



2022 Publications

1. Bhakhri, R., Luce, C. Optic Disc Drusen and Associated Complications: A Teaching Case Report. *Journal of Optometric Education*. 2022; 48 (1).
2. Bhakhri R, Messner L. Case Report: Downbeat Nystagmus Due to Epidural Puncture during Labor with Undiagnosed Arnold-Chiari Malformation. *Optom Vis Sci*. 2022;99(9):721-4.
3. Brady, B. Ischemic Cranial Nerve III Palsy: Diagnosis, Management, and Follow-up. *Optometric Clinical Practice*. 2022; 4(2):79.
4. Cisarik PM, Pang Y. What Pupils Remember: Exploring the Relationship between Dynamic Pupil Parameters and Self-Reported History of Mild Traumatic Brain Injury. *Optom Vis Perf*. 2022;10 (2): 98-107.
5. Gilbertson JS, Winters JE, Matchinski TL. A Pilot Study: Effect of Vision Impairment Simulation on Patients' Understanding of Glaucoma. *Optometry & Visual Performance* 2022;10(4): 229-4.
6. Hariprasad, I., Messner, L, Shaw, L., Bansal, C., Schechel, S., Perez, J. Topical Nepafenac 0.1% or 0.3% for the Treatment of Central Serous Chorioretinopathy: A Case Series of Chronic and Recurrent Disease and Review of the Literature BOHR International J of Current Res in Optom and Ophthal. 2022; 1 (1) 74-9.
7. Lorenzana, I., Leske, D., Pang, Y., Cotter, S. Relationships Among Clinical Factors and Patient-Reported Outcome Measures of Symptoms and Quality of Life in Adults with Convergence Insufficiency. *Optom Vis Sci*. 2022 Sep 1;99(9):692-701.
8. Pang, Y., Hussey, E. Myopia control - whom to target with myopia interventions. *Optom Vis Perf*. 2022;10: 230-43.
9. Piser, D., Day, C., Harthan, J. The sequelae of bilateral conjunctivitis as an initial presentation of presumed COVID-19-positive female. *J Dry Eye Disease*. 2022 Aug 23.
10. Shorter, E., Whiteside, M., Harthan, J., Morettin, C., Perera, C., Johnson, S., Migneco, M., Huecker, J., Hartwick, A., Than, T., Gordon, M. Diagnostic accuracy of clinical signs, symptoms and point-of-care testing for early adenoviral conjunctivitis. *Clin Exp Optom*. 2022 Sep;105(7):702-707.
11. Swatch P, Chang A, Bhakhri R,. Laser Pointer Retinopathy: A Case Report and Review. *Clin & Refractive Optom Journal*. 2022;33(1).
12. Winters JE, Piser D. Use of Smartphones and Vision Accessibility Features by Adults 60 Years and Older. *Optometry & Visual Performance* 2022;10(3):145-151
13. Zhuang, X., Harthan, J., Block, S., Tullo, W., Barry, E. Analysis of corneal tomography in select Black and LatinX children. *Cont Lens Anterior Eye*. 2022 Dec;45(6):101717.
14. Zhuang, X. More than 20/20: the contrast sensitivity function. *Ann Eye Sci*. 2022, Dec 15.

2022 Research Presentations

1. Adams, S., Simeon, R., Wyles, E., Donati, R., and Koenig, D. The future of higher education is blended due to flexibility, self-paced learning, and efficient use of time. Teaching Professor Conference. May 2022.
2. Adams, S., Koenig, D., Wyles, E. Considerations and Cautions for Teaching in Higher Education in the Era of Distance Learning. American Academy of Optometry, October 2022.
3. Alexopoulos, A., Bartczak, T., Holden, P., Pang, Y. Effect of First Year of Optometric Education on Binocular Vision Measurements. American Academy of Optometry, October 2022.
4. Allison, C. An Overview of the Illinois College of Optometry, Vision Therapy and Vision Rehabilitation Residency Program. College of Optometrists in Vision Development, April 2022.
5. Allison, C., Strupek, C., Moody, A., Simmons, K. Management of Long-standing Esotropia with Hypertopia in an Adult Patient. College of Optometrists in Vision Development, April 2022.
6. Ansari, K., Marquez, A., Struss, M., Allen, M. Effect of Extensive Near Work on Binocular and Accommodative Systems. American Academy of Optometry, October 2022.
7. Aparicio, G., Bhakhri, R., Man, M., Skoog, W. The Application of Scleral Contact Lenses in the Management of Coexisting Keratoconus and Stevens-Johnson Syndrome. American Academy of Optometry, October 2022.
8. Bakkum, B. Horner eponyms. Society for Neuroscience, November 2022.
9. Bandstra, A. Management of Anisometropia, Esotropia and Amblyopia in a Teenager Shows Optometry's Unique Role in Vision Care. College of Optometrists in Vision Development, April 2022.
10. Bandstra, A. Strabismus and Ocular Motility Deficits in a Patient with ZC4H2-Associated Rare Disorder. American Academy of Optometry, October 2022.
11. Bhakhri R. Delayed nonarteritic anterior ischemic optic neuropathy post cataract surgery. American Optometric Association, June 2022.
12. Bhakhri R, Tudor R. OCT angiography in sickle cell retinopathy: a potential screening tool. American Optometric Association, June 2022.
13. Bhakhri R, Caceres M, Fromstein S. A de novo mutation in the GUCY2D gene resulting in cone rod dystrophy. American Optometric Association, June 2022.
14. Bhakhri, R., Ittiara, S. Bilateral peripheral retinal hemorrhaging secondary to undiagnosed von Willebrand disease. American Academy of Optometry, October 2022.
15. Bhakhri, R. Genetics and Geography: A milder presentation of an ABCA4 c.6320G>A mutation in an African American female. American Academy of Optometry, October 2022.

16. Bhakhri, R., Meht, V., Patel, R., Bhatt, V., Macias, D., Tank, S., Bhakhri, R., Zoltoksi, R. Prevalence of Central Serous Chorioretinopathy at the Illinois Eye Institute before and during the COVID-19 Pandemic. American Academy of Optometry, October 2022.
17. Block, S., Harthan, J., Zhuang, X., Tullo, W., Gelles, J., Morgenstern, A., Eiden, B. Prevalence of abnormal corneas in the United States based on Scheimpflug tomography analytics of a pediatric population. Association for Research in Vision and Ophthalmology, April 2022.
18. Block, S., Lumb, E., Hendicott, P., Cooper, S. Moving Optometry forward to accept the changing approach to myopia from correcting refractive error only to looking at myopia as a disease entity: World Council of Optometry's role. World Council of Optometry, August 2022.
19. Block, S., Hendicott, P., Lumb, E., Cooper, S., Bockhahn- Tylecote, S. Moving the Profession to Embrace Myopia Management. American Academy of Optometry, October 2022.
20. Breliant, R., Pang, Y., Bandstra, A., Kattouf, V. Effect of Low-Dose Atropine on Binocular Vision in Children Aged 6 to 17 Years. Association for Research in Vision and Ophthalmology, April 2022.
21. Breliant, R., Pang, Y., Bandstra, A., Kattouf, V. Effect of Low-Dose Atropine on Accommodation and Visual Acuity in Children Aged 6 to 17 Years. American Academy of Optometry, October 2022.
22. Caceres M, Bhakhri R. On the Down Low: Ptosis Secondary to Traumatic Levator Dehiscence American Optometric Association, June 2022.
23. Chramiec, N. Autoimmune Retinopathy: A Systemic Approach. American Academy of Optometry, October 2022.
24. Collens, T., Randhawa, H., Patel, J. Posterior Segment Findings in Sickle Cell Retinopathy. Heart of America Eye Care Congress, January 2022.
25. Duong A, Frantz KA, Zoltoski R. Effect of Sustained Reading from a Tablet Computer on the Accommodative System. College of Optometrists in Vision Development, April 2022.
26. Foreman, K. Impact of Clinical Enhancement on Emotional Status and Confidence in Optometry Students. American Academy of Optometry, October 2022.
27. Francis, R., Sanghera, N., Messner, L. A Case of Isolated Pre-Ganglionic Horner Syndrome Secondary to Lipoma of Carotid Space. Heart of America Eye Care Congress, January 2022.
28. Francis, R., Harthan, J. When Quality Outweighs Quantity: Scleral Lens Considerations for Post-Refractive Keratotomy Patients. Global Specialty Lens Symposium, January 2022.
29. Gregg, G., Saiyed, R., Messner, L. Acute Onset of Complex Ocular Migraine Associated with A Nasal Bone Spur. American Academy of Optometry, October 2022.
30. Harthan, J., Nau, C., Schornack, M., Shorter, E., Nau, A., Patton, K., Fogt, J. High Contrast Visual Acuity and Fogging in Established Scleral Lens Wearers. Association for Research in Vision and Ophthalmology, April 2022.

31. Hohs, K, Brady, B. Intermittent angle closure in an adolescent patient without structural iris anomaly. American Optometric Association, June 2022.
32. Harthan, J., Shorter, E., Hartwick, A., Morettin, C., Johnson, S., Whiteside, M., Huecker, J. Comparison of point-of-care antigen testing to PCR for adenoviral conjunctivitis over 21 days. American Academy of Optometry, October 2022.
33. Harthan, J., Morettin, C., Huecker, J., Than, T., Whiteside, M., Johnson, S., Shorter, E., Migneco, M., Perara, C., Hartwick, A., Gordon, M. Persistence of signs and symptoms of adenoviral conjunctivitis (Ad-Cs) after viral clearance. American Academy of Optometry, October 2022.
34. Harthan, J., Bradley, C., Nylin, E. Patient Tolerability of Intracanalicular Dexamethasone Insert Compared to Topical Loteprednol Etabonate Ophthalmic Gel. American Academy of Optometry, October 2022.
35. Hohs, K., Sohbaty, N., Byer, M. A Case Series of Geographic Corneal Abrasions secondary to Epidemic Keratoconjunctivitis. American Academy of Optometry, October 2022.
36. Hohs, K., Opitz, D., Hom, M., Polk, N., Large, M., Abbott, S. A pilot study of low dose doxycycline to lower IOP in patients with glaucoma and ocular surface disease. American Academy of Optometry, October 2022.
37. Holden, P., Bhakhri, R. Don't call it a comeback: a case of a Recurrent Central Retinal Vein Occlusion. American Academy of Optometry, October 2022.
38. Jenness, J., Buboltz, M., Awad, O. MICE, Blood, and Pizza Pie. American Academy of Optometry, October 2022.
39. Karthikeyan, A., Patel, J., Messner, L. Remission of IIH with Bariatric Intervention; a Disease Modifying Treatment. American Academy of Optometry, October 2022.
40. Koenig, D., Adams, S., Wyles, E. Validity of a nontraditional, hybrid learning environment in optometric education. American Academy of Optometry, October 2022.
41. Koss, S., Messner, L., McLeod, H. Persistent Left Abducens Nerve Palsy Secondary to a Prepontine Cistern Meningioma. American Academy of Optometry, October 2022.
42. Lancaster, A., Brady, B. An Atypical Case of Thygeson's. Heart of America Eye Care Congress, January 2022.
43. Lee, M. Spontaneous Closure of a Chronic Idiopathic. American Academy of Optometry, October 2022.
44. Liang, A., Allison, C. When Tensions Run High: Managing Ocular Hypertension in a Child with Optic Nerve Hypoplasia. American Academy of Optometry, October 2022.
45. Lorenzana, I, Leske, D, Pang, Y, Cotter, S. Relationships Among Clinical Factors and Patient-Reported Outcome Measures of Symptoms and Quality of Life in Adults with Convergence Insufficiency. Invest Ophthalmol Vis Sci 2022, 63, 7, 3672-A0329.
46. Luce, C., Man, M. Herpes Zoster Ophthalmicus with Associated Viral Meningitis Following COVID-19 Booster Vaccination. American Academy of Optometry, October 2022.
47. Man, M., Mills, S., Teragawa, S., Zhuang, X. Comparison of Two FDA-Approved Buffered Scleral Contact Lens Filling Solutions. Global Specialty Lens Symposium, January 2022.

48. Man, M., Bhakhri, R., Speilburg, A., Collison, F. Use of Genetic Testing to Confirm Late-Onset Stargardt Disease. American Optometric Association, June 2022.
49. Man, M., Alexopoulos, D. Optometry's Role in Diagnosing and Managing Patients with Stickler Syndrome. American Academy of Optometry, October 2022.
50. Matchinski, T., Pitts, A., Eros, P. Visual and Ocular findings in a Rohingya Refugee Population in Chicago. American Academy of Optometry, October 2022.
51. Merchant, N., Bhakhri, R. Macular toxicity secondary to long-term use of Pentosan Polysulfate Sodium (Elmiron). Heart of America Eye Care Congress, January 2022.
52. Merchant, N., Bhakhri, R. Branch Retinal Artery Occlusion Following Moderna COVID-19 Vaccination. American Academy of Optometry, October 2022.
53. Nau, C., Fogt, J., Harthan, J., Schornack, M., Nau, A., Yoon, H., Shorter, E. Fitting Scleral Lenses for Patients with Keratoconus: Comparison of Diagnostic, Image-guided, and Impression-based Designs. American Academy of Optometry, October 2022.
54. Nau, C., Harthan, J., Schornack, M., Shorter, E., Nau, A., Fogt, J. Patient Reported Midday Fogging is Not Related to Central Fluid Reservoir Clearance. Association for Research in Vision and Ophthalmology, April 2022.
55. Neher, F., Messner, L., McLeod, H. Chronic Retinal Detachment Secondary to Choroidal Hemangioma in Sturge-Weber Syndrome. American Academy of Optometry, October 2022.
56. Nichols, O., Messner, L., Randhawa, H. Chronic Progressive External Ophthalmoplegia Secondary to Kearns Sayre Syndrome. Heart of America Eye Care Congress, January 2022.
57. Opitz, D., Salazar, P., Hom, M., Hohs, K. Is BAK the Culprit?: A Glaucoma Case Report Featuring. American Academy of Optometry, October 2022.
58. Pandya, S. Sixth Nerve Palsy and Nasopharyngeal Granuloma; A Rare Initial Manifestation of Neurosarcoidosis. American Academy of Optometry, October 2022.
59. Pang, Y., Frantz, K., Robbs, C. Comparison of Heidelberg Spectralis OCT with Disc-Macula Distance to Disc Diameter Ratio in Diagnosing Optic Nerve Hypoplasia. American Academy of Optometry, October 2022.
60. Parikh, M., Pang, Y., Sicks, L. Comparison of the Performance of the Dry Eye Questionnaire (DEQ-5) to the Ocular Surface Disease Index (OSDI) in Children Aged 5 to 18 Years. American Academy of Optometry, October 2022.
61. Parikh, M., Pang, Y., Sicks, L. Risk Factors for Meibomian Gland Morphology Changes in Children Aged 4 to <18 years. Invest Ophthalmol Vis Sci 2022. 63, 7, 425.
62. Pérez, J., Randhawa, H., Messner, L. Progressive Optic Atrophy in the Presence of an Anterior Chiasmal Syndrome Secondary to Rathke's Cleft Cyst. American Optometric Association, June 2022.
63. Piser, D., Ittiara, S. A Complicated Presentation of Ocular Syphilis. American Academy of Optometry, October 2022.
64. Polk, N., Hohs, K., McLaughlin, M. An Atypical Clinical Presentation of Brown McLean Syndrome Progressing to Central Corneal Decompensation. American Academy of Optometry, October 2022.

65. Saksena, S., Allison, C. Managing Acquired Vertical Diplopia from Right Inferior Rectus Palsy following Cerebral Ischemic Event. American Academy of Optometry, October 2022.
66. Salazar, P. The Rapidity of Glaucomatous Damage in Pseudophakic Secondary Pupillary Block. American Academy of Optometry, October 2022.
67. Schornack, M., Nau, C., Harthan, J., Shorter, E., Nau, A., Patton, K., Fogt, J. Tear Exchange in Established Scleral Lens Wearers. Association for Research in Vision and Ophthalmology, April 2022.
68. Shorter, E., Fogt, J., Schornack, M., Nau, A., Harthan, J., Patton, K., Nau, C. Indication for Scleral Lens Wear and Fogging in Established Wearers. Association for Research in Vision and Ophthalmology, April 2022.
69. Shorter, E., Harthan, J., Fogt, J., Nau, A., Schornack, M., Nau, C. Practitioner Reported Scleral Lens Exam Components: SCOPE (Scleral Lens in Current Ophthalmic Practice Evaluation) 2020 Survey. Global Specialty Lens Symposium, January 2022.
70. Shpountova, K. Chronic Granulomatous Panuveitis with ANCA Positive Testing. American Academy of Optometry, October 2022.
71. Sicks, L., Steele, K., Man, M., Sicks, L., Rueff, E., Satjawatcharaphong, P. Educator Awareness of and Adherence to ISO Standards for Multipatient Use Diagnostic Contact Lens Disinfection. American Academy of Optometry, October 2022.
72. Skoog, W., Harthan, J., Fogt, J., Nau, A., Nau, C., Schornack, M., Shorter, E. Success Rate with Free-From Scleral Lenses for Patients with Corneal Irregularity. American Academy of Optometry, October 2022.
73. Skoog, W. Corneal toxicity in new multiple myeloma medication. American Optometric Association, June 2022.
74. Skoog, W. I can Tie My Shoes with One Hand; I'm Confident I can Do this". American Optometric Association, June 2022.
75. Skoog, W. McLeod, H. Let's Get Serious About Treating Central Serous. American Optometric Association, June 2022.
76. Trast, K., Bandstra, A. Fresnel prism for a patient with a scleral lens. College of Optometrists in Vision Development, April 2022.
77. Wentz, C., Winters, J. Blue Light Blocking Filters and Antireflective Coatings for Digital Reading: Does the Effect Differ for Low vs. High Eye Strain Symptoms. American Academy of Optometry, October 2022.
78. Wentz, C., Winters, J. The Effect of Ophthalmic Blue Blocker Filters and Anti-Reflective Coats on Digital Reading Efficiency and Comfort. Association for Research in Vision and Ophthalmology, April 2022.
79. Wyles, E., Simeon, R., Adams, S., Donati, R., Koenig, D. Students Evaluate Customized Instructional Videos for Successful Learning. Teaching Professor Conference, May 2022.
80. Zhuang, X., Jin, D., Roberts, D. The effect of flicker adaptation on contrast sensitivity in the inferred magnocellular visual pathway in glaucoma patients. American Academy of Optometry, October 2022.