

# Karen Ann Kehbein, OD, FAAO, FOVDR

Associate Professor

University of Detroit Mercy School of Optometry

## 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 COVD)  
 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

Oktoberky, 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**. Agnesis 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