, IL 60126

08/2018 – 07/2020

Northshore University Health System

Glenbrook Hospital: 2100 Pfingsten Road, Glenview IL 60026

Skokie Hospital: 9650 Gross Point Road, Skokie IL 60076

Lake Bluff clinic: 71 Waukegan Road, Lake Bluff IL 60044

SOCIETY MEMBERSHIPS

2020 – Present:	Illinois State Medical Society
2020 – Present:	DuPage County Medical Society
2020 – Present:	Chicago Medical Society
2020 – Present:	Associate Fellow of the American College of Surgeons
2020 – Present:	Fellow of the American Society of Retina Specialists
2019 – Present:	Fellow of the American Academy of Ophthalmology
2019 – Present:	Chicago Ophthalmological Society

AWARD HISTORY

2020	Northshore Now: Defining Excellence <i>Andrew Francis: Defining Excellence Newsletter</i>
2020	American Academy of Ophthalmology’s EyeWiki Contest Winner <i>Ebola Virus: https://eyewiki.org/Ebola_Virus</i>
2016	Beem Fisher Resident Research Award (1st Place) <i>Resident research award in ophthalmology</i>
2015	Rabb-Venable Research in Ophthalmology Award <i>2nd award for ophthalmic research</i>
2014	Illinois Society for the Prevention of Blindness Research Grant. <i>Grant funding for ophthalmic research</i>
2014	Rabb-Venable Research in Ophthalmology Award <i>1st award for ophthalmic research</i>
2012	National Eye Institute Travel Grant <i>Travel award to annual ARVO meeting for research in ophthalmology</i>
2011	Fight for Sight Fellowship Grant <i>Grant funding for ophthalmic research</i>
2011	Unite for Sight Volunteer of the Year <i>2nd award, presented at Yale University</i>
2010	Unite for Sight Volunteer of the Year <i>1st award, presented at Yale University</i>
2010	Boston University Campus & Alumni News Profile <i>“Setting his Sights on Better Eye Care for Underserved Populations”</i>
2010	AAMC Cover the Uninsured Student Representatives Grant

Vision education for teachers in Boston Public School Districts

2010 **Mayan Medical Aid Educational Travel Scholarship**
Medical volunteering in Lake Atitlan, Guatemala

2009 **Boston University International Health Research Scholarship**
Analysis of Age and Severity of POAG in Ghana

LEADERSHIP

2019 – Present: **Young Ophthalmologists (YO) Info Editorial Board Member**
Board member for Academy of Ophthalmology's newsletter for young ophthalmologists

2019 – 2020: **Associate Member, Diabetes Quality Improvement Committee**
Committee seeks to improve performance measures for all diabetic patients

2019 – 2020: **Northshore Resident Mentor**
Mentorship program to residents seeking a career in ophthalmology at Northshore

2018 – 2020: **Transitional Year Internship Ophthalmology Director**
Administrative director of transitional year intern ophthalmology rotation at NorthShore

VOLUNTEERING

2014 - 2017 **Advocacy and Outreach Committee Member**
The Association for Research in Vision and Ophthalmology (ARVO)

2014 - 2016 **Resident Advocacy Ambassador, Illinois Eye Physicians and Surgeons**
American Academy of Ophthalmology, Illinois State Chapter

2014 **Resident Volunteer: Keio Hospital, Tokyo, Japan**
International resident exchange program

2012 - 2013 **Graduate Medical Education Committee, Carney Hospital**
Internship education committee

2009 - 2012 **Unite for Sight Chapter President**
Boston University School of Medicine Chapter

2010 **Mayan Medical Aid Medical Volunteer**
Lake Atitlan, Guatemala

2009 **Unite for Sight Global Impact Volunteer**
Research fellow in Accra, Ghana

2008 - 2009 **Partnering in Alzheimer's Instruction Research Study**
Boston University School of Medicine Chapter

PUBLICATIONS

1. **Francis AW**, Wu F, Zhu I, de Souza Pereira D, Bhisitkul RB. Glass intraocular foreign body removal with a nitinol stone basket. *Am J Ophthalmol Case Rep.* 2019 Aug 10;16:100541.
2. Zhu I, Mieler WF, **Francis AW**. A Mysterious Central Scotoma. *JAMA Ophthalmol.* 2020. doi: 10.1001/jamaophthalmol.2019.5383. [Epub ahead of print]
3. **Francis AW**, Zhu I, Stewart JM: Vitreoretinal Surgical Pearls in Cases with the Boston

Keratoprosthesis Type 1: Strategies to ensure successful outcomes. *Retinal Physician*: 2019(16)36-40

4. **Francis AW**, Peng MY, Stewart JM. Rapid Vision Loss in a Young Woman. *JAMA Ophthalmol*. 2018 Dec 1;136(12):1404-1405
5. **Francis AW**, Zhu I, Borirakchanyavat S, et al. Central Retinal Artery Occlusion With Cilioretinal Artery Sparing After Lasik. *Retin Cases Brief Rep*, 2018 [Epub ahead of print]
6. **Francis AW**, Wanek J, Shahidi M. Assessment of Global and Local Alterations in Retinal Layer Thickness in Ins2 (Akita) Diabetic Mice by SDOCT. *J Ophthalmol*. 2018 Feb 20;2018:7253498.
7. **Francis AW**, Peng MY, Stewart JM. A Peripapillary Defect in a Woman with Myopia. *JAMA Ophthalmol*. 2018 Feb 1;136(2):215-216.
8. **Francis AW**, Mieler WF. Management of Intraocular Foreign Bodies of the Posterior Segment: Treatment Strategies to Maximize Anatomical and Functional Outcomes. *Retinal Physician*. May 2016;13: 26, 28, 30-31, 59-61.
9. **Francis AW**, Wanek J, Lim JI, Shahidi M. Enface Thickness and Reflectance Imaging of Retinal Layers in Diabetic Retinopathy. *PLoS One*. 2015 Dec 23;10(12):e0145628.
10. **Francis AW**, Kiernan C, Huvard, M, Vargas A, Zeidman LA, Moss HE. An Unusual Diagnostic Triad. *Neurology*. 2015 Jul 21;85(3):e17-21.
11. Valeshabad AK, **Francis AW**, Setlur V, Shahidi M, Mieler WF. Hemorrhagic Retinopathy Following Witnessed Seizure. *Optom Vis Sci*. 2015 Aug;92(8):e190-3.
12. Mohammad F, Ansari R, Wanek J, **Francis AW**, Shahidi M. Feasibility of level-set analysis of enface OCT retinal images in DR. *Biomed. Opt. Express*. 2015;(6)1904-1918.
13. **Francis AW**, Lim JI, Chau FJ. Sudden Onset Paracentral Vision Loss. *JAMA Ophthalmology*. 2014;132(11)-1367-1368.
14. **Francis AW**, Gyasi ME, Adjuk M, Kesse E, Chen Y, Harrison RSR, Kodjo AR. Presentation Patterns of Glaucoma in Rural Ghana. *Afr Health Sci*. 2014;14(3):722-728.
15. Gyasi ME, **Francis AW**, Chen Y, Harrison RSR, Kodjo AR. Presentation of Glaucoma in the Accra Region of Ghana. *Ghana Med Journal*. 2014;48(3):143-147.
16. Gyasi, ME, **Francis AW**, Adjuik M, Koranteng-Kesse EK, Kodjo AR, Herndon LW. Medical Therapy on IOP Control in Ghana. *Ghana Med Journal*. 2014;48(3):148-152.
17. Wang B, Kagemann L, Schuman JS, Ishikawa H, Bilonick RA, Ling Y, Sigal IA, Nadler Z, **Francis AW**, Sandrian MG, Wollstein G. Gold Nanorods as a Contrast Agent for Doppler OCT. *PLoS One*. 2014;3;9(3):e90690.
18. **Francis AW**, Kagemann L, Wollstein G, Ishikawa H, Folz S, Overby D, Sigal I, Wang B, Schuman JS. Morphometric Analysis of Aqueous Humor Outflow Structures with SD-OCT. *Invest Ophthalmol Vis Sci*. 2012;7;53(9):5198-5207.
19. **Francis AW**, Gyasi ME, Deng L, Gong H. Comparison of Moderate and Advanced Glaucoma Patients in Ghana. *Clin Ophthalmol*. 2012;6:297-304.

BOOK CHAPTERS

1. Mieler WF, **Francis AW**. Intraocular Foreign Bodies. In: Gholam A. Peyman (ed). *Vitreoretinal Surgical Techniques*, 3rd edition. CRC Press: Boca Raton, 2018. (in press)

2. Mieler WF, **Francis AW**. Congenital and Developmental Anomalies of the Optic Nerve. In: Lawrence Yanuzzi (ed). The Retinal Atlas, 2nd edition. Elsevier: Amsterdam, 2016.
3. Gong H, **Francis AW**. Schlemm's Canal and Collector Channels as Therapeutic Targets. In: John R. Samples, Ike Ahmed (eds). Innovations in Glaucoma Surgery. Springer: New York, 2013.

RESEARCH ABSTRACTS

1. Pleet A, **Francis AW**, Chau F. Familial Exudative Retinopathy: A Single Center Case Series. ARVO 2016.
2. **Francis AW**, Wanek J, Shahidi M. Thickness Mapping of Retinal Layers in Ins2(Akita) Diabetic and Wild Type Mice by SD-OCT. ARVO 2015.
3. Chen S, **Francis AW**, Hunt S, Lim JI. Comparison of PRP vs. PRP plus Bevacizumab for High Risk Proliferative Diabetic Retinopathy with Diabetic Macular Edema. ARVO 2015.
4. **Francis AW**, Wanek J, Lim JI, Shahidi M. Enface Imaging of Inner Retinal and Inner Segment Ellipsoid Layer Integrity in Diabetic Retinopathy. AAO 2014.
5. **Francis AW**, McAnany JJ, Wanek J, Park JC, Lim JI, Shahidi, M. Abnormalities in Retinal Structure in Diabetics with Minimal or no Retinopathy by SD-OCT. ARVO 2014.
6. Feinstein E, Shapiro J, **Francis AW**, Chau F. Patient Reported Prevalence of Eye Disease in Osteogenesis Imperfecta. ARVO 2014.
7. **Francis AW**, Wanek J, Lim J, Shahidi M. Depth Resolved Enface Imaging of Inner Retinal Pathologies and Photoreceptor Integrity in Diabetic Retinopathy. ARVO 2013.
8. Gyasi ME, **Francis AW**. Limitation of Intraocular Pressure Reduction Following Continuous Medical Therapy in Ghana. AAO 2011.
9. **Francis AW**, Gyasi ME, Deng L, Gong H. Risk Factors for Progression to Advanced Glaucoma in Ghana. ARVO 2010.

RESEARCH PRESENTATIONS

1. **Francis AW**, Wanek J, Shahidi M. Thickness Mapping of Retinal Layers in Ins2(Akita) Diabetic and Wild Type Mice by SD-OCT. Illinois Eye and Ear Alumni-Resident Day. June 2016.
2. **Francis AW**, Chen S, Hunt S, Lim JI. Comparison of PRP versus PRP plus Bevacizumab in High Risk PDR with DME. Illinois Eye and Ear Alumni-Resident Day. June 2015.
3. **Francis AW**, McAnany JJ, Wanek J, Park JC, Lim JI, Shahidi, M. Abnormalities in Retinal Structure in Diabetics with Minimal or no Retinopathy assessed by SD-OCT. Rabb-Venable Research in Ophthalmology Symposium. August 2014.
4. **Francis AW**, McAnany JJ, Wanek J, Park JC, Lim JI, Shahidi, M. Abnormalities in Retinal Structure in Diabetics with Minimal or no Retinopathy assessed by SD-OCT. Illinois Eye and Ear Alumni-Resident Day. June 2014.
5. **Francis AW**, Kagemann L, Wollstein G, Ishikawa H, Folz S, Overby D, Sigal I, Wang B, Gong H, Schuman JS. Morphometric Analysis of Aqueous Humor Outflow Structures with SD-OCT. ARVO 2012. (Paper Presentation)
6. **Francis AW**, Kagemann L, Wollstein G, Ishikawa H, Overby D, Sigal I, Wang B, Schuman JS. Comparison of In vivo and Ex vivo Virtual Castings of Aqueous Humor Outflow Microvasculature with SD-OCT. ARVO-ISIE 2012. (Paper Presentation)

7. **Francis AW**, Gong H. Physiology of Outflow Resistance in the Normal Eye. Ophthalmology Department Conference at Boston University. June 2011.
8. **Francis AW**, Gyasi ME. Characteristics of Primary Open Angle Glaucoma in Ghana. Unite for Sight Global Health & Innovation Conference, Yale University. April 2010.
9. **Francis AW**. Great Advances in the History of Cataract Surgery. Grand Rounds at Boston University. Feb 2010.

CLINICAL TRIALS

1. Study of the Efficacy and Safety of the Ranibizumab Port Delivery System (RPDS) for Sustained Delivery of Ranibizumab in Participants with Subfoveal Neovascular Age-Related Macular Degeneration (AMD) (**LADDER**). **Role:** Coinvestigator **Sponsor:** Genentech, Inc.
2. A Study Investigating the Efficacy and Safety of Lampalizumab Intravitreal Injections in Participants with Geographic Atrophy Secondary to Age-Related Macular Degeneration (**CHROMA**). **Role:** Coinvestigator **Sponsor:** Hoffmann-La Roche. **Status:** Completed.