

CAREER GUIDES FOR CHOICES OF SENIOR ELECTIVES

It is very important to diversify the 4th year. The 4th year is the last opportunity to learn about conditions, illnesses, and patients which you will not see as a resident. Do not spend your 4th year doing things which you will repeat as a resident. Being able to excel in other areas of medicine shows versatility and commitment. Resident training programs look for residents who will perform well in very different settings.

To facilitate the decision-making process regarding career choice

If a student is not yet certain s/he wishes to go into a particular specialty, the student is recommended to take a subinternship or other elective in the area(s) of interest early in the senior year.

To increase the student's chance of being accepted into a particular internship and residency program

Good training programs are competitive. If a student has absolutely decided on a particular program, then we suggest taking an elective at that program (e.g., a subspecialty elective or subinternship).

The following departments have submitted a guide for senior elective choices that would be beneficial for a student interested in their field of medicine:

1. Anesthesiology
2. Dermatology
3. Emergency Medicine
4. Family and Community Medicine
5. Medicine
6. Neurology
7. Neurosurgery
8. Obstetrics/Gynecology
9. Ophthalmology
10. Orthopaedic Surgery
11. Otolaryngology and Communication Science
12. Pathology
13. Pediatrics
14. Physical Medicine and Rehabilitation
15. Population Health
16. Psychiatry and Behavioral Medicine
17. Radiation Oncology
18. Radiology
19. Surgery

ANESTHESIOLOGY

Recommended rotations for students interested in a career in Anesthesiology:

- I. One to two electives in field
- II. Three or more electives
 - a. Cardiology

- b. Pulmonary Medicine
- c. Critical Care Medicine (Intensive Care)
- d. General Medicine
- e. Emergency Room - Admitting Center
- f. Surgery
- g. Endocrine
- h. Nephrology - Renal Medicine

DERMATOLOGY

Recommended rotations for students interested in a career in Dermatology:

- I. One or two electives in field
- II. Three or more electives:
 - a. Dermatology
 - b. Rheumatology
 - c. Allergy/Immunology
 - d. Infectious Diseases
 - e. Pathology
 - f. Plastic Surgery

EMERGENCY MEDICINE

Recommended rotations for students interested in a career in Emergency Medicine:

- I. Core – 2 EM rotations. 1 EM required rotation and 2nd EM elective rotation

Other electives to consider:

- a. Critical care medicine
- b. Cardiology
- c. Orthopaedics
- d. Trauma surgery
- e. Anesthesiology
- f. Plastic Surgery/Hand Surgery
- g. Radiology
- h. Neurosurgery
- i. EM ultrasound

FAMILY AND COMMUNITY MEDICINE

Recommended rotations for students interested in a career in Family Practice/Community Medicine:

Family Medicine – Sub-Internship

- a. Radiology

- b. Emergency Medicine
- c. Women's Health (OB or Office-based gynecology)
- d. Dermatology
- e. Cardiology
- f. Physical Medicine and Rehabilitation
- g. Adolescent Medicine
- h. Infectious Diseases

MEDICINE

Recommended rotations for students interested in a career in Medicine:

- I. Medicine Sub-internship
- II. Two or more traditional medical subspecialties
 - a. Cardiology
 - b. Infectious diseases
 - c. Geriatrics
 - d. Nephrology
- III. Two to three electives
 - a. Dermatology
 - b. Emergency Medicine
 - c. Adult Neurology
 - d. Diagnostic Radiology
 - e. Intensive Care Unit
 - f. Psychiatry
 - g. Orthopedics (esp. office-based orthopedics or sports medicine)
 - h. Gynecology (esp. office-based gynecology)
 - i. Surgical subspecialty rotations (ENT, ophthalmology, urology, etc.)
 - j. Physical medicine and rehabilitation
 - k. International health

NEUROLOGY

Recommended rotations for students interested in a career in Neurology:

- I. One or two electives:
 - a. Neuro ICU
 - b. Neuro-radiology
 - c. Neurosurgery
 - d. Epilepsy
- II. Medical Subspecialties:
 - a. Cardiology

- b. Renal Medicine
 - c. Rheumatology
 - d. Pulmonary Medicine
 - e. Intensive Care
 - f. Infectious Diseases
- III. Pediatric Sub-specialties (appropriate for the student interested in child neurology) a.
- Cardiology
 - b. Child Development
 - c. Neonatal medicine

NEUROSURGERY

Recommended rotations for students interested in a career in Neurosurgery:

- I. One or two electives in Neurosurgery
 - a. Neurosurgery
 - b. Neuro-radiology
- II. Three or more electives
 - a. Internal Medicine
 - b. Pulmonary Medicine
 - c. Cardiology
 - d. Endocrinology
 - e. Urology
 - f. Otolaryngology
 - g. Critical Care
 - h. Trauma
 - i. Radiology

OBSTETRICS/GYNECOLOGY

Recommended rotations for students interested in a career in Obstetrics/Gynecology:

- I. One or two electives within the field
- II. Electives (in order of preference)
 - a. Ambulatory Internal Medicine or Family Medicine
 - b. Internal Med. Acting Internship
 - c. ICU (Medicine or Surgery)
 - d. Emergency Medicine
 - e. Consideration
 - f. Adolescent Medicine
 - g. Advanced Human Anatomy
 - h. Anesthesiology (especially Obstetric Anesthesiology)
 - i. Breast Disease
 - j. Cardiology

- k. Dermatology
- l. Genetics
- m. Infectious Diseases
- n. Medical Endocrinology
- o. Neonatology
- p. Nephrology
- q. Radiology (especially Ultrasonography)
- r. Surgical Pathology

OPHTHALMOLOGY

Recommended rotations for students interested in a career in Ophthalmology:

- I. One or two electives within specialty
- II. Three or more electives:
 - a. Infectious Diseases
 - b. Radiology
 - c. Allergy/Immunology
 - d. Otorhinolaryngology
 - e. Endocrinology
 - f. Rheumatology
 - g. Neurology
 - h. Neuroradiology

ORTHOPAEDIC SURGERY

Recommended rotations for students interested in a career in Orthopaedic Surgery:

- I. 2 months - Orthopaedic Surgery II.
1 month - Intensive Care Unit
- III. 1 month - General Surgery
- IV. 1 month - Anesthesiology, Neurosurgery, or Radiology
- V. 1 month - General Medicine

OTOLARYNGOLOGY AND COMMUNICATION SCIENCES

Recommended rotations for students interested in a career in Otolaryngology:

- I. Electives
 - a. Adult and Pediatric Sleep Medicine
 - b. Anesthesiology
 - c. Emergency Medicine
 - d. Critical Care Medicine
 - e. Neurology
 - f. Pulmonary Medicine
 - g. Pediatrics

- h. Vascular Surgery
- i. Plastic Surgery
- j. Neurosurgery

PATHOLOGY

Recommended rotations for students interested in a career in Pathology:

- I. Electives
 - a. Medical Hematology/Oncology
 - b. Additional training in General Medicine
 - c. General Surgery (beyond basic requirements)
 - d. Endocrinology
 - e. Nephrology
 - f. Dermatology
 - g. Emergency Medicine
 - h. Radiation Oncology
 - i. Gastroenterology

Additional time spent in the Departments of Anatomy, Physiology or Pharmacology would be quite worthwhile.

PEDIATRICS

Recommended rotations for students interested in a career in Pediatrics:

- I. One Pediatrics sub-internship and electives in Pediatrics
- II. Electives
 - a. Allergy
 - b. Anesthesiology
 - c. Radiology
 - d. Dermatology
 - e. Orthopaedics
 - f. ENT
 - g. Child Neurology

PHYSICAL MEDICINE AND REHABILITATION

Recommended rotations for students interested in a career in Physical Medicine and Rehabilitation:

- I. One or two electives in the field
- II. Electives
 - a. Cardiology
 - b. Geriatrics
 - c. Medicine Subinternship
 - d. Neurology

- e. Neurosurgery
- f. Orthopaedics
- g. Plastic Surgery
- h. Psychiatry
- i. Rheumatology
- j. Urology
- k. Vascular Surgery

PSYCHIATRY AND BEHAVIORAL MEDICINE

Recommended rotations for students interested in a career in Psychiatry and Behavioral Medicine:

- I. One or two electives in the field (inpatient and outpatient)
 - a. Addiction Psychiatry
 - b. Child/Adolescent Psychiatry

RADIATION ONCOLOGY

Recommended rotations for students interested in a career in Radiation Oncology

- a. General Medical (including Medical Oncology)
- b. Surgery
 - Surgical Oncology
 - Otolaryngology
 - Neurosurgery
 - Thoracic Surgery
- c. Radiology (including Nuclear Medicine)
- d. Gynecology
- e. Pathology

RADIOLOGY

Recommended rotations for students interested in a career in Surgery:

- I. One Surgery subinternship and electives in the field (at an academic institution)
- II. Electives
 - a. 2 mos. of Medicine in addition to required ward medicine)
 - b. Cardiology
 - c. Endocrinology
 - d. Gastroenterology
 - e. Hematology/Oncology
 - f. Infectious Diseases
 - g. Nephrology

- h. Pulmonary Medicine
- III. Other suggested electives
 - a. Anesthesiology
 - b. Radiology
 - c. Critical Care
 - d. Emergency Medicine
 - e. Surgical Pathology