Graduate Training in Dermatology

Mayo Graduate School of Medicine

Mayo Clinic Scottsdale
Scottsdale, Arizona
Graduate Training in Dermatology

The three-year Dermatology Residency Program at Mayo Clinic Scottsdale offers:

• Extensive clinical training in the diagnosis and medical and surgical treatment of diseases of the skin and mucous membranes
• Intensive didactic training and the opportunity to conduct clinical research
• A patient mix that provides experience with both routine general dermatology cases and unusual skin disorders, ensuring strong training in diagnostics
• Thorough preparation for a career in academic dermatology, dermatopathology, Mohs surgery or dermatologic surgery

Mayo Clinic’s favorable faculty ratio, large patient population and state-of-the-art diagnostic, therapeutic and research facilities combine to create a truly integrated educational experience. The “Mayo Clinic way” of graduate medical education ensures you will have the finest teaching and the broadest patient care experience possible during a busy, hands-on residency program.
Training at Mayo Clinic

Mayo Clinic has a long-standing tradition of practicing both the art and science of medicine. As one of the country’s largest and best-known private group practices of academic medicine, Mayo Clinic was founded on the belief that physicians need to work together, teach and learn from others, and conduct research to provide sustained, excellent patient care.

Physicians, scientists, residents, students, nurses and allied health staff members work as a team at Mayo Clinic. Our staff clinicians and scientists are called consultants in recognition of their teaching and mentoring role on the team.

Mayo Clinic teamwork spans many locations

**In Jacksonville, Florida**
Mayo Clinic Jacksonville
St. Luke’s Hospital

**In Rochester, Minnesota**
Mayo Clinic Rochester
Saint Marys Hospital
Rochester Methodist Hospital
Charter House

**In Scottsdale, Arizona**
Mayo Clinic Scottsdale
Mayo Clinic Hospital

Mayo Health System
Program Description

This Dermatology Residency Program (PGY-2 through PGY-4) will prepare you for a career in private practice or academic medicine. Your training will include:

- Outpatient and inpatient clinical dermatology
- Dermatologic surgery
- Dermatopathology
- Immunodermatology
- Clinical research
- Elective Rotations at Mayo Clinic Jacksonville and/or Mayo Clinic Rochester

Before you begin your residency, you need to complete one year of clinically-based training at Mayo Clinic or another ACGME-approved academic institution in the United States. This year may include clinical training in an internal medicine or pediatrics training program. At Mayo Clinic, the following programs are available:

- Transitional year program at Mayo Clinic Scottsdale
- Preliminary internal medicine program at Mayo Clinic Rochester
- Transitional year program at Mayo Clinic Jacksonville
Clinical Training

Rotation Schedule

The following is a typical rotation schedule:

First Year (PGY-2)
Outpatient dermatology . . . 6 months full days, 6 months half days
Dermatopathology . . . . . . 12 months, one half day per week
Dermatologic surgery . . . 6 months, one day per week
Hospital consult service . . . 6 months, half days
Inpatient dermatology,
  Mayo Clinic Rochester . . . 2 months (elective)

Second Year (PGY-3)
Outpatient dermatology . . . 6 months full days, 4 months half days
Dermatopathology . . . . . . 4 months, half days
Outpatient dermatologic surgery . . . . . . . . . 2 months

Third Year (PGY-4)
Senior resident associate (SRA) in:
  Outpatient dermatology,
    Mayo Clinic Scottsdale . . . 12 months

In addition to the rotations during PGY-4, you will have a weekly dermatologic surgery procedure clinic as a senior resident.

Throughout your three-year training in Dermatology at Mayo Clinic Scottsdale, you will have one-half day per week for academic time, when no patients will be scheduled. During this time, you will have the opportunity to read, study, attend conferences and work on academic projects. Elective rotations of a maximum of one month per year will be offered at Mayo Clinic Rochester, Mayo Clinic Jacksonville or other approved institutions.
Rotation Descriptions

First Year
During the first year of your residency program, most of your clinical time will be spent in the dermatology clinic, where you will be closely supervised by the faculty. During six months of this time, you will spend two half days assisting with Mohs and dermatologic surgery. Throughout the year will spend one half day participating in dermatopathology readout.

During the afternoons of six months of the first year, you will be assigned to the hospital consultation service at Mayo Clinic Hospital in Phoenix. A two-month elective is available for you in the dermatology inpatient service at Mayo Clinic Rochester. Your participation in this elective is encouraged. While on this inpatient service, you will care for an average of four patients. Due to the size of its referral practice, Mayo Clinic’s inpatient service provides a unique experience. During the rotation you will learn to care for patients with serious, acute and chronic skin disorders, as well as associated system problems. You will also have the opportunity to participate in the Psoriasis Day Care Center and spend time in the Immunodermatology Laboratory.

Second Year
You will spend your second year taking rotations in dermatopathology, dermatologic surgery and outpatient consultative dermatology. This experience includes:
• Four months of half days in the dermatopathology laboratory, with the opportunity to work closely with our dermatopathologist.
• Two months of intensive one-on-one outpatient dermatologic surgery care, with exposure to Mohs micrographic surgery and advanced cutaneous surgical procedures, including laser treatments.
• Six months of full-day, and four months of half-day outpatient care.
Third Year
You will spend your final year in dermatology training (PGY-4) as a senior resident associate in the outpatient department, with daily supervision by the Mayo consultant staff. You will gain more experience in diagnosing and managing dermatologic conditions, and will conduct dermatology surgical procedures under the supervision of the consulting staff.

You will have one month in PGY-3 and PGY-4 of elective time that can be spent in clinical research, surgery, dermatopathology or outpatient clinic work. You will have the opportunity to do most of the foregoing at Mayo Clinic Rochester or Mayo Clinic Scottsdale.

Didactic Training
Clinical conferences, seminars, small discussion groups, journal clubs, and one-on-one instruction are all an integral part of Mayo Clinic’s Dermatology Residency Program.

*Typical Conference Schedule*

**Monday**
A.M. Dermatopathology Conference
Core Curriculum Conference
Monthly Dermatologic Surgery Journal Club Conference

**Tuesday**
A.M. Show and Tell Conference
Noon Monthly Issues in Medicine Conference (ethics, law, economics course)
Wednesday
A.M.  Clinical Case Conference
Noon  Twice monthly Nurse/Resident Conference

Thursday
A.M.  Twice monthly Journal Club/General Medicine in Dermatology Lecture

Friday
A.M.  Weekly Introduction to Dermatopathology (first ten weeks of year) OR Internal Medicine Grand Rounds

Teaching Opportunities
You will have the opportunity to teach rotating Mayo Clinic Scottsdale Family Medicine, Transitional Year and Internal Medicine residents, as well as Mayo Clinic Rochester visiting Dermatology residents. This will be accomplished through clinical instruction as well as formal didactic lectures.

Cardiac Life Support Certification
Certification in Basic Cardiac Life Support and Advanced Cardiac Life Support (ACLS) is required for all Mayo Clinic residents and fellows. ACLS courses are held during the last week of June, just before the start of the academic year. The ACLS course also is offered evenings every three months during the year to facilitate recertification.
Research Training

Your research opportunities at Mayo Clinic are outstanding. You are encouraged to participate in research projects with the consulting staff. This includes opportunities for clinical studies and laboratory-based projects.

You will be encouraged to participate in research projects with the consulting staff. You could be involved in a clinical/pathological correlative study, clinical reports, a clinical pharmacology study, clinical or laboratory-based research related to dermatologic surgery, or a dermatopathology project. You also will be encouraged to submit abstracts for presentation at national meetings.

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**Bench to bedside**

Mayo Clinic is committed to basic and clinical research that leads to better patient care.

**Mayo Clinic’s hallmark is teamwork —**
- Among basic and clinical investigators
- Among investigators and clinical practitioners
- Across Mayo Clinic sites
- Between Mayo Clinic and other institutions

**Mayo Clinic people in research —**
- 250+ full-time physicians and scientists
- 400+ associates and fellows
- 1300+ administrative and allied health staff

**Research funding sources —**
- Extramural funds = $130 million+
- Mayo Clinic funds/other revenue = $110 million+
General Program Information

Patient and Service Mix

As a regional medical center for the Southwest, Mayo Clinic Scottsdale registers more than 33,000 patients each year. Eighty-five percent of the clinic’s patients are self-referred and come from within a day’s drive. Although Mayo Clinic has a reputation for successfully handling the most obscure and difficult medical problems for people from around the world, common medical concerns are actually the norm. This allows you to see and treat an exceptional variety of illnesses during your clinical training. At least 25 percent of Scottsdale patients are under managed care contracts. Mayo Clinic’s own health maintenance organization (HMO) – Mayo HealthPlan Arizona – allows residents to be designated as the primary care provider for their HMO patients.

Call Frequency

Your call schedule will vary by individual rotation. Mayo Clinic follows the recommendations of the Accreditation Council for Graduate Medical Education. Generally, you will take call from home every sixth weekend and weeknight call every six weeks.

Rotations to Other Mayo Clinic Sites

You may choose to take an assignment at Mayo Clinic Jacksonville or Mayo Clinic Rochester during your Dermatology Residency Program. Mayo Clinic funds the authorized additional costs of your travel, housing, car rental and licensure fees.
Moonlighting

Moonlighting is permitted for licensed residents and fellows beyond the PGY-1 level. Moonlighting activities may be scheduled during those times when you are assigned to consultative or outpatient rotations.

Evaluation

To ensure that you acquire adequate knowledge and develop your technical skills, your performance will be monitored carefully during the course of your residency. You will be evaluated formally by your supervising faculty member after each clinical rotation. In addition, you will regularly evaluate the faculty to ensure that your educational needs are being met.

Career Development

You will meet periodically with various faculty members, administrators and the program director to discuss your career goals. Mayo Clinic recruits many of its staff physicians from its own training programs. Thus, when you successfully complete the Mayo Clinic Scottsdale Dermatology Residency Program, job opportunities may be available at one of Mayo Clinic’s group practices.
Faculty

In addition to caring for patients in their clinical practices, Mayo Clinic’s faculty members are committed to teaching and facilitating the growth of medical knowledge. Many of our faculty have published and lectured extensively and are recognized leaders in their field. You will have direct access to these individuals throughout your training program.

Advisers

You will be assigned a faculty adviser who can provide comprehensive educational advice and personal support. Your adviser also will serve as a contact point, introducing you and your family to Scottsdale and the Mayo Clinic system.

Facilities and Resources

Facilities

Mayo Clinic Scottsdale is a comprehensive outpatient clinical facility located on 149 acres in northern Scottsdale. It includes an ambulatory surgical center, a pain clinic, a full-service laboratory, an on-site pharmacy, a patient library, and a 188-seat auditorium used for physician and patient education programs. Approximately 235 staff physicians represent virtually all clinical specialties.
The 75,000-square-foot Johnson Medical Research Center houses researchers focusing on molecular genetics, molecular immunology, molecular and cell biology, and molecular chemistry. Dedicated in 1993, this state-of-the-art facility allows scientists and students to explore some of the newest branches of medical science.

Located approximately 20 minutes from the Mayo Clinic Scottsdale building, the Mayo Clinic Hospital in northeast Phoenix is the first hospital planned, designed and built by Mayo Clinic. The hospital utilizes electronic medical records and a filmless x-ray system. This 440,000 square foot hospital has five floors with 178 beds, including 112 medical/surgical beds, 20 critical care beds, six beds in a short-stay unit, 24 skilled-nursing beds and 16 rehabilitation beds. A completely up-to-date medical library, resident’s lounge and beautiful call-rooms are included. The hospital provides all inpatient services necessary to support the 61 different medical and surgical specialty programs at Mayo Clinic Scottsdale, including full emergency room and urgent care services.

The Department of Dermatology facilities at the main Mayo Clinic Scottsdale building include a large clinic area with a surgical suite, including laser rooms, a residents’ room and library, an extensive photographic collection and a dermatopathology room with a multiheaded teaching microscope.
Libraries

The Mayo Clinic Scottsdale Library has a growing collection of medical texts and specialty journals. You will have 24-hour, seven-day-a-week access to study space, photocopiers, personal computers, audiovisual services and on-line database information services via the Mayo Foundation Intranet. Library staff, available during normal business hours, can provide training, arrange interlibrary loans or provide computer access to the Mayo Medical illustration database. Many clinical conferences are preserved on videotape. You may view these tapes at the library or check them out for use at home.

The Mayo Hospital Library is an extension of the library services provided at the Clinic. This library is available 24 hours-per-day, seven days a week and provides a reference collection, photocopier and personal computers to access the same databases and electronic books and journals. Requests for library services can also be transmitted electronically to the Clinic Library.

The Edmond Research Library houses hundreds of bound volumes and more than 60 basic science journals. It is connected to computer database services that link Mayo Clinic to a global network of scientific information.

In addition, the resources of the Mayo Clinic library system in Rochester are easily accessible. It has one of the largest medical collections in the world, with more than 4,300 journal subscriptions, nearly 353,000 bound volumes, and several medical databases.
Telecommunications System

Mayo’s clinics in Scottsdale, Jacksonville and Rochester are linked via a sophisticated telecommunications system, which provides video teleconferencing and data transmission. Staff can have live, interactive consultations with physicians and their patients at the other sites via TV monitors. In addition, X-rays, laboratory test results, CT scans, ECG tests, angiograms and pathology slides can be transmitted between sites.

An advanced telecommunications system also is the foundation for Mayo Clinic’s unique five-digit telephone dialing and pager system. Physicians can be easily accessed for consultations or updates, strengthening the teamwork among consultants, fellows, residents and allied healthcare staff at all three practice sites.

Compensation and Benefits

Vacation and Trip Policy

You may take up to 15 working days (three weeks) each year for vacation.

You are encouraged to present your research at regional and national meetings. If you are selected to make a presentation, Mayo Clinic will pay the authorized expenses for you to attend that meeting (within the United States).
Stipends and Other Benefits

Mayo Clinic has highly competitive stipends and a benefits package that includes:

• A comprehensive medical care plan
• Short-term disability insurance
• Voluntary basic life insurance, disability insurance, and family life insurance
• Voluntary additional life insurance
• Voluntary accidental death and dismemberment insurance
• A dental assistance plan
• Excess personal liability insurance
• Professional liability coverage

Additional information about stipends and benefits will be provided during personal interviews.

The Scottsdale Community

Scottsdale is located in the beautiful Sonoran Desert and is one of several smaller cities in metropolitan Phoenix, Arizona — the Valley of the Sun. Its population of 200,000 enjoys a vibrant mix of cultural and recreational opportunities.

Scottsdale has a nationally recognized park system; championship golf courses; tennis courts; and miles of biking, hiking and equestrian trails. Several lakes just east of the city are popular places for weekend fishing and boating.

As one of the world’s foremost art communities, Scottsdale is home to more than 120 art galleries. The Scottsdale Center for the Arts hosts exhibits, music and dance performances, live adult and children’s theater, and outdoor concerts and festivals year-round.
Sports fans will find both PAC 10 and professional football, as well as professional basketball, baseball and hockey, and minor league baseball in the Phoenix area. Regional attractions include rafting in the Grand Canyon and snow skiing two hours away, near Flagstaff. Various vacation opportunities are nearby in Mexico, California, and the ski resorts of northern Arizona and the western Rocky Mountains.

Scottsdale has over 2,500 retail shops, ranging from specialty boutiques to major department stores. There are 25 public and private schools and a community college within the city limits. Housing costs are within the national average for cities of comparable size.

**Appointments and Applications**

There are two positions available in the Dermatology Residency Program each year.

The positions are filled through the National Resident Matching Program (NRMP). Many applicants simultaneously apply for a preliminary position (Transitional Year) at Mayo Clinic Scottsdale or elsewhere.

Applications must be submitted via the Electronic Residency Application Service (ERAS) through your medical school dean’s office. Additional information regarding ERAS is available at:

http://www.aamc.org/progemph/eras/start.htm
Foreign medical graduates should contact the ECFMG for information and instructions on how to apply using ERAS.

To apply to the Dermatology Residency Program, you need to submit:

- A completed ERAS application form
- Official graduate school and medical school transcripts
- An official record of board scores (NBME, FLEX, USMLE, LMCC, VQE or FMGEMS)
- A dean’s letter and two other letters of recommendation
- A curriculum vitae
- A personal statement
- A valid ECFMG certificate (if you graduated from medical school outside of the United States or Canada)

You need to complete the application process by November 30. The academic year begins the end of June.

If you are considered for an appointment, you will be asked to visit Mayo Clinic Scottsdale for an interview with the program director and selected faculty. Interviews are conducted annually from November through January.
Inquiries

If you would like an application form or more information, please contact:

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For more information about the Mayo Graduate School of Medicine, please visit our Web site at http://www.mayo.edu/mgs/gsm.htm
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