

Optometric Residency in Cornea and Contact Lenses

PROGRAM GOALS AND OBJECTIVES

GOAL 1. To recruit qualified graduating or graduate optometrists to fill the class.

Objectives:

- a. A commitment for funding will be made by the Pennsylvania College of Optometry at Salus University through its annual budgeting process such that resident salaries are commensurate with the current market each year and that an appropriate budget is in place to support the program.
- b. The residency mission statement along with program information will be published on-line that includes a description of the program, employment benefits, sample schedules and application procedures. The written catalog will be sent electronically when requested by interested candidates.
- c. Advertisements will be placed in the AOA *Foresight*, flyers will be sent to all accredited optometry schools. Flyers, and when possible a representative, will be present at the AOA and AAO meetings for recruitment purposes.
- d. A committee will be convened to interview all qualified candidates, either in person or on the phone. All interviews will be completed by the end of February. Ranking of candidates will be completed by the end of February.
- e. Candidates will be offered positions in rank order until all positions are filled in accordance with Optometry Residency Match (ORMatch) system.

GOAL 2. To elevate the entry-level contact lens skills and knowledge associated with the management of the following conditions: presbyopia; myopia; hyperopia; astigmatism; anisometropia; and aphakia

Objectives:

- a. The resident will be assigned to the Cornea and Specialty Contact Lens Service (CASCLS) of The Eye Institute an average of 3-4 sessions a week. The resident will provide direct care, assisted by fourth year optometry interns, to patients who present for routine contact lens care.

- b. The resident will be assigned to the offices of James Lewis, MD, a cornea and anterior segment disease specialist, an average of two days a week to provide pre and post surgical care to patients who have undergone keratorefractive surgery, cataracts surgery, glaucoma surgery, or corneal transplantation.
- c. The resident may participate in on-going clinical research by fitting and managing patients with conventional or specialty contact lenses.

GOAL 3 To develop advanced contact lens skills in the management of the following conditions: presbyopia; keratoconus and other corneal dystrophies; corneal disfigurement; myopia reduction (orthokeratology); high refractive error; post-surgical contact lens care; and anterior segment disease requiring therapeutic contact lens management

Objectives:

- a. The resident will be assigned to CASCLS an average of 3-4 sessions a week. The resident will provide direct care, assisted by fourth year optometry interns, to patients who present for specialized contact lens care.
- b. The resident will be assigned to the Cornea and Anterior Segment Disease Service in The Eye Institute at least two sessions a week to provide direct care to patients presenting with a variety of corneal disease entities, as well as other manifestations of acute and chronic anterior segment disease.

GOAL 4 To develop the resident's skills in the performance, interpretation, and application of advanced skills in the context of clinical problem solving.

Objectives:

- a. The resident will perform corneal topography and pachymetry on all patients for whom these procedures are appropriate.
- b. The resident will employ computer-assisted contact lens design in all appropriate cases.
- c. The resident will become skilled in anterior segment and video slit lamp photography.

GOAL 5 To enhance the resident's skills in the pre- and post-procedural management of keratorefractive surgery patients.

Objectives:

- a. The resident will be assigned to the offices of James Lewis, MD, an average of two days per week (4 sessions). The resident will provide direct pre- and post-procedural care to patients who present for keratorefractive surgical procedures under the supervision of the corneal specialist.
- b. At Dr Lewis' office, the resident will observe the above surgical procedures as part of the comprehensive care of these patients.

GOAL 6 To enhance the resident's skills in the diagnosis and management of ocular disease.

Objectives:

- a. The resident will be assigned to the Cornea and Anterior Segment Disease Service in The Eye Institute 2 sessions a week to provide direct care to patients presenting with a variety of corneal and anterior segment anomalies.
- b. The resident will be assigned to Emergency Services one session a week for the first half of the program, both as a direct provider and as a supervisor of optometry interns, to triage and see patients presenting with urgent eye care needs. The resident will also be on-call 4-5 weeks during the year to provide direct care to patients presenting with urgent eye care needs when The Eye Institute is closed.

GOAL 7. To enhance the resident's ability to co-manage secondary and tertiary care patients through inter-disciplinary consultation and referral.

Objectives:

- a. The resident will have the responsibility of making appropriate referrals for patients to Specialty Services within The Eye Institute and to outside practitioners for consultation and/or management.
- b. The resident will prepare summary reports for patients under their care.

GOAL 8. To provide a substantive orientation program that will prepare the resident to assume their patient care responsibilities in The Eye Institute.

Objectives:

- a. An orientation program will be held during the first two weeks of the residency. Each resident will attend presentations on and will be provided with a handbook that will include information on:
 - 1) The University calendar and various schedules
 - 2) The Eye Institute operations

- 3) Patient care protocols
 - 4) Teaching of 2nd, 3rd, and 4th year interns
 - 5) University systems, such as computers and the library
 - 6) University policies in such areas as sexual harassment, use of University property including computers and the internet, and the inclement weather policy.
 - 7) Electronic Health Records Training
 - 8) HIPAA Training
- b. The resident will receive an orientation to the procedures and protocol employed at Dr. James Lewis' practice.
 - c. During the orientation period, the resident will begin to participate in patient care alongside the faculty and outgoing residents in order to acclimate the resident to the personnel and systems in the services to which the resident will be assigned.

GOAL 9 To provide a didactic program throughout the year that will increase the resident's fund of knowledge regarding diagnosis and management of ophthalmic dysfunction and ocular disease.

Objectives:

- a. Throughout the year, lectures and seminars will be scheduled for the residents, and attendance records will be maintained.
- b. Seminars will be held specifically for the residents in which clinical faculty and guest speakers will present various topics related to ocular and systemic disease, advanced prescribing and contact lens considerations, low vision, and pediatrics. Approximately thirty 90-minute presentations will be scheduled during the year.
- c. The resident will attend an average of one lecture per month presented by the ophthalmologic sub-specialist in cornea and anterior segment disease, a total of about 12 hours lecture during the year.
- d. The resident will attend one or more educational conferences specifically focused on advanced contact lens fitting and patient management. These are typically off campus, attended by other contact lens residents, and sponsored by the Gas Permeable Lens Institute, Vistakon, CibaVision, and/or Alcon Laboratories

GOAL 10 To promote development of the resident's skills as an educator and self-learner.

Objectives:

- a. As part of the orientation, the resident will receive instruction on being a teacher in the clinical setting. The resident will then appropriately supervise patient care by second, third, and fourth year optometry students under the guidance of clinical faculty. The resident may also teach in clinical and didactic laboratories along with more experienced clinical and didactic educators at the University.
- b. The resident will have the opportunity to hone public speaking skills through participation in the Grand Rounds program at least twice during the year by preparing and presenting a case to faculty, fellow residents, fourth year students, and local optometric practitioners attending for continuing education credit.
- c. The resident will prepare a poster or paper of publishable quality before the end of the program.

GOAL 11. To enhance the resident's professional behavior and interpersonal skills.

Objectives:

- a. The resident will be assigned to various patient care services in which they will demonstrate responsibility, sensitivity, maturity, sound judgment, and ethical behavior toward all people involved in the patient care experience.
- b. In all personal and professional interactions with members of the University community, the resident will demonstrate collegiality and respect.

Goal 12. To provide a suitable environment in which the resident can flourish.

Objectives:

- a. The resident will be supplied with an office that will include a desk, a chair, a telephone, and storage space. The resident will also have access to a computer, including internet access.
- b. The University and The Eye Institute will provide sufficient financial and personnel resources to support the educational objectives of this program.
- c. The University will publish and enforce non-discrimination policies, employee guidelines, and patient rights.