

**Residency in Pediatric Optometry
At SUNY State College of Optometry**

Program Curriculum

Clinical Curriculum

The clinical curriculum is designed so that the residents first provide direct patient care to establish basic clinical competence in pediatric optometry patient encounters. In January of the academic year, the residents begin developing clinical teaching skills by supervising fourth year student interns. This may take place a little earlier or later in the year, at the discretion of the program supervisor. The Pediatric Clinic is part of the Primary Care Service of the University Eye Center, which serves a diverse patient population, affording the residents experience in seeing patients with a range of ages, visual needs and visual capabilities. The Pediatric Clinic also provides eye care for children with special needs and pediatric ocular disease. In addition to the Pediatric Clinic, the residents rotate through the following services at the University Eye Center (UEC) at the SUNY College of Optometry: Vision Rehabilitation: includes Vision Therapy Skills & Perceptual, Strabismus, and Acquired Brain Injury and Advanced Care Service which includes Myopia Control and Specialty Contact Lens clinics. Each resident is expected to have a minimum of 750 patient encounters. Successful completion of the clinical curriculum is based upon meeting the minimum number of patient encounters as listed below:

I. Approximately 70% of the residents' time is spent at the University Eye Center and the remaining 30% is spent in a hospital based setting. The residents will devote approximately 75% of their time to Pediatric patient care from encounters seen at both the UEC and at WH. The residents will supplement their clinical training by spending the remaining time at the UEC providing patient care in the Myopia Control Service, in the Vision Therapy Service or other (year dependent).

II. Each resident should have a minimum of 750 total patient encounters in

Pediatrics/Infant Vision with the following breakdown:

	Minimum Number of Patients
Pediatric vision clinics/hospitals	150 - 250
Infants vision clinics/hospitals	150 - 250
Preschool and Infants therapy	yearly dependent
Pediatric Ophthalmology	yearly dependent
Pediatric Vision Screenings (Modified Clinical Technique)	yearly dependent

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6629797/>

<https://onlinelibrary.wiley.com/doi/full/10.1111/cxo.12029>

With an additional minimum of 40-50 encounters in:
Vision Therapy (Strabismus, Amblyopia, Skills, Biofeedback, Eye Movements,
Perceptual/Developmental), Myopia Control, Specialty Contact Lenses, Special Testing/
Ocular Disease, Neuro-optometry and/or Low Vision

Didactic Curriculum

Successful completion of the educational aspect of the program involves participation in seminars on topics related to pediatric & binocular vision, in addition to the SUNY Residency Friday Program requirements. The seminars are given by SUNY Faculty and selected guest lecturers. The seminars take place in the summer quarter and can extend into the fall quarter as needed. These seminars are specific to those residents in the Rehabilitation residency programs or related residency programs. The residents must attend all required Friday Programs and a minimum of 45 hours of additional courses (see below). The residents are also strongly encouraged to attend monthly Grand Rounds at SUNY, which are held on the second Tuesday morning of each month (when it does not conflict with their clinical assignments). They may participate in by presenting at Grand Rounds.

I. SUNY Friday Program (required attendance):

Four required programs:

Workshop on Public Speaking

Writing Workshop (two sessions)

Practice Management Workshop

In addition:

Advanced Seminar Lectures (45 didactic hours)

Advanced Clinical Procedure Summer Workshops

II. Pediatric Program:

The residents will be exposed to professionals from at least four of the following clinical areas and/or disciplines:

Pediatrics (General, Neonatal, Child Development, Neural Development,
Pediatric Oncology)

Psychology (Developmental, Child)

Children with Special Needs (Occupational Therapist, Physical Therapist,
Speech Pathologist)

Rehabilitation of the Visually Handicapped

Head Trauma / Acquired Brain Injury

Education

Learning Disabilities

Other

Professional Development/ Scholarly Activity Curriculum

The residents have the following mandatory requirements: 1) Minor presentation, 2) Major presentation, and 3) Publishable quality paper. This portion of the curriculum

ensures that the residents have the skills and resources to continue to contribute to the profession of optometry as leaders and experts in pediatric vision. To increase the residents' comfort and to encourage the residents to participate in scholarly activities, the residents are strongly encouraged to submit abstracts for poster/presentation for optometric conferences (AAO, COVD, AOA). Although not required, opportunities to participate in clinical research are available to any resident who is interested.

- I.** Minor Presentation (20 minutes presentation) (Fall)
- II.** Major Presentation (one hour cope approved lecture) (March)
- III.** Publishable Quality Paper (June)
- IV.** Submit a poster/paper/research to an optometric meeting (Academy, COVD, other)

Clinical Teaching

Winter/Spring Quarters: The residents must develop their clinical teaching skills by participating in the education and supervision of fourth year clinical externs from SUNY while rotating through the University Eye Center, SUNY College of Optometry, Pediatric Clinic for at least ten (three hour) sessions. To assist the residents in transitioning to a preceptor role, they will attend a Friday Program on Clinical teaching and the residents will be paired up with a preceptor doctor while supervising interns.