

CURRICULUM VITAE

Kristen Harris Nwanyanwu, MD, MBA, MHS

Version Date: 6/30/2026

Contact Information:

Address 40 Temple Street
New Haven, CT 06510
Phone: 1 (475) 441-0387
Email: k.nwanyanwu@yale.edu

School: Yale School of Medicine

Education:

xxxx - 04/2004 BS (Hon), University of Michigan, Biochemistry and African-American Studies, Ann Arbor, MI
xxxx - 05/2009 MBA, The Wharton School, Philadelphia, PA
xxxx - 05/2009 MD, University of Pennsylvania School of Medicine, Philadelphia, PA
xxxx - 05/2020 MHS, Yale University, Health Science, New Haven, CT

Career/Academic Appointments:

01/2007 - 01/2009 Wharton Fellowship, Wharton School, University of Pennsylvania, Philadelphia, PA
06/2010 Transitional Internship, Internal Medicine, Albert Einstein Medical Center, Philadelphia, PA
06/2013 Ophthalmology Residency, Ophthalmology, Kellogg Eye Center, University of Michigan, Ann Arbor, MI
06/2015 Vitreoretinal Surgery Fellowship, Ophthalmology and Visual Sciences, Illinois Eye and Ear Infirmary, University of Illinois at Chicago, Chicago, IL
08/2015 - 06/2022 Assistant Professor, Ophthalmology and Visual Science, Yale School of Medicine, New Haven, CT
07/2022 - 06/2027 Associate Professor on Term, Ophthalmology and Visual Science, Yale School of Medicine, New Haven, CT
07/2023 - 06/2027 Associate Professor on Term, Biomedical Informatics and Data Science, Yale School of Medicine, New Haven, CT
07/2024 - 12/2024 Associate Professor on Term, Management, Yale School of Medicine, New Haven, CT
07/2025 - 12/2025 Associate Professor on Term, Management, Yale School of Medicine, New Haven, CT

Administrative Positions:

2024 - 2026 Associate Director of Community Engaged Research and Participant Recruitment, Yale Center for Clinical Investigation (YCCI), Yale School of Medicine, New Haven, CT

Board Certification:

2014 - 2025 AB of Ophthalmology, Ophthalmology
2025 - 2035 AB of Ophthalmology, Ophthalmology, recertification

Advanced Training/Certification:

11/2014 - 12/2035 American Board of Ophthalmology, American Board of Ophthalmology, New Haven, CT

Professional Honors & Recognition:

International/National/Regional

2000 National Achievement Scholarship, University of Michigan
2003 Minority International Research Training Fogarty Fellowship, Fogarty International Center
2003 Golden Key National Honor Society at University of Michigan, Golden Key National Honor Society
2004 National Dean's List, National Dean's List, University of Michigan
2005 American College of Rheumatology Student Research Preceptorship, American College of Rheumatology
2006 National Medical Association Award for Leadership and Community Service, NMA
2009 "5 under 10" Young Alumni Recognition Award, University of Michigan African American Alumni Council
2011 National Eye Institute Travel Grant Recipient, ARVO
2011 Advocacy Ambassador to Mid-Year Forum, Women in Ophthalmology, American Academy of Ophthalmology
2011 2nd place, Rabb-Venable Research Competition, National Medical Association
2013 Walter R. Parker Resident Teaching Award, University of Michigan
2014 AAO Retina Subspecialty Day Floor Manager, American Academy of Ophthalmology
2015 NIH-NMA Fellow in Academic Careers Program Travel Award Recipient, National Institutes of Health
2016 National Medical Association Retina Awardee, NMA
2018 National Eye Institute Loan Repayment Award in Clinical Research, National Eye Institute
2019 Connecticut Society of Eye Physicians Annual Resident/Fellow Research Poster, First Place, Connecticut Society of Eye Physicians
2020 Yale Nominee for the Donald Seldin~Holly Smith Award for Pioneering Research, American Society for Clinical Investigation

2021 Nominated to the National Academy of Medicine Emerging Leaders in Health and Medicine Program by Dr. Marcella Nunez-Smith, National Academy of Medicine
2021 AAMC Minority Faculty Leadership Development 2021 Cohort, AAMC
2021 ARVO Women's Leadership Development Program 2021-2022 Cohort, ARVO
2022 ARVO Hot Topic Poster Presentation (Top 12% posters scored for national meeting) , ARVO
2023 Young Alumni Service Award, University of Pennsylvania Perelman School of Medicine
2023 Secretariat Award, American Academy of Ophthalmology
2023 Director's Award, National Eye Institute
2023 Member Retina Society, Retina Society
2024 Scientific Award, National Medical Association Ophthalmology Section
2024 Leadership Development Program, American Academy of Ophthalmology - American Society of Retinal Specialists
2025 Top Doctors , Castle Connolly
2025 AOA, AOA Beta Chapter at the University of Pennsylvania School of Medicine
2025 National Academy of Medicine Emerging Leaders Forum Invited Attendee
2025 Healthcare Research All-Stars 2025, Avant-Garde Health
2025 Top Doctors 2025 , Connecticut Magazine
2026 Exceptional Women in Medicine 2026, Castle Connolly

Yale University/Yale School of Medicine/Hospital System

2013 Making a Difference Award, University of Michigan Health System
2017 Junior Faculty Scholar Award, Yale Center for Clinical Research
2017 Education Research Honorable Mention, Yale University
2021 Janeway Society, Yale University
2024 Orthwein Scholar, Yale School of Medicine
2025 Leonard Tow Humanism in Medicine Award Nominee, Yale School of Medicine

Other

2000 Michigan Merit Scholarship, University of Michigan
2000 University Honors, University of Michigan
2000 - 2004 Literature, Science, & the Arts Merit Scholarship, University of Michigan
2000 - 2004 Arvella & Alvin Bentley Scholar, University of Michigan
2001 Summer Biomedical Fellowship at University of Michigan, Undergraduate Research Opportunities Program
2002 Outstanding Golden Key Sophomore Award, University of Michigan
2004 Graduated with Highest Honors, BS in African-American Studies and Biochemistry , University of Michigan
2009 Kaiser Family Foundation Grant, University of Pennsylvania Wharton School
2009 Class of 1962 Scholarship, University of Pennsylvania School of Medicine
2021 Institute for Implementation Science Scholar (IS-2), Institute for Implementation Science, Washington University

Grants/Clinical Trials History:

Current Grants

Agency: NIH
I.D.#: KNWANYANWU
Title: T1CARE grant (Addressing Social Determinants of Health in Young Adults with Type 1 Diabetes Through Comprehensive Assessment, Responsiveness, and Engagement)
P.I.: Kasia Lipska
Role: Consultant
Percent effort: N/A
Total costs: \$2,500,000.00
Project period: 02/01/2025 - 01/01/2030

Agency: National Eye Institute
I.D.#: 5 UC2 CA293 786 02
Title: ComPASS Health Equity Research Hub at Yale
P.I.: Marcella Nunez-Smith
Role: Data Science
Percent effort: 10%
Total costs: \$1,632,607.00
Project period: 09/04/2024 - 11/30/2026

Agency: CDC
I.D.#: DP24-081
Title: Michigan Screening and Intervention for Glaucoma and Eye Health through Telemedicine (MI-SIGHT) Program: A Pragmatic Randomized Trial
P.I.: Paula-Anne Newman Casey
Role: Implementation Science
Percent effort: 5%
Total costs: \$500,000.00
Project period: 09/30/2024 - 09/29/2026

Agency: Office of International Affairs (OIA) Yale and the World Partnership Fund
I.D.#: YD000001.CC0093.PG00401.PJ118716.MMD4
Title: Assessing Disease Burden, Awareness, and Referral Barriers to Improve the Diabetic Retinopathy Care Cascade in Nepal: A Pilot Study (CASCADE-DR)
P.I.: Kristen Nwanyanwu
Role: PI
Percent effort: N/A
Total costs: \$30,000.00
Project period: 05/11/2026 - 05/11/2027

Current Clinical Trials

Agencies: National Center for Advancing Translational Sciences (NCATS)
I.D.#: 1501015190REG
Title: Yale University Volunteer Repository
P.I.: Brian Richard Smith
Role: Sub-Investigator
Percent effort: N/A
Total costs: -
Project period: 01/16/2015 - ongoing

Past Grants

Agency: National Eye Institute
I.D.#: K23EY030530
Title: Undiagnosed Diabetic Retinopathy: Using Participatory Science to Design an Intervention for Patients at High-Risk for Blindness
P.I.: Kristen Harris Nwanyanwu
Role: PI
Percent effort: N/A
Total costs: \$1,272,085.00 (of which \$1,036,514.00 indirects)
Project period: 09/01/2019 - 08/31/2024

Agency: Yale Center for Clinical Investigation
I.D.#: 5P30DK045735-27
Title: Development of a Community Responsive Digital Health Tool for Diabetic Retinopathy Screening
P.I.: Terika McCall
Role: Principal Investigator
Percent effort: N/A
Total costs: \$100,000.00
Project period: 12/01/2022 - 11/30/2024

Agency: Yale CTSA
I.D.#: UL1 TR001863
Title: Determining the prevalence and associated multi-level characteristics of undiagnosed diabetic retinopathy
Role: Principal Investigator
Percent effort: N/A
Total costs: \$240,000.00
Project period: 01/01/2017 - 01/01/2019

Pending Clinical Trials

Agencies: -
I.D.#: 2000029941NHSR

Title: Sight Outcomes Research Collaborative (SOURCE) Ophthalmology
P.I.: Kristen Harris Nwanyanwu
Role: Principal Investigator
Percent effort: N/A
Total costs: -
Project period: 03/16/2021 - ongoing

Invited Speaking Engagements, Presentations & Workshops Not Affiliated With Yale:

International/National

1. "Health Equity in Diabetic Retinopathy: Addressing Health Disparities to End Preventable Blindness". Visiting Professorship, Wilmer - Johns Hopkins University , July 2021. (Lecture)
2. "Multi-Method Approach to advance Health Equity in Diabetic Retinopathy". Grand Rounds Cornell University , New York, NY, December 2022. (Lecture)
3. "A Tale of Two Retinas: An Equity Story". Kellogg Eye Center Health Equity Grand Rounds, Wayne County, MI, January 2023. (Oral Presentation)
4. "Grand Rounds". Ohio State University Grand Rounds, Columbus, OH, January 2024. (Oral Presentation)
5. "Diabetic retinopathy screening, trials and treatment from an equity lens". American Diabetes Association, American Diabetes Association Webinar, New Haven, CT, January 2024. (Oral Presentation)
6. "Grand Rounds". Harvard University, Massachusetts Eye and Ear Infirmary Grand Rounds, Cambridge, MA, January 2024. (Oral Presentation)
7. "Designing Better Systems to Advance Equity in Diabetic Retinopathy". Visiting Professor, San Francisco, CA, March 2024. (Lecture)
8. "Toward a Framework to Improve Diversity and Inclusion in Clinical Trials". National Academies of Sciences, Engineering, and Medicine, Washington, DC, May 2024. (Other)
9. "The How of Health Equity: DR at the Margins". Grand Rounds, Boston, MA, May 2024. (Lecture)
10. "Participatory Science to Advance Equity in Diabetic Retinopathy". Visiting Professor, Columbus, OH, June 2024. (Lecture)
11. "Interventions for social determinants of health in diabetic retinopathy". Retina World Congress, International Webinar, July 2024. (Lecture)
12. "Vision Research and Citizen Scientist". Prevent Blindness 13th Annual Focus on Eye Health Summit, Webinar, July 2024. (Oral Presentation)
13. "Women in Retina Mentoring Symposium". American Society of Retinal Specialists , Stockholm, Stockholm County, July 2024. (Other)
14. "Retina Cafe". American Academy of Ophthalmology, Chicago, IL, October 2024. (Other)
15. "Eradicate TRD: A multi-method approach to decreasing preventable blindness from diabetes-related eye disease". NYU Department of Ophthalmology , Grand Rounds Speaker , New York, NY, November 2024. (Lecture)
16. "Operationalizing Social Determinants: The SEEN Project Experience". Global Ophthalmology Summit, Atlanta, GA, January 2025. (Oral Presentation)
17. "Eradicate TRD". Envision Conference, San Juan, San Juan, February 2025. (Lecture)

18. "Visionary Courage: Journey of a Health Equity Ophthalmologist". Alpha Omega Alpha University of Pennsylvania , Philadelphia, PA, March 2025. (Address)
19. "The How: Applying Implementation Science to AI and Technology". EYE-TEACH, Chicago, IL, June 2026. (Lecture)
20. "Eradicate TRD: Our Collective Journey Toward Preventing Blindness from Diabetic Retinopathy". Virgiiia Society of Eye Physicians and Surgeons, Virgiiia Society of Eye Physicians and Surgeons Annual Scientific Conference 2026, Virginia Beach, VA, June 2026. (Oral Presentation)
21. "The Kenneth Tuck Memorial Lecture Real Life Stories from a Health Equity Researcher". Virgiiia Society of Eye Physicians and Surgeons, Virgiiia Society of Eye Physicians and Surgeons Annual Scientific Conference 2026, Virginia Beach, VA, June 2026. (Oral Presentation)
22. "Elevating patient voices to design optimal systems of care: an implementation science primer". African Ophthalmology Council, African Ophthalmology Council 2026 Congress, Cape Town, WC, July 2026 - August 2026. (Address)
23. "Decreasing Preventable Blindness in Vulnerable Populations". American Academy of Ophthalmology, American Academy of Ophthalmology VISION Mentoring Program: Eyes on Success, New Orleans, LA, October 2026. (Address)

Peer-Reviewed Presentations Given at Meetings Not Affiliated With Yale:

International/National

1. **Harris Nwanyanwu K.** Sight-Saving Engagement and Evaluation in New Haven (SEEN) Program Identifies and Addresses Adverse Social Determinants in Individuals at High Risk for Blindness. Retina Society , Lisbon, Lisbon, September 2024. (Oral Presentation)
2. **Harris Nwanyanwu K.** Co-design of the Sight Saving Engagement and Evaluation in New Haven (SEEN) digital health tool to support individuals at high-risk for diabetic retinopathy. The Retina Society, The Retina Society 2026: SOCIO-ECONOMIC ISSUES, HEALTHCARE POLICIES, Los Angeles, CA, September 2026. (Oral Presentation)
3. **Harris Nwanyanwu K,** Bhattacharya A. The Association between Food Environment, Social Vulnerability and Diabetic Retinopathy in a statewide health system. American Public Health Association, American Public Health Association 2026 Annual Meeting and Expo, San Antonio, TX, November 2026. (Oral Presentation)

Professional Service:

Peer Review Groups/Grant Study Sections

- | | |
|-------------|--|
| 2021 - 2024 | Reviewer, Early Career Reviewer, Pathophysiology of Eye Disease, Special Emphasis Panel, Scientific Review Group, NIH/NEI |
| 2026 | Reviewer, National Institutes of Health , Topics in Health Services Research, Aging and Optimization of the Workforce Special Emphasis Panel |

Advisory Boards

- | | |
|----------------|--|
| 2021 - Present | Member, Medical Alumni Affairs Council, University of Pennsylvania |
| 2022 | Member, Membership Advisory Group, American Diabetes Association |

2023 - 2024	Member, DEIA Workgroup, American Academy of Ophthalmology's Committee for Resident Education
2024	Member, Focus on Diabetes Program: Communicating the Risk of Vision Loss and Effective Prevention Strategies, American Diabetes Association
2024 - Present	Advisor, Eye Health Advisory Group , American Diabetes Association
2026 - Present	Advisor, Black Doctors Medical Advisory Board, Black Doctors

Journal Services

Editorial boards

2022 - 2023	Editorial Board Member, Translational Vision Science and Technology
-------------	---

Professional Organizations

American Academy of Ophthalmology Taskforce on Disparities in Eyecare: Sub-Taskforce on Leveraging Data

2021 - 2022	Member, American Academy of Ophthalmology Taskforce on Disparities in Eyecare: Sub-Taskforce on Leveraging Data
-------------	---

American Academy of Ophthalmology Taskforce on Expanding Access to Care in Federally Qualified Health Centers

2022 - Present	Member, American Academy of Ophthalmology Taskforce on Expanding Access to Care in Federally Qualified Health Centers
----------------	---

Penn Med Black Alumni Society

2020 - Present	Founding Member, Penn Med Black Alumni Society
----------------	--

Yale University / Hospital System

Medical School

2021 - 2024	Faculty Member, Dean's Faculty Advisory Council
2022 - 2024	Executive Committee Member, Dean's Faculty Advisory Council
2022 - Present	Executive Committee Member, Minority Organization for Retention and Expansion

Public Service / Media Presence

Public Service

2022 - 2025	Board Member, Neighborhood Music School
-------------	---

Bibliography:

Peer-Reviewed Original Research

1. **Nwanyanwu KH**, Comer G, Demirci H. Presumed choroidal metastasis secondary to clear cell sarcoma of the right knee. *International Ophthalmology* 2012, 33: 163-165. [PMID: 23053771](#), [DOI: 10.1007/s10792-012-9642-1](#).
2. **Harris Nwanyanwu KM**, De Lott LB, Cornblath WT, Elnor VM. Transient monocular vision loss due to churg-strauss syndrome vasculitis. *JAMA Ophthalmology* 2013, 131: 117-9. [PMID: 23307226](#), [DOI: 10.1001/jamaophthalmol.2013.576](#).
3. Stein JD, Newman-Casey PA, Kim DD, **Nwanyanwu KH**, Johnson MW, Hutton DW. Cost-Effectiveness of Various Interventions for Newly Diagnosed Diabetic Macular Edema. *Ophthalmology* 2013, 120: 1835-1842. [PMID: 23642372](#), [PMCID: PMC3737388](#), [DOI: 10.1016/j.ophtha.2013.02.002](#).
4. **Nwanyanwu K**, Talwar N, Gardner TW, Wrobel JS, Herman WH, Stein JD. Predicting Development of Proliferative Diabetic Retinopathy. *Diabetes Care* 2013, 36: 1562-1568. [PMID: 23275374](#), [PMCID: PMC3661803](#), [DOI: 10.2337/dc12-0790](#).
5. **Nwanyanwu KH**, Lim JI. Smudge in My Vision. *JAMA Ophthalmology* 2013, 131: 1637-1638. [PMID: 24337560](#), [DOI: 10.1001/jamaophthalmol.2013.7410](#).
6. Schneider EW, Mruthyunjaya P, Talwar N, **Nwanyanwu K**, Nan B, Stein JD. Reduced Fluorescein Angiography and Fundus Photography Use in the Management of Neovascular Macular Degeneration and Macular Edema During the Past Decade Imaging Tests for Macular Diseases. *Investigative Ophthalmology & Visual Science* 2014, 55: 542-549. [PMID: 24346174](#), [PMCID: PMC3907135](#), [DOI: 10.1167/iops.13-13034](#).
7. **Nwanyanwu KH**, Newman-Casey PA, Gardner TW, Lim JI. Beyond HbA1c: Environmental Risk Factors for Diabetic Retinopathy. *Journal Of Clinical & Experimental Ophthalmology* 2015, 06: 405. [PMID: 26973797](#), [PMCID: PMC4785841](#), [DOI: 10.4172/2155-9570.1000405](#).
8. Alasil T, Ketner S, Coady PA, Adelman RA, **Nwanyanwu KH**. Idiopathic retinal vasculitis, aneurysms and neuroretinitis case report. *American Journal Of Ophthalmology Case Reports* 2016, 2: 33-36. [PMID: 29503895](#), [PMCID: PMC5757360](#), [DOI: 10.1016/j.ajoc.2016.04.006](#).
9. Hussnain SA, Ketner S, Coady PA, Kombo N, **Nwanyanwu K**. Ocular Syphilis Presenting as Bilateral Acute Retinal Necrosis in an Immunocompetent Host. *Connecticut Medicine* 2016, 80: 533-536. [PMID: 29772137](#).
10. Hall LB, **Nwanyanwu K**. Spontaneous Rupture of an Iris Stromal Cyst. *Ophthalmology* 2018, 125: 30. [PMID: 29268865](#), [DOI: 10.1016/j.ophtha.2017.09.005](#).
11. Linderman W, Apostolopoulos N, Gopal A, Encandela J, Teng C, **Nwanyanwu K**, Forster S. Near-Peer Teaching Outreach Programs to Increase Minority Physician Recruitment. *Journal Of Academic Ophthalmology* 2018, 10: e122-e126. [DOI: 10.1055/s-0038-1667202](#).
12. Williams BK, Welch R, **Nwanyanwu KH**, Shields CL. Hemorrhagic occlusive retinal vasculitis leading to the diagnosis of ciliary body melanoma. *Saudi Journal Of Ophthalmology* 2018, 33: 81-83. [PMID: 30930668](#), [PMCID: PMC6424716](#), [DOI: 10.1016/j.sjopt.2018.09.004](#).
13. Fairless E, **Nwanyanwu K**. Barriers to and Facilitators of Diabetic Retinopathy Screening Utilization in a High-Risk Population. *Journal Of Racial And Ethnic Health Disparities* 2019, 6: 1244-1249. [PMID: 31463812](#), [PMCID: PMC6880869](#), [DOI: 10.1007/s40615-019-00627-3](#).

14. Yusuf R, Chen EM, **Nwanyanwu K**, Richards B. Neighborhood Deprivation and Adherence to Initial Diabetic Retinopathy Screening. *Ophthalmology Retina* 2020, 4: 550-552. [PMID: 32139294](#), [PMCID: PMC8281953](#), [DOI: 10.1016/j.oret.2020.01.016](#).
15. Chen EM, Kombo N, Teng CC, Mruthyunjaya P, **Nwanyanwu K**, Parikh R. Ophthalmic Medication Expenditures and Out-of-Pocket Spending An Analysis of United States Prescriptions from 2007 through 2016. *Ophthalmology* 2020, 127: 1292-1302. [PMID: 32359935](#), [PMCID: PMC7508869](#), [DOI: 10.1016/j.ophtha.2020.04.037](#).
16. Chen EM, Ahluwalia A, Parikh R, **Nwanyanwu K**. Ophthalmic Emergency Department Visits: Factors Associated With Loss to Follow-up. *American Journal Of Ophthalmology* 2020, 222: 126-136. [PMID: 32882220](#), [PMCID: PMC8328190](#), [DOI: 10.1016/j.ajo.2020.08.038](#).
17. Fairless EA, **Nwanyanwu KH**, Forster SH, Teng CC. Ophthalmology Departments Remain Among the Least Diverse Clinical Departments at United States Medical Schools. *Ophthalmology* 2021, 128: 1129-1134. [PMID: 33440211](#), [PMCID: PMC8328189](#), [DOI: 10.1016/j.ophtha.2021.01.006](#).
18. Chen EM, Andoh JE, **Nwanyanwu K**. Socioeconomic and Demographic Disparities in the Use of Telemedicine for Ophthalmic Care during the COVID-19 Pandemic. *Ophthalmology* 2021, 129: 15-25. [PMID: 34245753](#), [PMCID: PMC8415734](#), [DOI: 10.1016/j.ophtha.2021.07.003](#).
19. Nwanyanwu KMJH, Nunez-Smith M, Gardner TW, Desai MM. Awareness of Diabetic Retinopathy: Insight From the National Health and Nutrition Examination Survey. *American Journal Of Preventive Medicine* 2021, 61: 900-909. [PMID: 34426057](#), [PMCID: PMC8608699](#), [DOI: 10.1016/j.amepre.2021.05.018](#).
20. Greig EC, Gonzalez-Colaso R, **Nwanyanwu K**. Racial, Ethnic, and Socioeconomic Disparities Drive Appointment No-Show in Patients with Chronic Eye Disease. *Journal Of Racial And Ethnic Health Disparities* 2022, 10: 1790-1797. [PMID: 35864353](#), [PMCID: PMC10392104](#), [DOI: 10.1007/s40615-022-01363-x](#).
21. Dhodapkar RM, Li E, **Nwanyanwu K**, Adelman R, Krishnaswamy S, Wang JC. Deep learning for quality assessment of optical coherence tomography angiography images. *Scientific Reports* 2022, 12: 13775. [PMID: 35962007](#), [PMCID: PMC9374672](#), [DOI: 10.1038/s41598-022-17709-8](#).
22. Freedman IG, Li E, Hui L, Adelman RA, **Nwanyanwu K**, Wang JC. The Impact of Image Processing Algorithms on Optical Coherence Tomography Angiography Metrics and Study Conclusions in Diabetic Retinopathy. *Translational Vision Science & Technology* 2022, 11: 7. [PMID: 36107113](#), [PMCID: PMC9483236](#), [DOI: 10.1167/tvst.11.9.7](#).
23. Elam AR, Tseng VL, Rodriguez TM, Mike EV, Warren AK, Coleman AL, American Academy of Ophthalmology Taskforce on Disparities in Eye Care. Disparities in Vision Health and Eye Care. *Ophthalmology* 2022, 129: e89-e113. [PMID: 36058735](#), [DOI: 10.1016/j.ophtha.2022.07.010](#).
24. Andoh J, Mehta S, Chen E, Mir T, **Nwanyanwu K**, Teng C. Domestic Violence-Related Ocular Injuries Among Adult Patients: Data from the Nationwide Emergency Department Sample, 2008–2017. *Ophthalmic Epidemiology* 2023, 31: 169-177. [PMID: 37345877](#), [PMCID: PMC10739625](#), [DOI: 10.1080/09286586.2023.2222792](#).
25. Andoh J, Mir T, Teng C, Wang E, **Nwanyanwu K**. Factors Associated With Visual Impairment Among Adults With a History of Criminal Justice Involvement. *Journal Of Correctional Health Care* 2023, 29: 329-337. [PMID: 37733299](#), [DOI: 10.1089/jchc.22.07.0056](#).
26. Andoh J, Miguez S, Andoh S, Mehta S, Mir T, Chen E, Jain S, Teng C, **Nwanyanwu K**. Epidemiologic trends of domestic violence–related ocular injuries among pediatric patients: data from the Nationwide Emergency Department Sample 2008-2017. *Journal Of American Association For*

- Pediatric Ophthalmology And Strabismus 2023, 27: 335.e1-335.e8. [PMID: 37931837](#), [PMCID: PMC10859911](#), [DOI: 10.1016/j.jaapos.2023.09.008](#).
27. Oleribe OO, Taylor-Robinson AW, Nwanyanwu OC, Morgan MY, Taylor-Robinson SD. Four Years Since COVID-19 Day Zero: A Time to Evaluate Past and Future Pandemic Control Policies and Practices in Sub-Saharan Africa? Risk Manag Healthc Policy 2024, 17: 505-511. [PMID: 38481394](#), DOI: 10.2147/RMHP.S449701.
 28. Woodward M, Hicks P, **Harris-Nwanyanwu K**, Modjtahedi B, Chan R, Vogt E, Lu M, Newman-Casey P, Centers A, Chan R, Chen A, Henderer J, Modjtahedi B, Muir K, Newman-Casey P, Russo D, Scanzera A, Rhodes L, Woodward M. Eye Care in Federally Qualified Health Centers. Ophthalmology 2024, 131: 1225-1233. [PMID: 38697267](#), [PMCID: PMC11416322](#), [DOI: 10.1016/j.ophtha.2024.04.019](#).
 29. Ahmed O, Applebaum S, Ahmad M, Ahmed D, Juthani P, **Nwanyanwu K**. Needs assessment and patient-guided development of a video-based diabetic retinopathy patient education tool. Health Education Journal 2024, 83: 587-597. [DOI: 10.1177/00178969241258818](#).
 30. Ravindranath R, Stein JD, Hernandez-Boussard T, Fisher AC, Wang SY, SOURCE Consortium. The Impact of Race, Ethnicity, and Sex on Fairness in Artificial Intelligence for Glaucoma Prediction Models. Ophthalmol Sci 2024, 5: 100596. [PMID: 39386055](#), DOI: 10.1016/j.xops.2024.100596.
 31. Owete A, Ionin R, Huryn L, Cukras C, Blain D, Agather A, Hufnagel R, Brooks B, **Nwanyanwu K**, Zein W. Seeing in Color: Inclusion and Characterization of Hereditary Eye Disease in African Americans. Translational Vision Science & Technology 2024, 13: 4. [PMID: 39226063](#), [PMCID: PMC11373706](#), [DOI: 10.1167/tvst.13.9.4](#).
 32. Fraz MA, Kim BM, Chen JJ, Lum F, Chen J, Liu GT, Hamedani AG, SOURCE Consortium. Nationwide Prevalence and Geographic Variation of Idiopathic Intracranial Hypertension among Women in the United States. Ophthalmology 2024 [PMID: 39510331](#), DOI: 10.1016/j.ophtha.2024.10.031.
 33. Applebaum S, Fu J, **Nwanyanwu K**. Duration and Frequency of Lapses in Care Among Patients with Proliferative Diabetic Retinopathy. Ophthalmic Epidemiology 2025, 32: 579-582. [PMID: 40131442](#), [PMCID: PMC12353044](#), [DOI: 10.1080/09286586.2025.2463067](#).
 34. Frimpong A, Granados A, Chang T, Fu J, Moore S, Applebaum S, Adepoju B, Kaur M, Krishnan V, Levi A, McCall T, **Nwanyanwu K**. Recommendations for Designing a Digital Health Tool for Blindness Prevention Among High-Risk Diabetic Retinopathy Patients: Qualitative Focus Group Study of Adults With Diabetes. JMIR Formative Research 2025, 9: e65893. [PMID: 40513002](#), [PMCID: PMC12180678](#), [DOI: 10.2196/65893](#).
 35. **Nwanyanwu K**, Andoh J, Chen E, Xu Y, Granados A, Deng Y, Desai M, Nunez-Smith M. Social Determinants Associated with Diabetic Retinopathy Awareness: National Health and Nutrition Examination Survey (2005-2008). American Journal Of Ophthalmology 2025, 278: 389-401. [PMID: 40550446](#), [PMCID: PMC12442958](#), [DOI: 10.1016/j.ajo.2025.06.028](#).
 36. Frimpong A, Chang T, Weiss J, Assanah-Lewis B, Lu M, **Nwanyanwu K**. Proliferative Diabetic Retinopathy Disproportionately Impacts Distressed Communities Near a Northeastern Academic Center. Ophthalmology Science 2025, 5: 100872. [PMID: 40893619](#), [PMCID: PMC12395159](#), [DOI: 10.1016/j.xops.2025.100872](#).
 37. Applebaum S, Deng Y, Fu J, Kane M, Nwanyanwu K, Amin S, Edwards P, Srikumaran D, Woreta F, Schultz J, Shrivastava A, Ahmad B, Pasquale L, Bryar P, French D, Hribar M, Thomas M, Vanderbeek B, Pershing S, Wang S, Deiner M, Sun C, Patnaik J, Subramanian P, Munir S, Munir W, Stein J, De Lott L, Ramachandran R, Feldman R, Stagg B, Wirostko B, McMillian B, Sheybani A, Sarrafpour S,

- Harris-Nwanyanwu K**, Stein J, Andrews C. Risk Factors and Consequences of Lapses in Proliferative Diabetic Retinopathy Care in a National Cohort. *Diabetes Care* 2025, 48: 1971-1977. [PMID: 40956999](#), [PMCID: PMC12583386](#), [DOI: 10.2337/dc25-1202](#).
38. Frimpong A, Granados A, Chang T, Fu J, Applebaum S, Moore S, Kaur M, Adepoju B, Krishnan V, Levi A, McCall T, **Nwanyanwu K**. Digital Health Tool for Preventing Blindness From Diabetic Retinopathy: Protocol for a Qualitative Study. *JMIR Research Protocols* 2025, 14: e65894. [PMID: 41223405](#), [PMCID: PMC12658399](#), [DOI: 10.2196/65894](#).
39. Kaleem S, Sawano M, Arun A, Warner F, Zhou T, Huang C, Bhattacharjee B, Lu Y, Iwasaki A, **Nwanyanwu K**, Ahmed I, Krumholz H. Ocular Symptoms in Long COVID: A Cross-Sectional Study. *Clinical Ophthalmology* 2026, 20: 565596. [PMID: 41907807](#), [PMCID: PMC13024366](#), [DOI: 10.2147/oph.s565596](#).
40. Applebaum S, Fu J, Bakhoun M, Deng Y, Nwanyanwu K, Consortium S, Amin S, Edwards P, Srikumaran D, Woreta F, Schultz J, Shrivastava A, Ahmad B, Pasquale L, Bryar P, French D, Hribar M, Thomas M, Vanderbeek B, Pershing S, Wang S, Deiner M, Sun C, Patnaik J, Subramanian P, Munir S, Munir W, Stein J, De Lott L, Ramachandran R, Feldman R, Stagg B, Wirostko B, McMillian B, Sheybani A, Sarrafpour S, **Harris-Nwanyanwu K**. Who Gets Panretinal Photocoagulation? National Patterns in Proliferative Diabetic Retinopathy Treatment. *Ophthalmology Science* 2026, 6: 101181. [PMID: 42125537](#), [PMCID: PMC13158752](#), [DOI: 10.1016/j.xops.2026.101181](#).
41. Fu J, Andoh J, Fairless E, Weiss J, Norcott A, **Nwanyanwu K**. Interrogating a framework for diabetic retinopathy screening adherence: Qualitative insights from a severely affected and under-adherent population. *PLOS Global Public Health* 2026, 6: e0006230. [PMID: 41926436](#), [PMCID: PMC13046135](#), [DOI: 10.1371/journal.pgph.0006230](#).

Peer-Reviewed Reviews, Practice Guidelines, Standards, and Consensus Statements

1. **Nwanyanwu KH**, Nardini H, Shaughness G, Nunez-Smith M, Newman-Casey PA. Systematic review of community-engaged research in ophthalmology. *Expert Review Of Ophthalmology* 2017, 12: 233-241. [PMID: 29333193](#), [PMCID: PMC5759339](#), [DOI: 10.1080/17469899.2017.1311787](#).
2. Andoh J, Ezekwesili A, **Nwanyanwu K**, Elam A. Disparities in Eye Care Access and Utilization: A Narrative Review. *Annual Review Of Vision Science* 2023, 9: 15-37. [PMID: 37254050](#), [DOI: 10.1146/annurev-vision-112122-020934](#).
3. Andoh J, Fu J, **Nwanyanwu K**. Impact of United States federal funding on equity and vision research: lessons from history, justice, and politics, 1968–2025. *Current Opinion In Ophthalmology* 2026, 37: 162-167. [PMID: 41765774](#), [DOI: 10.1097/icu.0000000000001212](#).
4. Fu J, Applebaum S, Granados A, **Nwanyanwu K**. Diabetic retinopathy treatment cascade and care continuum in the USA: a systematic review. *BMJ Open* 2026, 16: e117683. [PMID: 42270111](#), [PMCID: PMC13264893](#), [DOI: 10.1136/bmjopen-2026-117683](#).

Peer-Reviewed Educational Materials

1. Brown AC, Nwanyanwu K. Retinopathy of Prematurity. 2023 [PMID: 32965990](#).
2. Social Determinants of Health Case: Retina/Diabetic Retinopathy Shannan Moore, BS; Akua Frimpong, BS; Kristen Harris-Nwanyanwu MD, MBA, MHS

Commentaries, Editorials and Letters

1. Scott AW, Elam AR, **Nwanyanwu K**. Addressing Disparities in Eye Care—The Time Is Now. JAMA Ophthalmology 2021, 139: 935-936. [PMID: 34351375](#), [DOI: 10.1001/jamaophthalmol.2021.2053](#).
2. **Nwanyanwu K**, Scott AW, Elam AR. Addressing Disparities in Ophthalmic Research. JAMA Ophthalmology 2021, 139: 1261-1262. [PMID: 34673894](#), [DOI: 10.1001/jamaophthalmol.2021.4203](#).
3. **Nwanyanwu K**. Participatory Science—The Path Toward Health Equity. JAMA Ophthalmology 2022, 140: 132-133. [PMID: 34913957](#), [DOI: 10.1001/jamaophthalmol.2021.5368](#).
4. Elam AR, **Nwanyanwu KH**, Scott AW. Elevating Social Determinants of Health and Community Engagement in Eye Care—The Time Is Now. JAMA Ophthalmology 2022, 140: 453-454. [PMID: 35323858](#), [DOI: 10.1001/jamaophthalmol.2022.0409](#).
5. Baxter SL, **Nwanyanwu K**, Legault G, Lee AY. Data Sources for Evaluating Health Disparities in Ophthalmology Where We Are and Where We Need to Go. Ophthalmology 2022, 129: e146-e149. [PMID: 36058733](#), [PMCID: PMC9509471](#), [DOI: 10.1016/j.ophtha.2022.06.035](#).
6. Legault G, **Nwanyanwu K**, Baxter S. Data Sciences and Visual Health Disparities. Ophthalmology 2022, 129: 1085-1086. [PMID: 36058740](#), [DOI: 10.1016/j.ophtha.2022.06.032](#).