

Karen Ann Kehbein, OD, FAAO, FOVDR

Associate Professor
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(810) 623-0471

Education:

Indiana University School of Optometry
Bloomington, IN; Doctor of Optometry; 2005- 2009
Graduated: May 2009

University of Michigan
Ann Arbor, MI; Bachelor of Science in Chemistry; 2001-2005
Graduated: April 2005

Residency:

Pediatric Optometry and Vision Therapy
Southern College of Optometry (SCO); 2009- 2010

Professional Experience:

Associate Professor
University of Detroit Mercy School of Optometry (UDMSO); January 2026- current

Adjunct Clinical Instructor
Chicago College of Optometry (CCO); September 2025- November 2025

Clinic Care Lead- Pediatrics and Vision Therapy
Chicago College of Optometry (CCO); July 2023-August 2025

Associate Professor
Chicago College of Optometry (CCO); May 2022- August 2025

Optometrist
Bunch Family Eyecare; June 2020- March 2022

Optometrist Leader
Lasik Plus Dallas; October 2018 – April 2022

Optometrist
McKinney Family Eyecare (MFE); June 2017 – October 2018

Assistant Professor
Southern College of Optometry (SCO); July 2012 – May 2017

Assistant Professor
Michigan College of Optometry (MCO); August 2010- June 2012

Associate Instructor
Indiana University School of Optometry (IU); August 2006-May 2008

Clinical Experience:

2023-present Clinical instructor: Vision Therapy Clinic, Midwestern University Eye Institute

2022-present Clinical instructor: Pediatrics Clinic, Midwestern University Eye Institute

2022-2025 Clinical instructor: Primary Care Clinic, Midwestern University Eye Institute

2020-2022 Optometrist: Clinic, Bunch Family Eyecare

2018-2022 Optometrist: Clinic, Lasik Plus Dallas

2017-2018 Optometrist: Clinic, McKinney Family Eyecare

2015-2017 Clinical instructor: Achievement School District Clinic, SCO

2012-2017 Clinical instructor: Pediatrics Clinic, The Eye Center at SCO

2012-2017 Clinical instructor: Teen Clinic, The Eye Center at SCO

2012-2017 Clinical instructor: Vision Rehabilitation/Vision Therapy Clinic, The Eye Center at SCO

2010-2012 Clinical instructor: Pediatrics and Binocular Vision Service, MCO

Teaching Experience:

2026- current Laboratory instructor: Visual and Applied Optics, UDMSOO
2026- current Laboratory instructor: Clinical Foundations II, UDMSOO
2025 Course Director: Non-Strabismic Binocular Vision Disorders, CCO
2023-2025 Course Director: Ophthalmic Optics II, CCO
2023-2024 Course Director: Epidemiology and Public Health, CCO
2023-2024 Laboratory instructor: Non-Strabismic Binocular Vision Disorders, CCO
2023 Course Director: Pediatric Optometry, CCO
2022-2025 Laboratory instructor: Ophthalmic Optics 1 and 2, CCO
2022-2025 Laboratory instructor: Pediatric Optometry, CCO
2018-2022 Optometrist Leader: training recently hired optometrists, Lasik Plus Dallas
2013-2017 Instructor of Record: Vision Therapy, SCO
2015-2016 Instructor of Record: Seminar in Advanced Pediatrics and Advanced Vision Therapy, SCO
2013-2016 Laboratory instructor: Pediatric Optometry, SCO
2013 Instructor of Record: Pediatric Optometry, SCO
2011-2012 Laboratory instructor: Treatment of Accommodative & Binocular Dysfunction, MCO
2011-2012 Lecturer, laboratory coordinator: Diagnosis of Accommodative and Binocular Dysfunction, MCO
2011-2012 Laboratory instructor: Injectable Pharmaceuticals Lab, MCO
2011-2012 Laboratory coordinator: Clinical Problem Solving 3, MCO
2011 Instructor of Record: Developmental and Behavioral Pediatric Optometry, MCO
2010-2011 Laboratory instructor: Developmental and Behavioral Pediatric Optometry, MCO
2010 Laboratory instructor: Theory and Methods, SCO
2006-2008 Discussion and laboratory instructor: Geometric and Visual Optics, IU

Research Experience:

Pediatric Eye Disease Investigator Group

Chicago College of Optometry; October 2022-2025

Co-investigator on PEDIG study ATS22

Co-investigator on PEDIG study IXT7

Southern College of Optometry; May 2014-May 2017

Co-investigator on PEDIG study SAS1

Co-investigator on PEDIG study IXT5

Temple Israel Summer Fellowship Research Coordinator

Southern College of Optometry; May 2013-August 2013

Coordinated summer researcher through fellowship program

Dean's Summer Research Scholar

Indiana University School of Optometry; May 2006-July 2006

Created research protocol and examined glaucoma drug effects on cornea aquaporin channels

Institutional Service:

2023-2025 Clinic Council, CCO
Clinic Care Lead- Pediatrics and Vision Therapy 2023-2025
2022-2025 Continuing Education, CCO
Committee member 2022-2025
2022-2025 Faculty Development, CCO

	Co-chair 2024-2025 Committee member 2022-2024
2022-2025	Residency Committee, CCO Committee member 2022-2025
2022-2023	Best Practices, CCO Committee member 2022-2023
2022-2023	Student Promotion and Graduation, CCO Committee member 2022-present
2019-2020	Region 1 Operational Support Team, Lasik Plus Committee member 2019-2020
2015-2017	Faculty Course Master, SCO Homecoming Continuing Education 2015-2017
2013-2017	Michigan State Club Advisor, SCO Advisor to club 2013-2017
2013-2015	Faculty-President Liaison Committee, SCO Committee member 2013-2015
2013-2016	Eye Spy Planning Committee, SCO Committee member 2013-2016
2013	Rising Stars Program, SCO Coordinator of program 2013
2012-2017	Curriculum Committee, SCO Committee member 2012-2017
2010-2012	Curriculum Committee, MCO Committee member 2010-2011 Chairperson 2011-2012
2011-2012	Admissions Committee, MCO Committee member 2011-2012
2011-2012	Faculty Recruitment Committee, MCO Committee member 2011-2012
2011-2012	Marketing Committee, MCO Committee member 2011-2012
2011	Academic Review Committee, MCO Alternate committee member 2011
2011	Promotion and Merit Committee, MCO Alternate committee member 2011
2010-2011	Student Recruitment Committee, MCO Committee member 2010-2011
2010	Vision Screening Coordinator, MCO Coordinator and overseeing staff optometrist

Community Service:

Optometric Vision Development and Rehabilitation Association (formerly COVID)

Aurora, OH; June 2015-present

Serving as Chair of the Optometric Educators Committee 2023-present

Served as Co-Chair of the Academic Services Committee 2015-2023

Serving as a mentor for candidates in the fellowship process 2019-present

Accreditation Council on Optometric Education

St. Louis, MO; 2011-present

Serving as a review team member for residency accreditation visits

Memphis Area Alpha Delta Pi Alumnae Association

Memphis, TN; 2012-2017

President of the association 2016-2017

Member 2012-2016

Monroe County Children's Vision Center

Aberdeen, MS; April 2014-June 2014

Served as a member of the nonprofit board

Alpha Delta Pi Sorority

Memphis, TN; November 2012-August 2014

Served as the Chapter Advisor for the local chapter at the University of Memphis

Previously served as the Membership Education Advisor, 2012-2013

Student Volunteers for Optometric Service to Humanity

Las Canas, Dominican Republic; May 2016 and May 2017

Served as a staff doctor to assist students with providing approximately 700 vision exams to underprivileged residents

May Pen, Jamaica; May 2015

Served as the only staff doctor on the trip to assist students with providing over 800 vision exams to underprivileged residents

Belmopan, Belize; May 2014

Served as a staff doctor to assist students with providing approximately 900 vision exams to underprivileged residents

Urraco, Honduras; May 2013

Served as a staff doctor to assist students with providing approximately 800 vision exams to children and underprivileged residents

Oktobersky, Belarus; May 2010

Served as a staff doctor on trip to schools in Belarus to provide over 500 vision exams to underprivileged children living in rural Belarus

Merida, Mexico; August 2009

Served as a staff doctor to assist students with providing over 800 vision exams to underprivileged residents

MCO Social Group

Big Rapids, MI; April 2011-June 2012

Organized social activities for faculty, staff, and administrators at the Michigan College of Optometry

MCO Birthday Club

Big Rapids, MI; April 2011-June 2012

Planned monthly birthday celebrations for faculty, staff, and administrators at the Michigan College of Optometry

Grand Rapids Children's Museum

Grand Rapids, MI; March 2011, March 2012

Volunteered as part of Children's Vision Day at the museum

Elementary School Vision Screenings

Memphis, TN City and County Schools; September 2009-April 2010; September 2012-September 2016

Shelbyville, KY Community Schools; September 2008-October 2008

Bloomington, IN Community Schools; September 2007-November 2007

Provided vision screening exams to over 1000 elementary and middle school students

Grants:

Michigan Foundation for Vision Awareness Grant

September 2011

Funding in the amount of \$300 to support research related to InfantSEE awareness among Michigan Pediatricians

Timme Travel Grant

Ferris State University, April 2011

Funding in the amount of \$700 to attend the COVD Annual Meeting

Review Boards:

Peer Reviewer

Optometry and Visual Performance (OVP), 2023-present

Review papers submitted for publication

Consulting Editor

Journal of Behavioral Optometry (JBO), June 2011-December 2012

Solicit papers for publication from authors and review papers submitted for publication

Presentations:

Kehbein K, Prestwich C. Management of Adult-Onset Diplopia, Chicago College of Optometry Spring 2025 CE Event; Downers Grove, IL; March 2025.

Kehbein K, Prestwich C. Vision in the Classroom, American Academy of Optometry Meeting; Indianapolis, IN; November 2024.

Kehbein K, Prestwich C. Accommodations in the Classroom: What is our role?, Optometric Vision Development & Rehabilitation Association Annual Meeting; San Francisco; April 2024.

Kehbein K, Gialousakis J. Myopia Control for the Primary Care Optometrist, Chicago College of Optometry September CE Event; Downers Grove, IL; September 2023.

Kehbein K. My Approach To: Treatment of an Acquired Sixth Nerve Palsy in a Pediatric Patient, College of Optometrists in Vision Development Annual Meeting; Jacksonville, FL; April 2017.

Kehbein K. Amblyopia Update for the Primary Care Optometrist, Southern College of Optometry Spring CE Weekend; Memphis, TN; April 2017.

Kehbein K, Taub M, Harris P. Visual Information Processing Treatment: A Hands On Approach, American Academy of Optometry Meeting; Anaheim, CA; November 2016.

Kehbein K. Optometric Management of Children with Special Needs, Southern College of Optometry Spring CE Weekend; Memphis, TN; April 2015.

Massucci, M, Williams G, **Kehbein K**, et.al. Clinical Pearls and Case Reports Grand Rounds, College of Optometrists in Vision Development Annual Meeting; San Diego, CA; October 2014.

Kehbein K. Ocular and Systemic Manifestations of Child Abuse, Indiana University School of Optometry Alumni Weekend Continuing Education Seminar; Bloomington, IN; October 2014.

Kehbein K. Binocular Vision Abnormalities in the Special Needs Population, Minnesota Optometric Association Annual Meeting; St. Paul, MN; February 2014.

Kehbein K. Child Abuse: Optometry's Role, Minnesota Optometric Association Annual Meeting; St. Paul, MN; February 2014

Kehbein K. Optometry in 3D, International Seminar for Investigation and Innovation in Vision Science, La Salle University, Bogota, Colombia; November 2013.

Kehbein K. Pediatric Optometry Course, La Salle University, Bogota, Colombia; November 2013.

Taub M, **Kehbein K**, Harris P. Visual Information Professing: A Hands on Approach, American Academy of Optometry Meeting, Seattle, WA and New Orleans, LA; October 2013 and October 2015.

Kehbein, K. Optometry in 3D, MCO Summer CE, Michigan College of Optometry, Big Rapids, MI; June 2012.

Kehbein K. Vision Screening Update, Faculty Development Seminar, Michigan College of Optometry; Big Rapids, MI; June 2011.

Kehbein K. Vision is More than 20/20, Grand Rounds, Southern College of Optometry; Memphis, TN; April 2010.

Kehbein K, Schuelke A. Case Presentations: A Resident's Perspective. Guest Lecture, Vision Therapy Class, Southern College of Optometry; Memphis, TN; February 2010.

Kehbein K. Infant Development Stages. Case Presentation, Michigan Vision Therapy Study Group Meeting; Grand Rapids, MI; January 2010.

Posters:

Kehbein K, Prestwich C, Rice S, Chakraborty A. Association Between Intelligence and Visual Perception in Professional Students. Poster Session, AAO Annual Meeting, Boston, MA; October 2025.

Kehbein K, Williams J, Collison F. Simultaneous Solar and Laser-pointer Maculopathy. Poster Session, AAO Annual Meeting, Boston, MA; October 2025.

Kehbein K, Mallios J, El-Khazendar S, Krambeck C. A Case of Bilateral Internuclear Ophthalmoplegia: Using an Interdisciplinary Treatment Approach. Poster Session, OVDRA Annual Meeting, Fort Worth, TX; April 2025.

El-Khazendar S, **Kehbein K.** Modifying Vision Therapy Techniques for A Pediatric Patient with Cortical Visual Impairment. Poster Session, OVDRA Annual Meeting, San Francisco, CA; April 2024.

Kehbein K. Use of Base Out Prism to Improve Symptoms in a Post-Strabismic Surgery Adult Patient. Poster Session, COVD Annual Meeting, Toronto, Canada; April 2023.

Kehbein K, Taub M. A Comparison of the Matching Familiar Figures Test (MFFT) and the Test of Visual Perceptual Skills (TVPS) in Children. International Congress of Behavioral Optometry Meeting; Birmingham, England; September 2014.

Kehbein K, Reckow P, Presto White W. InfantSEE Awareness Among Michigan Pediatricians. Poster Session, COVD Annual Meeting, Orlando, FL; October 2013

Kehbein K, Czinder N, Sutter, K. Developmental Outcomes of Shaken Baby Syndrome: A Case Report. Poster Session, COVD Annual Meeting, Ft. Worth Texas; October 2012.

Kehbein K. Down Syndrome and Vision Therapy: A Case Report. Poster Session, International Congress of Behavioral Optometry Meeting; Ontario, CA; April 2010.

Kehbein K, Steinman S, Keener B. VEP for the Primary Care Optometrist. Poster Session, International Congress of Behavioral Optometry Meeting; Ontario, CA; April 2010.

Schuelke A, **Kehbein K**. Agenesis of the Corpus Collosum and Visual Function. Poster Session, COVD Annual Meeting; Denver, CO; October 2009.

Book Chapters:

Kehbein K. Constant Alternating Esotropia with Constant Right Hypertropia. Chapter in: *Vision Therapy Success Stories from Around the World*, by Marc B. Taub and Pamela H. Schnell, Santa Ana, CA: Optometric Extension Program Foundation: 2015.

Kehbein K, Taub MB. Intellectual Disability of Unknown Etiology. Chapter in: *Visual Diagnosis and the care of the Patient with Special Needs*, by Marc B. Taub, Mary Bartuccio, and Dominick M. Maino, Philadelphia: Lippincott Williams & Wilkins: 2012.

Peer Reviewed Publications:

Kehbein K. My Approach to Treatment of an Acquired Sixth Nerve Palsy in a Pediatric Patient. Practice Update website. Available at: <http://www.practiceupdate.com/content/my-approach-to-treatment-of-an-acquired-sixth-nerve-palsy-in-a-pediatric-patient/59104/65/5/3>.

Kehbein K. Developmental Outcomes of Shaken Baby Syndrome: A Case Report. *Optometry & Visual Performance*. 2016;4(2):80-3.

Kehbein K. Literature Review: Cognitive Functioning and Eye Movements. *Optometry & Visual Performance*. 2014;2(1):39.

Kehbein K. Visual Impairment Secondary to Congenital Cataracts: A Case Report. *Journal of Behavioral Optometry*. 2012; 23(1):16-20.

McNaughton B, **Kehbein K**, et al. Sudden Breakdown in Linear Response of a Rotationally Driven Magnetic Microparticle and Application to Physical and Chemical Microsensing. *Journal of Physical Chemistry B*. 2006, 110, 18958.

Giner JL, **Kehbein K**, et al. Synthesis of Fluorescent Derivatives of Wortmannin and Demethoxyviridin as Probes for Phosphatidylinositol 3-kinase. *Bioorganic & Medicinal Chemistry Letters*. 2006, 16, 2518.

Fellowships:

American Academy of Optometry

Fellowship (FAAO), October 2015

Optometric Vision Development & Rehabilitation Association

Fellowship (FOVDR), October 2013

Professional Memberships:

Optometric Vision Development & Rehabilitation Association

American Academy of Optometry

Illinois Optometric Association

American Optometric Association

InfantSee

Professional Licenses:

Optometrist

State of Michigan (4901004591)
Diagnostic/Therapeutic Pharmaceutical Agents Certified
Expires 06/30/2027

Optometrist

State of Illinois (046.011603)
Optometrist Controlled Substances
Expires 03/31/2026

Optometrist

State of Texas (9161TG)
Optometric Glaucoma Specialist
Therapeutic Optometrist
Inactive status

Optometrist

State of Tennessee (OD0000002873)
Injectible Certification
Therapeutic Certification
Inactive status

References:

Available upon request