- Our Department
- Primary Care IM
- Hospital Medicine
- 12 Major Divisions
- Access to our Divisions



Matching System Blocks in Pillar 1 to Specialists in Pillar 2-3

### General Internal Medicine - Primary Care

#### Typical work week

- · Primary care physicians usually see patients in outpatient clinics every day. · Some also round in the hospital, but many work exclusively in outpatient
- dinics.
- These physicians handle a broad spectrum of illnesses.
- Patients are seen for both acute and chronic problems.
- · Acute problems might include infections, pain, or problems with medications.
- · Chronic problems might include diabetes, hypertension, heart disease, or kidney disease.
- · Primary care providers also place strong emphasis on patient education and disease prevention.
- · Preventive activities often include weight management, cancer screening and adult vaccination

#### Other responsibilities

- Some primary care physicians see patients in the hospital.
- · Whether inpatient or outpatient, these physicians coordinate input from multiple specialists.
- · Because of their strong role as patient educators, they are often leaders in the community as well.
- Many teach medical students or house staff, and some primary care physicians do clinical research.

#### Lifestyle and income

- The number of providers in solo practice is declining, and the number in group practice is increasing.
- Most general internists practice primary care as part of a large group practice or at an academic center.
- Larger groups ensure cross coverage for vacations and night call. Night call is usually taken from home.
- The shortage of primary care physicians means that there is more attention is being paid to salary.
- · Current salaries are increasing and are therefore now comparable to many medical specialties.
- In 2015, the median salary for internists in private practice was approximately \$240,000/year.

#### Getting started

- The first step is to do a residency in Internal Medicine.
- Internal Medicine residency is a 3 year training period.
- · Most general internists then move directly into practice.
- This field allows physicians to care for their patients over time.
- The longitudinal physician-patient relationships are very rewarding.



#### Eric A. Larson, MD, FACP, maintains a busy clinical practice at

Fellow of the American College of Physicians Associate Professor, Department of Internal Medicine Chief, Division of Ambulatory General Internal Medicine



### Sanford Health



### General Internal Medicine - Hospitalist

#### Typical work week

- Experts in the care of patients who are hospitalized and acutely ill.
- Hospitalists see patients who present with a broad spectrum of acute medical illnesses. Common conditions managed include acute decompensated heart failure, pneumonia, pulmonary embolism, acute kidney injury, atrial fibrillation, and severe complicated infections.
- Full time hospitalists work 14-16 shifts per month. Shift length is 10-12 hours.

#### Other responsibilities

- · Sixty six percent of all hospitalists work in the intensive care unit.
- Lead the code blue and rapid response teams in many hospitals.
- Leaders in patient safety, quality improvement, and transitions of care.
- Many move onto leadership positions within their organizations. These include chief medical officers, directors of quality improvement and division chiefs of internal medicine.
- Position provides opportunities in academic medicine overseeing internal medicine residents and medical students. Also provides opportunities for research in the fields of clinical reasoning, cost effectiveness, transitions of care, quality improvement, and patient safety.

#### Lifestyle and income

- Fastest growing medical specialty in the United States. Currently are 52000 practicing hospitalists in the US.
- · The majority of hospitalists are employed by healthcare systems, multi-state management companies or academic institutions.
- In 2015, the median salary for internal medicine based hospitalists in private practice was \$260,000/year.

#### Getting started

- · The first step is to do a residency in Internal Medicine.
- Internal Medicine residency is a 3 year training period.
- Most hospitalists then move directly into practice
- This field allows physicians to maintain an appropriate work-life balance, while leading the healthcare team in an inpatient setting.

For more information, contact: Department of Internal Medicine, USD Sanford School of Medicine 605-357-1340 | Internalmedicine@uscl.edu



Nathan J. Miller, MD, practices hospital medicine at Avera Health

Assistant Professor, Department of Internal Medicine Chief, Division of Hospital Medicine



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### Internal Medicine Residency (3 years)



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### Internal Medicine - Specialists

#### Cardiovascular Diseases

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#### Pulmonology and Critical Care

Pulmonologists see a variety of cases from asthma and chronic obstructive pulmonary disease (COPD) to interstitial lung diseases, from obstructive sleep apnea to pulmonary vascular disease. Pulmonologists also work together with oncologists, radiologists and surgeons in managing lung cancer. The care of these patients is both challenging and rewarding, and it also requires procedural skills such as performing thoracentesis and bronchoscopy. Pulmonologists can work in both outpatient and inpatient settings, and most pulmonologists are also trained in critical icine Critical care medicine usually involves addition

#### Nephrology

Nephrology is a subspecialty of internal medicine providing care for patients with kidney related diseases. Nephrologists often take care of some of the most chronically sick patients in medicine. They manage a spectrum of disease states including renal insufficiency, dialysis, hypertension and electrolyte abnormalities. Nephrologists work in close collaboration with social workers, pharmacists and nurses. Nephrologists also use a deep understanding of immunology, physiology,

pharmacology and chemistry to care for their patients. Because of the complexity of these patients, we often interact with other subspecialist. If patients do progress to end stage renal disease, a nephrologist manages renal replacement therapy ranging from hemodialysis, peritoneal dialysis and transplantation. Nephrologists also play an important role in the prevention and management of chronic kidney disease in an attempt to avoid progression to end-stage renal disease. This is done through the diagnosis and treatment of underlying kidney disease, management of blood pressure, electrolytes, metabolic bone disease, anemia and nutrition. In 2015, the median salary for a nephrologist in private practice was approximately \$350,000/year.

Hematology and Oncology

### Additional Fellowship Training (2 - 5 years)

#### Infectious Diseases

While many physicians manage uncomplicated infections, infectious disease (ID) specialists are often called to consult on complex cases, including infections with unusual or drugresistant organisms, or infections in immunocompromised patients. Infections may be acute (like pneumonia) or chronic (like HIV/AIDS). ID physicians work in a variety of settings from private practice to academic medicine to public health to industry. Outside of direct patient care, ID physicians may provide expertise in prevention and management of public health



concerns, including emerging infectious diseases and outbreaks. In 2015. the median salary for an ID specialist in private practice was approximately \$250,000/year.

Faculty members in the Division of Infectious Diseases participate in the 2016 Humphreys Forum Front row (L to R): Drs. Srividya Srinivasan, Susan Hoover and Jennifer Huy, Back row (L to R)- Drs. Jawad Nazir, Wendell Hoffman, Fares Masannat, Brian Pepito, and Gerard David,



Endocrinology specialists help patients manage common chronic illnesses like diabetes mellitus, thyroid dysfunction, and problems with steroid hormone levels. Endocrinologists often develop long term rapport with their patients due to the chronicity of these diseases, and while many endocrinologists often do consultation work in inpatient settings, their work is primarily outpatient. They may work in a variety of settings from private practice to academic medicine to public health to industry. Outside of direct patient care, endocrinologists may also provide expertise in prevention and management of public health concerns like diabetes and the obesity epidemic. In 2015, the median salary for an endocrinologist in private practice was approximately \$250,000/year.

> UNIVERSITY OF SOUTH DAKOTA SANFORD SCHOOL OF MEDICINE

care team. This speciality has an extensive range of career opportunities ranging from private practice all the way to research focused careers in academia or industry. The field is constantly evolving with breakthroughs in treatments emerging at a rapid pace. In 2015, the median salary for a Hematologist/Oncologist in private practice was approximately \$430,000/year

CONTRACTOR AND A DESCRIPTION OF with surgeons and radiation oncologists as part of a cancer

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#### Gastroenterology and Hepatology

Rheumatology

Rheumatologists specialize in the

diagnosis and management of patients

with a broad range of auto-immune

conditions. Many have multisystem

organ involvement. The spectrum

ranges from common illnesses such

as rheumatoid arthritis to more rare

erythematosus, systemic vasculitis,

and scleroderma. These specialists

history, physical examination, and

and identify rheumatic conditions

in the early stages. After securing a

diagnosis, rheumatologists develop

plans. Recent advances in targeted immune therapies have made the treatment of these patients exciting and rewarding with often excellent outcomes. In 2015, the median salary

strong relationships with their patients

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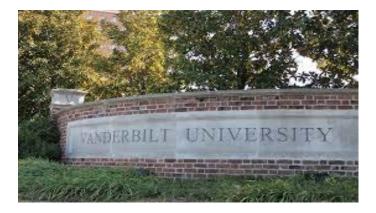
diagnostic testing to "solve the puzzle"

diseases such as systemic lupus

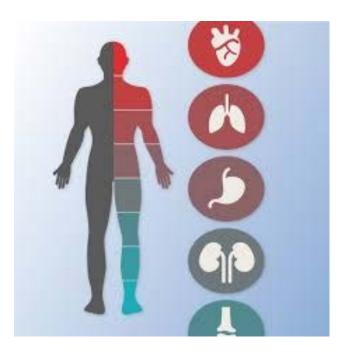
Gastroenterologists care for patients with both acute and chronic illnesses. Because patients with gastrointestinal conditions present with a great variety of symptoms and, because several multi-system diseases present with gastrointestinal complaints, gastroenterology represents one of the key foundations of internal medicine. In addition, advances of endoscopic procedures have clearly changed and improved the early diagnosis and management of various diseases in a highly accurate and cost-effective manner. Quality of life is often very reasonable, and economical reimbursement continues to be guite strong. In 2015, the median salary for a gastroenterologist in private practice was approximately \$530,000/year.

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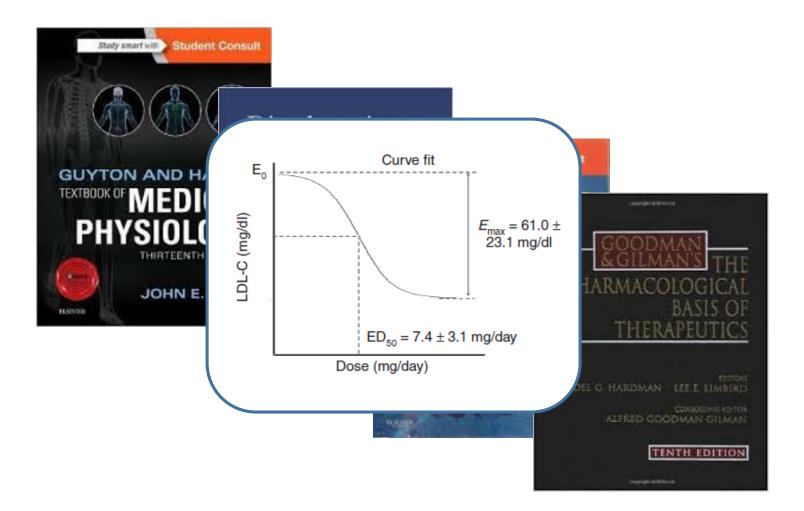


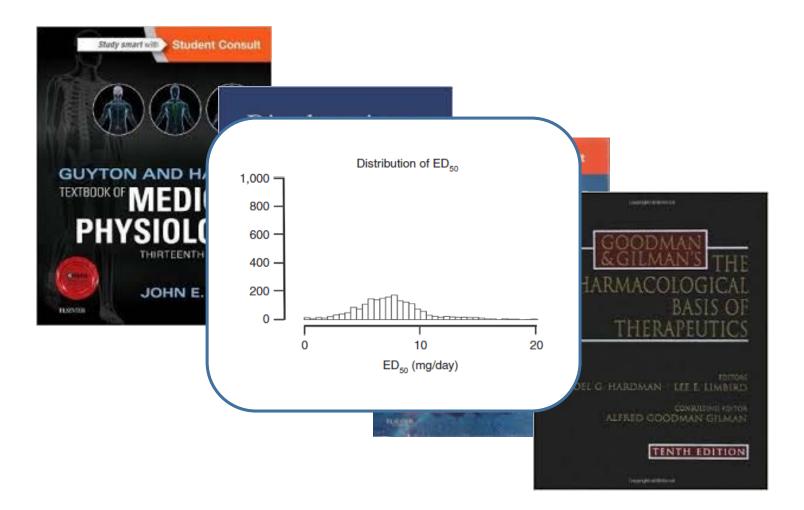






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Sanford Apps

### National Human Genome Research Institute

Advancing human health through genomics research

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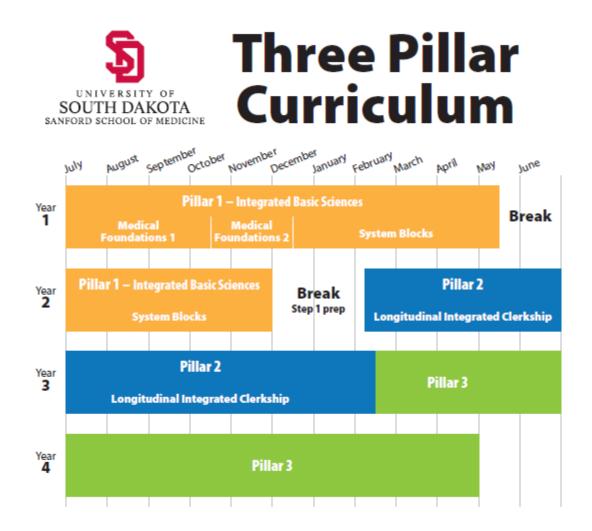
Research at NHGRI Education Issues in Genetics Research Funding Health Newsroom **Careers & Training** About Home > Research Funding > Research Funding Divisions > Division of Genomic Medicine > Research Programs > Implementing Genomics in Practice (IGNITE) Division of Genomic Medicine 0 U INDIANA UNIVERSITY Essentia Health Current Research Programs Aurora MILIN A Nealth Care School of Medicine at C Mound Clinical Genome Resource Repensivel Institute SANFORD # mogenetics Clinical Sequencing Exploratory Perelman Research Coordinating Center 0 Electronic Medical Records and N.H. AMPROPERTY. 8 Travia Air Fores Ba Genomics (eMERGE) Network UNIVERSITY / MARYLANE ICTORA OF ANDIRONS GEISINGER HEALTH 0 Genotype-Tissue Expression Baltimore Veterans Affairs Project (GTEx) Modical Centur (BYAMC) ★ IGNITE Principal Site **Implementing Genomics in Family History Duke University** Reserve Reserve Practice (IGNITE) Mount Sinai Hypertension and Health System CKD University of Florida **Pharmacogenomics** Molecular Libraries and Imaging University of WANDERBERT WOWINERSTTY **Coordinating Center** Pennsylvania V, second courses National Human UF FLORIDA Newborn Sequencing in Genomic Genome Research **Research Institute Duke**Medicine Institute Medicine and Public Health Middle Transmort Bracarth UFHealth Vanderbilt University Pharmacogenomics Institute (MTRI) at Nadvillé (NSIGHT) Voterana Affairs Medical Center hea University of Maryland Diabetes Nashville General Hospital at Meharry IMPACTS FOR RORDA Indiana University Pharmacogenomics PAGE Consortium .

## Major Divisions in Internal Medicine

- Primary Care (GIM)
- Hospital Medicine
- Cardiology
- Dermatology
- Endocrinology
- Gastroenterology
- Geriatric Medicine
- Hematology/Oncology
- Infectious Diseases
- Nephrology
- Pulmonology
- Rheumatology

65 Electives Available in Clinical Years

### Your Journey...



### Your Journey...

Endocrinology specialists help patients manage common chronic illnesses like diabetes mellitus, thyroid dysfunction, and problems with steroid hormone levels. Endocrinologists often develop long

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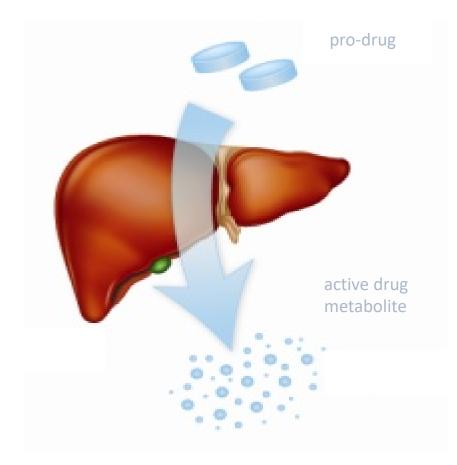
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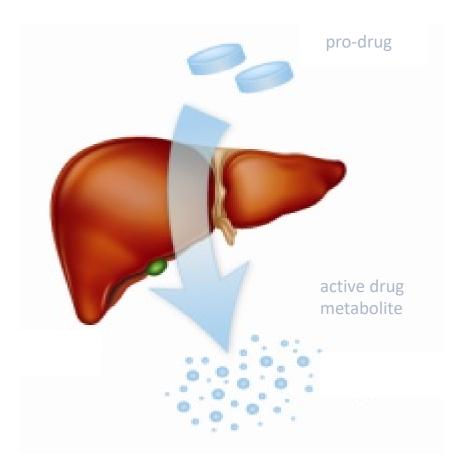
# Division of Cardiology Department of Internal Medicine



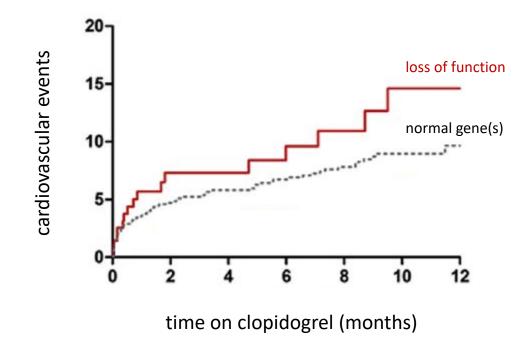
### clopidogrel (Plavix) is activated in the liver



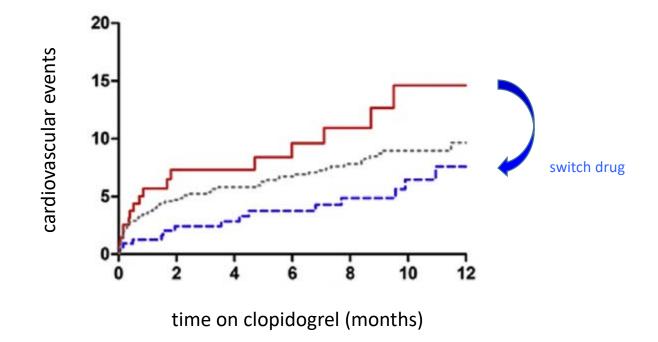
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~1 in 4 patients have an abnormal gene for this enzyme



### Journal of the American College of Cardiology 2017



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### Internal Medicine - Specialists

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#### Hematology and Oncology

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