

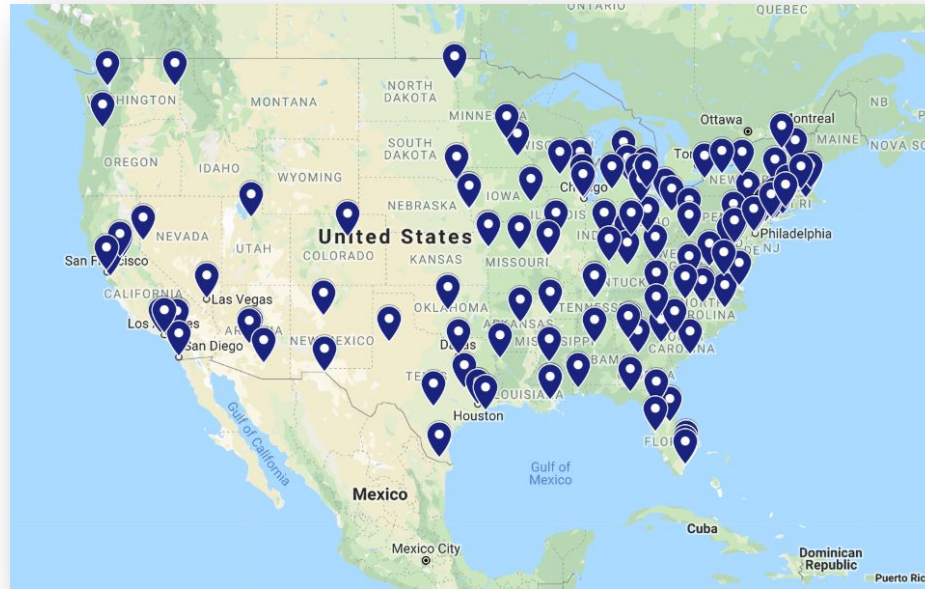


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# Allopathic - MD

154 MD schools in US (17 in Canada)  
Approximately 22,000 new students/year



# Allopathic Medicine

## MD – allopathic medicine

- “a system of medical practice that aims to combat disease by use of remedies (as drugs or surgery) producing effects different from or incompatible with those produced by the disease being treated”<sup>1</sup>
- Primary Western medical model, emerging in mid-1800s
  - “traditional” or “conventional” Western medicine

<sup>1</sup> <http://www.merriam-webster.com/medical/allopathy>

# Allopathic Medicine

- Traditional training consists of two years of basic science courses followed by two years of clinical rotations.
  - However, many medical schools have undergone curricular reform to create a more modern, hybridized models with modified academic calendars - incorporating earlier clinical experiences, dedicated research, elective, and exploratory time
- Many schools focus on “systems-based” approach to medicine vs. “organ-based” (siloed)
- Many schools employ case studies and teach through clinical vignettes.
- Allopathic training will give you the option to practice in any of the medical specialties and is universally recognized as the medical degree (MD), including international practice.



# Allopathic Medicine

**120+ Specialities (for MD and DO)**  
**AAMC.ORG – Careers in Medicine**

Top 5 most popular matches for 2019 senior medical students

- Internal Medicine (3,366)
- Pediatrics (1,715)
- Emergency Medicine (1,617)
- Family Medicine (1,601)
- Medicine-Preliminary (PGY-1 Only) (1,356)

\*These residencies also tend to have the highest number of training positions available



# MD vs. DO

There are now 35 D.O. schools in the U.S.

Educating nearly 31,000 future physicians, at 56 teaching locations in 33 U.S. states



# Osteopathic Medicine

- Developed by Andrew Taylor Still, MD in 1874
- Thought current medical practices were doing more harm than good
- Practiced for over 120 years
- Roots are truly “American”

# Osteopathic Medicine

- Practiced for over 120 years
- Fastest growing form of medicine
- Currently, 1 in 4 medical students is attending a DO school (AACOM)



# Basic Tenets of Osteopathic Medicine

- The Body is a Unit
- Mind, Body, Spirit
- The structure of the body (anatomy) influences the function (physiology) - OMT
- Self Healing Mechanism: The body has an innate ability to heal itself
- Rational Treatment is based upon these principles

# Prevention is Key

## DOs emphasize:

- Diet
- Exercise
- Lifestyle Changes
- Traditional Medical Practices



# OP&P/OMM

The LECOM curriculum is designed to provide instruction in OMM (*Osteopathic Manipulative Medicine*) and OP&P (*Osteopathic Principles & Practice*) throughout each year of the curriculum with credentialed osteopathic physicians.

## OP&P Lecture

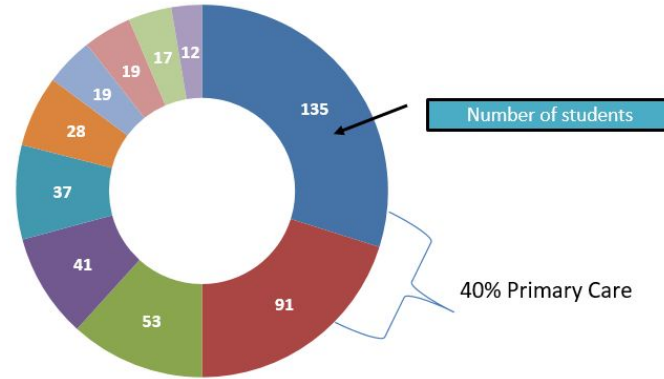


## OMM Lab



# 2019 LECOM MATCH

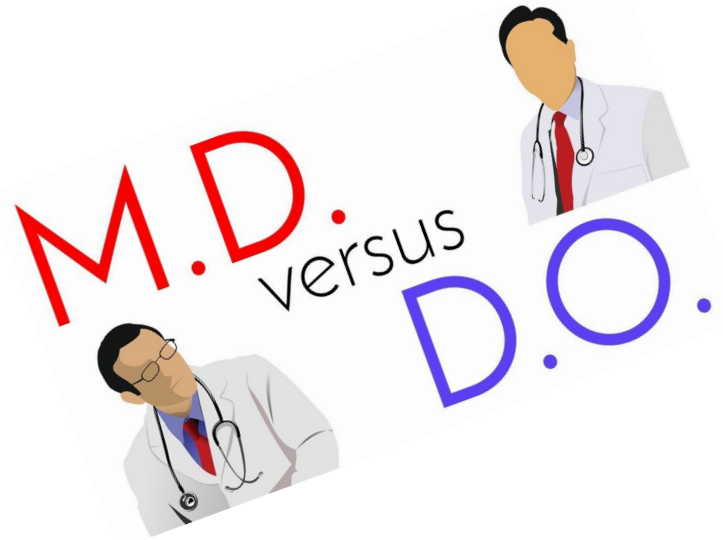
## TOP TEN RESIDENCIES



- Internal Medicine
- Family Medicine
- Emergency Medicine
- Pediatrics
- Psychiatry
- Anesthesiology
- Neurology
- Radiology
- Surgery / General

# MD vs. DO- Practical differences

- Admissions process (but nearly similar)
  - AACOMAS
  - AMCAS
- Medical School Curricula
  - DO: OMM osteopathic manipulative medicine
    - Patient-centered philosophy
    - Early and frequent patient encounters
  - MD: Some programs more research-focused
    - Although both pathways have opportunities
    - Early and frequent patient encounters
- Licensing Examinations – “The Boards”
  - COMLEX
  - USMLE
    - 12/2018, AMA recognized COMLEX as equivalent to USMLE
- Residency programs
  - MD, DO and Dually Accredited
- Clinical practice and career pathways



# MD vs. DO- Practical Similarities

- **Both require an exceptional amount of drive, tenacity, and intelligence.**
- Premed pathway: Coursework, the MCAT, and a bachelor's degree.
- Medical educational requirements: 4 years of medical school and a residency training program.
- Requirements for Licensing
  - Transitioning to a single accreditation and matching program in 2020
- Treat diseases, illnesses, & injuries. Can practice medicine and surgery in all 50 states.
- MDs & DOs can be found practicing in every specialty in medicine.
- Run medical centers & teach future generations of physicians and other health care practitioners.

# Overall Similarity

**A good physician practices holistically whether DO or MD. All medical schools train physicians to consider a broad picture of a patient's life – mental health, social issues, diet, and lifestyle.**



SCHOOL OF MEDICINE

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# Questions?



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