College of Optometry Residency in Pediatrics and Binocular Vision

This residency program at the College of Optometry at UM-St. Louis provides advanced clinical experience in all aspects of pediatric optometry and binocular vision patient care. Opportunities exist for working with a number of faculty, as well as participating in research and interacting with graduate students. The resident will co-manage cases with other health care and education professionals. The program is flexible and can be adapted to meet the particular needs of the resident.

Participants in the program will:

- Gain extensive and diverse pediatric, binocular vision, vision therapy, and primary care patient experience.
- Gain experience with cooperative management of learning related vision problems through their participation in the Pupil Project, a joint program with the UM-St. Louis College of Education.
- Develop skills to educate others by assisting in clinics, laboratories, and seminars.
- Be provided opportunities for advanced study and research on pediatric and binocular vision topics.

General Information
http://optometry.umsl.edu

Please email Dr. Vinata Henry for more information at: vhenry@umsl.edu

- Application deadline: February 1
- Starting date: On or about July 1
- Length of external programs: 1 year
- Length of internal programs: 54 weeks

Prerequisites:

- Application to Optometry Residency Matching Service
- http://www.optometryresident.org
- Curriculum vitae
- Official optometry school transcripts
- Successful completion of NBEO
- Three letters of recommendation
- O.D. degree from accredited school or college
- Eligible for Missouri optometry licensure
- Interview

College of Optometry Residency in Cornea and Contact Lenses

This residency program at the College of Optometry at UM-St. Louis provides extensive clinical experience in the theory and clinical application of contact lenses. Participation in advanced contact lenses and corneal physiology instruction, research and rotation through ophthalmology and refractive surgery clinics will be included in this program. Contact lens practice management will be emphasized with the assistance of experienced adjunct faculty.

Participants in the program will:

- Strengthen their expertise in contact lenses, especially fitting gas permeable, ortho-keratology, specialty and difficult-to-fit contact lenses.
- Gain experience in fitting all types of contact lenses, but especially keratoconic, presbyopic, irregular cornea and post-surgical patients.
- Gain experience in clinical research.
- Learn to educate and instruct others.
- Be given the opportunity to increase expertise in advanced contact lens instruction by prominent contact lens practitioners from across the country.
- Strengthen their expertise in optometric public speaking and writing for publication.
Residency in Pediatric Optometry
Children’s Mercy Hospitals and Clinics

This residency program at The Children’s Mercy Hospital and Clinics, Department of Ophthalmology, located in Kansas City, provides advanced clinical education in the diagnosis and management of eye and vision problems encountered in pediatric eye care.

Participants in the program will:
- Strengthen their expertise in refractive disorders of infants and examination skills with pediatric patients.
- Strengthen their expertise in the management of accommodative esotropia.
- Increase their understanding of non-refractive strabismus.
- Expand their knowledge in the diagnosis and treatment of amblyopia.

Ocular Disease and Low Vision Rehabilitation, Kansas City VA Medical Center

This residency program at the Eye/VICTORS Clinic, Kansas City Veterans Affairs Medical Center in Kansas City, Missouri provides a wealth of clinical experience in the diagnosis and treatment of patients with ocular disease. The low vision program provides the resident with advanced low vision experience.

Participants in the program will:
- Learn to perform advanced procedures in the diagnosis and treatment of ocular disease.
- Use new low vision concepts, techniques and devices to rehabilitate people with vision impairments.
- Develop an understanding of the eye care literature and expand their teaching abilities.
- Learn to work as part of a multidisciplinary health care teams that includes physicians, social workers, audiologists and ophthalmologists.

Primary Care/Low Vision Rehabilitation at the Robert J. Dole VA Medical Center

This residency program at the Robert J. Dole Veterans Affairs Medical Center, located in Wichita, Kansas, provides advanced clinical training in primary eye care, pre and post-surgical care, ocular disease and low vision evaluation.

Participants in the program will:
- Be provided extensive clinical experiences with an emphasis in primary care/ocular disease, geriatric and low vision rehabilitation optometry.
- Be involved in scholarly activities, which will enhance their ability to educate and instruct others.
- Enhance their ability to function in a multidisciplinary health care setting.
- Increase their ophthalmic knowledge base.

Primary Care/Geriatrics
St. Louis VA Medical Center

This residency program at the Veterans Affairs Hospital in St. Louis, Missouri provides advanced clinical training in primary care optometry with an emphasis on geriatric patients and diseases of the elderly.

Participants in the program will:
- Treat and manage a full range of visual problems and diseases of elderly patients.
- Work in hospital setting and interact with other healthcare professionals.
- Function as part of a multidisciplinary geriatric evaluation team.
- Gain experience in ordering imaging studies and laboratory tests.
- Rotate through several ophthalmology subspecialty clinics including glaucoma, retina-ophthalmology, corneal plastics and retina.
- Conduct and participate in research.
- Provide contact lens care for patients with challenging conditions such as aphakia and corneal irregularity.