



NORTHWESTERN
UNIVERSITY

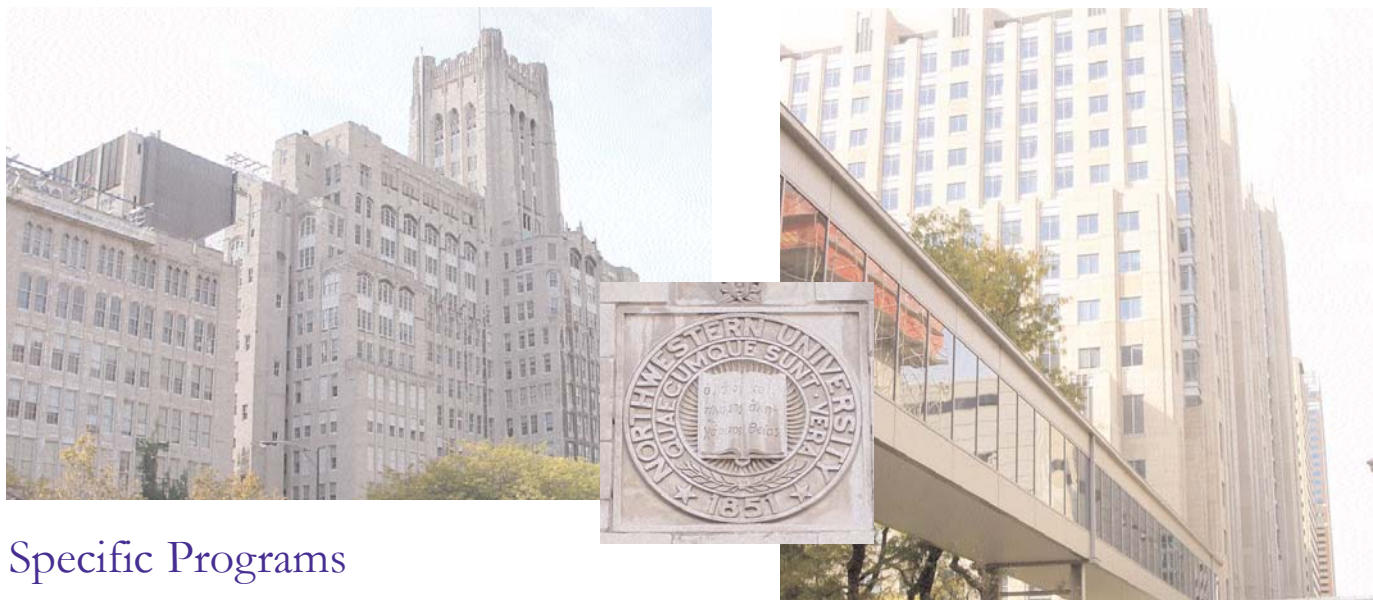
Fellowships in the Medical Subspecialties

Allergy & Immunology
Cardiology
Emergency Medicine
Endocrinology, Metabolism &
Molecular Medicine
Gastroenterology &
Hepatology
General Internal Medicine
Geriatric Medicine
Hematology/Oncology
Immunotherapy for
Autoimmune Diseases
Infectious Diseases
Nephrology & Hypertension
Pulmonary & Critical Care
Medicine
Rheumatology

Fellowships in the Medical Subspecialties

Thank you for your interest in the fellowship programs of the Department of Medicine at Northwestern University and Northwestern Memorial Hospital. Northwestern is committed to medical education and we are pleased to offer a wide range of opportunities for advanced clinical and research training. We hope you will consider our program in your search for further medical education.

The combined resources available to fellows are varied and extensive. The Feinberg School of Medicine at Northwestern University enjoys an outstanding reputation for teaching and research. The member hospitals of the McGaw Medical Center of Northwestern University are recognized for excellence in patient care. Fellows have access to a variety of hospitals--public, private, general, specialty, urban, suburban, tertiary care, and community. Ambulatory care experience is provided by assignment to the Northwestern Medical Faculty Foundation's Ambulatory Care Center, hospital outpatient services, and special diagnostic facilities.



Specific Programs

Allergy & Immunology

The specialty of allergy and immunology involves the investigation, diagnosis, and treatment of patients with allergic, immunologic, and immunodeficiency diseases. Commonly treated conditions in the Division include asthma, rhinitis, anaphylaxis, urticaria, occupational respiratory diseases, and allergic bronchopulmonary aspergillosis. In addition to rotations at Northwestern Memorial Hospital and the Northwestern Medical Faculty Foundation, the fellow rotates to Children's Memorial Hospital for four months of consultative inpatient and ambulatory training. Research comprises twenty-five percent of the fellowship.

Cardiology

The Cardiology Fellowship Program is constantly evolving, with ongoing input from both fellows and faculty members. The Division is committed to providing their fellows with the best clinical and research training. Fellows spend a minimum of three months in cardiac catheterization, cardiac consultative services, acute coronary care, and noninvasive testing. Other areas of training include invasive electrophysiology, preventive cardiology and cardiac rehabilitation, vascular medicine, heart failure, and cardiac transplantation. Each fellow provides continuous care for patients with cardiac problems through an ongoing weekly outpatient clinic. In addition to clinical duties, the fellow participates in either ongoing or self-initiated research protocols. Six to ten months are dedicated primarily to research activities, and each fellow presents at least one research paper at a national scientific meeting and writes one manuscript for publication in a peer-reviewed journal. Each fellow also presents one lecture at Cardiology Grand Rounds during his or her senior year.

Emergency Medicine

The long tradition of emergency medicine at the Feinberg School of Medicine at Northwestern University is currently in a wonderful phase of rapid development. With an explicit commitment to service, innovation, academic leadership and high quality research, it is an exciting time to be at Northwestern. The supportive hospital and medical school look to emergency medicine for clinical and academic excellence. The talented faculty have an enduring commitment to education with enthusiasm for the growth and development of the students and residents. The Division of Emergency Medicine offers a Research Fellowship.

Endocrinology, Metabolism, & Molecular Medicine

The two- or three-year fellowship in clinical endocrinology prepares individuals for a career in academic endocrinology. The program meets and exceeds the requirements for board eligibility in endocrinology and metabolism. This track requires eligibility for medical licensure. Successful applicants have been trained in U.S. medical schools, with rare exception. Eligibility for the NIH training grant that supports fellows during the research years requires U.S. citizenship or permanent residency status. The fellowship may be divided into clinical and research components, although these experiences overlap.

Gastroenterology & Hepatology

The Gastroenterology & Hepatology Fellowship provides a broad range of experiences in both clinical and investigative gastroenterology. Matriculating fellows are expected to be well prepared for future careers in the academic or practice setting. Three fellows are accepted each year in the three year general GI program. The division offers a rigorous and stimulating environment for postgraduate medical education in all facets of the subspecialty of gastroenterology and hepatology. We welcome your consideration of Northwestern for your postgraduate clinical or research training in gastroenterology and hepatology.

General Internal Medicine

The Division of General Internal Medicine offers a fellowship program designed to assist physicians in general internal medicine by developing skills that will enable them to be successful in an academic setting. The Division offers two different options for fellowship training. One option is the traditional general internal medicine fellowship track, which is a two-year program with didactic and experiential components in teaching, clinical epidemiology, statistics, medical decision making, communication skills, and a health services research component involving an original research project. A second option, the faculty development track, is intended to provide an intermediate ground between the traditional full-time fellow and full-time clinical faculty. This two-year track combines the didactic portion of the fellowship with an enhanced clinical component, complimented by involvement in ongoing research projects, and an intermediate salary. The Division maintains a separate application for their fellowship. Please contact the Division directly for current information and an application.

Geriatric Medicine

This program prepares future academicians and meets the requirements of the American Board of Internal Medicine for certification in geriatric medicine. The goal of this one- to two-year fellowship is to provide fellows with the knowledge, skills, and experience necessary to achieve excellence in both clinical geriatrics research and the teaching of geriatrics. The fellowship program offers clinical experiences covering the full spectrum of problems confronted in the elderly. The faculty of the Division of Geriatric Medicine comprises experienced geriatricians with research backgrounds in clinical medicine, nutrition, epidemiology, pharmacology, and molecular biology. Fellows are expected to participate in collaborative research projects with faculty mentors.

Hematology/Oncology

Northwestern's Hematology/Oncology Fellowship Program is designed for candidates who have long-term career goals in academic medicine. The three-year fellowship leads to board eligibility in medical hematology and oncology. The four or five fellows selected annually each receive three-year stipends. Fellows who are interested in additional research training and have obtained faculty sponsorship may apply to federal or private agencies for research funding during subsequent years. During the first year of training, hematology/oncology fellows receive broad practical experience in medical oncology and hematology through rotations at Northwestern Memorial Hospital (NMH) and VA Chicago Health Care System--Lakeside Division (VA Lakeside). Second-year rotations on other services, including Evanston Hospital, allow fellows to expand their clinical and basic research interests.

Immunotherapy for Autoimmune Diseases

The Division offers a fellowship in Immunotherapy. Please contact the Division directly for details.

Infectious Diseases

The Infectious Diseases Fellowship Program is designed to prepare trainees for successful careers in academic medicine and clinical practice. Fellows receive training in the evaluation and management of patients with a wide range of infectious diseases in both inpatient and outpatient settings with opportunity for in-depth experience in transplant-related infections and HIV/AIDS. The program also provides training in laboratory, clinical, or epidemiological research under the guidance of a faculty mentor. Completion of the two-year program fulfills the requirements for certification by the American Board of Internal Medicine in Infectious Diseases. Additional training is encouraged for fellows interested in careers in basic science or clinical research.

Nephrology & Hypertension

The Nephrology Fellowship Program emphasizes clinical training in the diagnosis and treatment of renal diseases and hypertension, and a basic understanding of renal physiology and pathophysiology. Our program is structured to attract individuals seeking a career in academic nephrology (research track, three years including two years of either clinical or laboratory research) or clinical nephrology (clinical track, two years).

Pulmonary & Critical Care Medicine

The fellowship in Pulmonary & Critical Care Medicine provides both a broad-based clinical experience and rigorous research training. Completion of the three-year fellowship fulfills the requirements for certification by the American Board of Internal Medicine in both Pulmonary Disease and Critical Care Medicine. Additional training is encouraged for those seeking a career in basic science or clinical research. The program is designed to prepare physicians for careers in academic medicine. For detailed information about fellowship training, please visit the Division website at http://www.medicine.northwestern.edu/divisions/pulmonary_critical_care/fellowship.html. The Division maintains a separate application for their fellowship, available in PDF format at the preceding URL. Contact information is listed on the last page of this application.

Rheumatology

The two-year fellowship in rheumatology prepares individuals for careers in academic or clinical rheumatology. The program meets the requirements for board eligibility in rheumatology. The fellowship may be divided into clinical and research components. The following describes the goals and objectives for the Rheumatology Fellowship Program. In order to achieve the goals and objectives for the fellowship program the following experiences have been established for the purpose of teaching Rheumatology fellows. These include: a) the inpatient rheumatology experience, b) the ambulatory rheumatology experience, c) ambulatory rotations with other clinical subspecialties, d) didactic conferences, e) a research experience, f) continuing medical education and society participation, g) development of teaching skills, and h) development of procedural skills.

Fellowships in the Medical Subspecialties

Application Instructions

Preparation of application

On page 1 of the application, please check the program to which you are applying.

To complete your application, please ensure that the following items are sent:

- The completed application form
 - Curriculum vitae and personal statement
 - Official medical school transcript*
 - Official Dean's letter**
 - Letters of recommendation from three faculty members familiar with your current experience***
 - Photocopies of original examination results with dates
 - Photocopy of ECFMG certificate, if applicable
 - Photocopies of visa/citizenship papers, if applicable
 - List of publications
 - Additional materials as requested by division to which you are applying
- Each supporting document must indicate your full name, social security number, and the program you are applying to.*

Interview scheduling

Interviews are conducted by appointment only and are arranged through the specific program office. Applicants will be contacted by the specific program office to arrange an interview.

Graduates of Foreign Medical Schools

Qualifying examinations required for graduates of medical schools outside the United States and Canada are USMLE, FMGEMS, TOEFL, and FLEX. Applicants must pass the Clinical Skills Assessment (CSA), which includes a test of spoken English, in addition to passing the basic medical and clinical science examinations and the written English test. A scaled score of 80 percent or higher is required on each section of the USMLE and FMGEMS. Applicants must submit documentation with an English translation so the credentials can be evaluated before interviews are scheduled.

Photocopies of all examination results, letter/score results, and visa/citizenship papers must bear official seals and include dates and certificate numbers. If the applicant has a current visa, the status must include entry and expiration dates.

For more information

Please call the Fellowship Coordinator for the Division you are interested. Contact information is listed on the back page of the application.

Return of application

Please return the application and supporting documents to the Division you are applying to. Mailing addresses are listed on the back page of this application.

* Transcript required for Cardiology, Hematology/Oncology, and Nephrology & Hypertension ONLY

** Dean's Letter required for Cardiology and Hematology/Oncology ONLY

*** The following programs require that one of these letters be from your Residency Program Director: Allergy/Immunology, Cardiology, Gastroenterology & Hepatology, Hematology/Oncology, Nephrology & Hypertension (preferred), and Pulmonary & Critical Care

NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE

Fellowships in the Medical Subspecialties

Application for Fellowship

Please type or print legibly and complete entire form

SUBSPECIALTY (please check one)	
<input type="radio"/> Allergy & Immunology	<input type="radio"/> Geriatric Medicine
<input type="radio"/> Cardiology	<input type="radio"/> Hematology & Oncology
<input type="radio"/> Emergency Medicine	<input type="radio"/> Immunotherapy for Autoimmune Diseases
<input type="radio"/> Endocrinology, Metabolism & Molecular Medicine	<input type="radio"/> Infectious Disease
<input type="radio"/> Gastroenterology & Hepatology	<input type="radio"/> Nephrology & Hypertension
	<input type="radio"/> Rheumatology

Fellowship year to begin _____

Number of years requested _____

PERSONAL DATA

Name: _____
last first middle

Social security number _____

Mailing address: _____
number and street

Mailing address current until: _____
month/day/year

_____ city state zip code country (if not USA)

Home phone: _____ Daytime phone: _____

Phone numbers current until: _____
month/day/year

Permanent address: _____
(if different) number and street

Permanent phone: _____

_____ city state zip code country (if not USA)

E-mail address: _____

NRMP candidate number: _____

Date of birth: _____

Place of birth: _____

Citizenship status: _____

Foreign applicants, specify visa type: _____

Spouse's Name (Optional): _____

EDUCATION Please list full name and location of all schools attended

Institution	Dates attended	Degree conferred
Undergraduate	_____	_____
Medical school	_____	_____
Other (Doctoral or Master's Level)	_____	_____

Fellowships in the Medical Subspecialties

Application for Fellowship, Page 2

GRADUATE MEDICAL EDUCATION

Include current and previous graduate medical education

Postgraduate experience (resident or fellow)

Dates attended
(from mo/yr to mo/yr)

Name of program supervisor

PGY I

Type

Name and address of institution

PGY II

Type

Name and address of institution

PGY III

Type

Name and address of institution

PGY IV

Type

Name and address of institution

All previous years of approved and credited postgraduate medical education must be documented by each institution

HONORS *List any honors you have been awarded. Please attach a separate sheet if necessary*

OTHER MEDICAL EXPERIENCE

Please list private practice, hospital staff appointments, research, and military

Type

Location

Dates

Type

Location

Dates

Type

Location

Dates

CAREER OBJECTIVES

Please write an autobiographical statement on a separate sheet of paper that describes how you became interested in the specialty you have chosen. Include in your statement:

A list of scientific papers (published or in preparation)

Memberships in honorary, scientific, and professional societies

Military status and any military experience that can be used for credit toward specialty board certification requirements

Information about any time gaps between date of conferral of medical degree and the present

Health information or other particulars that you may wish to discuss with the fellowship program director

Please sign and date this statement.

Fellowships in the Medical Subspecialties

Application for Fellowship, Page 3

LETTERS OF RECOMMENDATION REQUESTED *Please list the full name of your recommendors and their institution*

- _____
Faculty member
- _____
Faculty member
- _____
Faculty member (or Residency Program Director for Allergy/Immunology, Cardiology, Gastroenterology & Hepatology, Hematology/Oncology, Nephrology & Hypertension (preferred), and Pulmonary & Critical Care applicants)
- _____
Medical School Dean (Required for Cardiology and Hematology/Oncology applicants only)

EXAMINATIONS TAKEN *Photocopies or original documents with scores and dates must accompany this application*

US/CANADIAN MEDICAL SCHOOL GRADUATES

USMLE dates taken and scores

Step 1: _____ Step 2: _____ Step 3: _____

NBME board number: _____

Dates taken and scores:

Part I: _____ Part II: _____ Part III: _____

FLEX

Number	Location	Date	Score
--------	----------	------	-------

Licensure (temporary permit; full/complete)

State	Number	Date granted	Type	Exp. date
-------	--------	--------------	------	-----------

State	Number	Date granted	Type	Exp. date
-------	--------	--------------	------	-----------

BOARD CERTIFICATION

American Board of _____

Date certified	Expiration date
----------------	-----------------

FOREIGN MEDICAL SCHOOL GRADUATES

USMLE dates taken and scores (minimum: 80)

Step 1: _____ Step 2: _____ Step 3: _____

FMGEMS number: _____

Dates taken and scores (minimum: 80)

Basic Science: _____ Clinical Science: _____ English: _____

ECFMG certificate number, score, and date:

TOEFL	CSA
-------	-----

Date	Score	Date	Pass/Fail
------	-------	------	-----------

FLEX

Number	Location	Date	Score
--------	----------	------	-------

Current visa status

Visa type	Number	Entry date	Exp. date
-----------	--------	------------	-----------

Have you ever been convicted of a felony? _____ Have you ever been denied a license, permit, or privilege of taking an examination by any licensing authority? _____ Have you ever had a license or permit encumbered in any way (ie, revoked, suspended, surrendered, restricted, limited, placed on probation)? _____ Have you ever been named in a malpractice suit? _____

If you answered yes to any of these questions, please describe further on a separate sheet of paper.

The information I have provided in this application is current, complete, and accurate to the best of my knowledge.

Signature

Date

Fellowships in the Medical Subspecialties

Please return the completed application to the appropriate Division:

Division of Allergy & Immunology

Northwestern University Feinberg School of Medicine
676 N. St. Clair Street, Suite 14018
Chicago, Illinois 60611
(312) 695-4000
Fellowship Coordinator: Paul A. Greenberger, MD

Division of Cardiology

Northwestern University Feinberg School of Medicine
201 E. Chicago Avenue, Galter 10-240
Chicago, Illinois 60611
(312) 695-0070
Fellowship Coordinator: Nancy Parlapiano

Division of Emergency Medicine

Northwestern University Feinberg School of Medicine
676 N. St. Clair Street, Suite 2125
Chicago, Illinois 60611
(312) 926-9519
Fellowship Coordinator: James Adams, MD

Division of Endocrinology, Metabolism & Molecular Medicine

Northwestern University Feinberg School of Medicine
303 E. Chicago Avenue, Tarry 15-755
Chicago, Illinois 60611
(312) 503-4370
Fellowship Coordinator: Catherine Hoover

Division of Gastroenterology & Hepatology

Northwestern University Feinberg School of Medicine
676 N. St. Clair Street, Suite 1400
Chicago, Illinois 60611
(312) 695-0182
Fellowship Coordinator: Sandy Kuipers

Division of General Internal Medicine

Northwestern University Feinberg School of Medicine
675 N. St. Clair Street, Suite 200
Chicago, Illinois 60611
(312) 695-3528
Fellowship Coordinator: Trish Niemeck

Division of Geriatric Medicine

Northwestern University Feinberg School of Medicine
676 N. St. Clair Street, Suite 200
Chicago, Illinois 60611
(312) 695-3634
Fellowship Coordinator: Adnan Arseven, MD

Division of Hematology/Oncology

Northwestern University Feinberg School of Medicine
676 N. St. Clair Street, Suite 850
Chicago, Illinois 60611
(312) 695-6180
Fellowship Coordinator: Kerry Coleman

Division of Immunotherapy for Autoimmune Diseases

Northwestern University Feinberg School of Medicine
320 E. Superior Street, Searle 3-489
Chicago, Illinois 60611
(312) 908-0059
Fellowship Coordinator: Kate Quigley

Division of Infectious Diseases

Northwestern University Feinberg School of Medicine
676 North St. Clair Street, Suite 200
Chicago, Illinois 60611
(312) 695-5085
Fellowship Coordinator: Alison Palumbo

Division of Nephrology & Hypertension

Northwestern University Feinberg School of Medicine
303 E. Chicago Avenue, Searle 10-475
Chicago, Illinois 60611
(312) 926-4880
Fellowship Coordinator: Dulcie Gannett

Division of Pulmonary & Critical Care

Northwestern University Feinberg School of Medicine
McGaw Pavilion
240 E. Huron Street, Suite 2300
Chicago, Illinois 60611
(312) 908-5380
Fellowship Coordinator: Trey Reffett

Division of Rheumatology

Northwestern University Feinberg School of Medicine
McGaw Pavilion
240 E. Huron Street, Suite 2300
Chicago, Illinois 60611
(312) 503-8199
Fellowship Coordinator: Veronica Rangel