Northwestern University Feinberg School of Medicine

Ophthalmology Residency

At the cutting edge of ophthalmology education
Resident Education is the Primary Focus

Entire educational program revamped from the ground up

• Specialty rotations emphasis
  - focused
  - early and repeated exposure
  - every subspecialty thoroughly covered

Departmental Focus on Resident Education Dr. Christopher Chambers (Associate Program Director) teaching Dr. Deepak Mangla how to perform Botox injections.
Focused, Interactive, Case-based Learning

- Neuro-Oph
- Glaucoma
- Uveitis
- Cataract & Refractive
- Plastics
- Cornea
- Retina
- Peds

• 1.5 year-long curriculum
• Repeats twice for every resident
Large and Varied Patient Population

3 modern medical centers form core of residency experience

- Community clinic experience
- Exposure to private practice
Structured Surgical Curriculum

Emphasis on *early* exposure to surgery

- Spans entire 3 year
- Eyesi simulator
- Wetlab
- Hands-on OR training starting in first year of training!

Intraocular surgical experience starting in first year of residency. Northwestern residents Dr. Ann Jayaram and Dr. Dianna Liu performing phacoemulsification.
International Surgical Elective

Perform surgery in India!

- 2nd year of residency
- ~50 phaco cases in 3 weeks

Northwestern Residents Dr. Sarah Wehrli and Dr. Allison Soneru performing cataract surgery at the Grewal Eye Institute.
Beyond “Divide & Conquer”

Emphasis on *modern* approach to surgery

- Emphasizes refractive considerations
  - Multifocal, toric IOLs, LRIs
- Primary surgical experience with LenSx & Catalys femtosecond lasers
- Emphasizes variety of surgical techniques

*Northwestern residents performing surgery at the VA.* Dr. Ann Jayaram performing LenSx laser-assisted cataract surgery. Dr. Shira Simon and Dr. Dilraj Grewal at the surgical microscope.
Structured Research Course

Step-by-step program supporting resident research

- Easy access to faculty projects and mentorship
- Regularly-scheduled milestones
- Statistician support
- Departmental support for travel/housing to present at national conferences
Elective Rotation

Explore and personalize your academic interests

- 2\textsuperscript{nd} year of residency
- 3-weeks-long
  - Clinical subspecialty
  - Research
  - International or community ophthalmology project
Robust Medical Ethics & Humanities Curriculum

Grow as a physician & as a person

- Yearly Medical Humanities Day
- Yearly Teaching Conference
- Yearly Multidisciplinary Conference

Multifaceted Education Examples of some of the works of literature and film examined at departmental conferences.
Leadership Development

Roll up your sleeves and get involved!

- *Every* senior gets to be chief
- Represent fellow residents in monthly Program Evaluation Committee meetings
- Work hand-in-hand with PD
- Participate in hospital committees

**Chief Resident Experience.** Every senior Northwestern resident gets a turn at participating in key departmental activities as the chief resident.
Ongoing Evaluation & Program Improvement

Get feedback, give input, make a difference!

- Anonymous annual evaluation of program, rotations, faculty by residents
- Post-rotation evaluation of resident by faculty
- Formal feedback on surgical technique, Grand Rounds presentations
Dedicated Experienced Faculty

Every Subspecialty Represented

• Renown experts committed to resident education