

# Health Professions Overview

Xinyuan Shen, Office of Academic Advising  
Graduate School Blast  
11/20/2019

# Agenda

- ❖ Overview of health professions
- ❖ Medical school application process
- ❖ Panel discussion





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# Overview of Health Professions

- Do you realize that a wide variety of health careers exist?
  - Do you have an explicit health professional goal and plan (e.g. medicine, dentistry, pharmacy, etc.)?
  - How would you leverage undergraduate and graduate education to do what you really want to do?
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# Health Careers Exploration

- **Is a health career right for you?**
  - What is your motivation to pursue a health career?
  - Are you passionate about keeping up with developments in your field?
  - Are you comfortable in a healthcare setting?
  - Are you a team player?
  - What lifestyle do you envision?

# Health Career Exploration

- **What types of health careers can you pursue?**

- Medicine
- Surgery
- Dentistry
- Midwifery
- Pharmacy
- Psychology
- Nursing
- Public Health
- Allied Health



# Health Careers Exploration

- **How long do you commit to the professional training?**
  - *Less Schooling (< 5 years)*
    - Dental Assistant, Licensed Vocational Nurse, Emergency Medical Technician, Pharmacy Technician
  - *Moderate Schooling (5-6 years)*
    - Athletic Trainer, Art Therapist, Cardiovascular Technologist, Health Administrator
  - *Advanced Schooling (> 6 years)*
    - Biostatistician, Dentist, Audiologist, Surgeon

# Health Careers Exploration

- **Helpful resources to explore health careers:**

- Explorehealthcareers.org  
<http://explorehealthcareers.org/en/home>
- AAMC Careers in Medicine  
<https://www.aamc.org/cim/>
- Aspiring Docs  
<https://students-residents.aamc.org/>
- NYU Prehealth Program  
<http://prehealth.cas.nyu.edu/page/home>
- United State's Department of Labor  
<http://www.bls.gov/ooh/>

## Career Explorer

Everything you want to know about a wide variety of health careers.

Allied Health Professions	▶
Arts and Humanities in Health	▶
Chiropractic Medicine	▶
Complementary and Integrative Medicine	▶
Dentistry	▶
Environmental Health	▶
Forensic Science	▶
Geriatrics	▶
Health Administration/Management	▶
Informatics	▶
Medicine	▶
Mental Health	▶
Nursing	▶
Nutrition/Dietetics	▶
Occupational Therapy	▶
Optometry	▶
Pharmacy	▶
Physical Therapy	▶
Podiatric Medicine	▶
Public Health	▶
Speech-Language-Hearing	▶
Sports Medicine	▶
Veterinary Medicine	▶



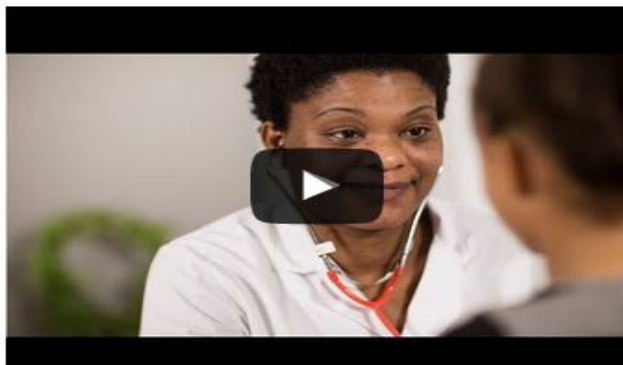
# Physicians and Surgeons

[EN ESPAÑOL](#) | [PRINTER-FRIENDLY](#) [Summary](#)[What They Do](#)[Work Environment](#)[How to Become One](#)[Pay](#)[Job Outlook](#)[State & Area Data](#)[Similar Occupations](#)[More Info](#)

## Summary

### Quick Facts: Physicians and Surgeons

<b>2017 Median Pay</b> ?	This wage is equal to or greater than \$208,000 per year or \$100.00 per hour.
<b>Typical Entry-Level Education</b> ?	Doctoral or professional degree
<b>Work Experience in a Related Occupation</b> ?	None
<b>On-the-job Training</b> ?	Internship/residency
<b>Number of Jobs, 2016</b> ?	713,800
<b>Job Outlook, 2016-26</b> ?	13% (Faster than average)
<b>Employment Change, 2016-26</b> ?	91,400



### What Physicians and Surgeons Do

Physicians and surgeons diagnose and treat injuries or illnesses. Physicians examine patients; take medical histories; prescribe medications; and order, perform, and interpret diagnostic tests. They counsel patients on diet, hygiene, and preventive healthcare. Surgeons operate on patients to treat injuries, such as broken bones; diseases, such as cancerous tumors; and deformities, such as cleft palates.

### Work Environment

About half of physicians and surgeons worked in physicians' offices in 2016. Others worked in hospitals, in academia, or for the government.

### How to Become a Physician or Surgeon

Physicians and surgeons have demanding education and training requirements. Physicians typically need a bachelor's degree, a degree from a medical school, which takes 4 years to complete, and, depending on their specialty, 3 to 7 years in internship and residency programs.

### Pay

Annual mean wages for physicians and surgeons are available on the [Pay](#) tab.



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SOCS-SHU 170  
Introduction to Global Health



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SOCS-SHU 445  
Topics in Society, Health & Medicine

# U.S. Medical School Application

- United States: Doctor of Medicine (MD) and Doctor of Osteopathic Medicine (DO).
  - Both are 4-year programs followed by a residency of 3-8 years.
  - Applicants have to first hold a 4-year Bachelor's degree.
  - Many medical school applicants major in science but that is not necessarily required.
  - Admission committees are looking for candidates with **strong analytical, critical thinking, research and oral and written communication skills.**

# U.S. Medical School Application

- Required Prehealth Courses

- One year of Biology
- One year of Physics
- One year of English and Writing
- Two years of Chemistry (through organic chemistry)
- Calculus
- Biochemistry I.
- Some schools may require additional courses, particularly in mathematics and/or biochemistry.
- Two courses in behavioral/social sciences strongly recommended. For example: Intro to Psychology, Introduction to Sociology (SOC-UA 1).

# U.S. Medical School Application

- The Medical College Admission Test (MCAT)
  - Required by practically all medical schools in the United States and Canada.
- Extracurricular Involvement
  - Clinical experience
  - Research experience
  - Civic engagement
  - Student clubs and organizations
- Committee Letter of Evaluation
  - NYU Shanghai writes the applicant an institutional letter of evaluation.

## What is a Good GPA for Med School?

	APPLICANTS	MATRICULANTS
<b>Science GPA</b>	3.45	3.64
<b>Non-Science GPA</b>	3.70	3.79
<b>Total GPA</b>	3.56	3.71

SOURCE: [Association of American Medical Colleges](#)

## Can I apply for US medical schools as an international student?

- Current data from the [Association of American Medical College](#) suggests that roughly **1%** of the medical students in the United States are international students.
- Consider different professional paths and the training required.
- Consider where you hope to practice.
- Research alternative funding options.

Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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Take MCAT & Get Scores

File Primary Applications

File Secondary Applications

Interviews

Acceptance

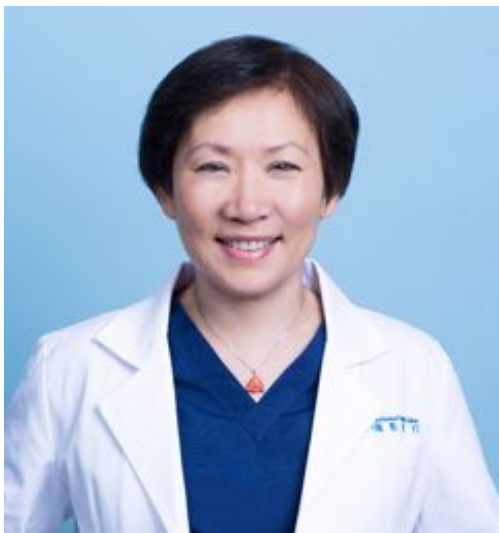
Ideal time to prep    Most students will prep between October and April of their junior year.  
 Ideal time to test    Most students will test between January and May of their junior year.





# Panel Discussion





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1. How did you make your decision of pursuing a health profession?



2. What is it really like being a doctor/social worker?




3. What skills/qualities are needed to be a doctor/social worker?






4. What was your medical school life like?



5. What advice would you give to undergraduate students if they are thinking of pursuing a health-related career in the future?



# Ronak Trivedi NYU Shanghai Class of 2017

Major: Neuroscience  
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Current Jobs:  
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***Give us your feedback!***

