

# inspired

a college where

Vision  
Caring and  
Osteopathic  
Medicine align



Edward Via College of  
Osteopathic Medicine

VIRGINIA • CAROLINAS  
AUBURN • LOUISIANA





OUR MISSION IS TO PREPARE **GLOBALLY-MINDED,**  
**COMMUNITY-FOCUSED** PHYSICIANS TO MEET  
THE NEEDS OF **RURAL AND MEDICALLY**  
**UNDERSERVED** POPULATIONS AND PROMOTE  
RESEARCH TO IMPROVE HUMAN HEALTH.

# Four Campuses One Mission



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Osteopathic Medicine

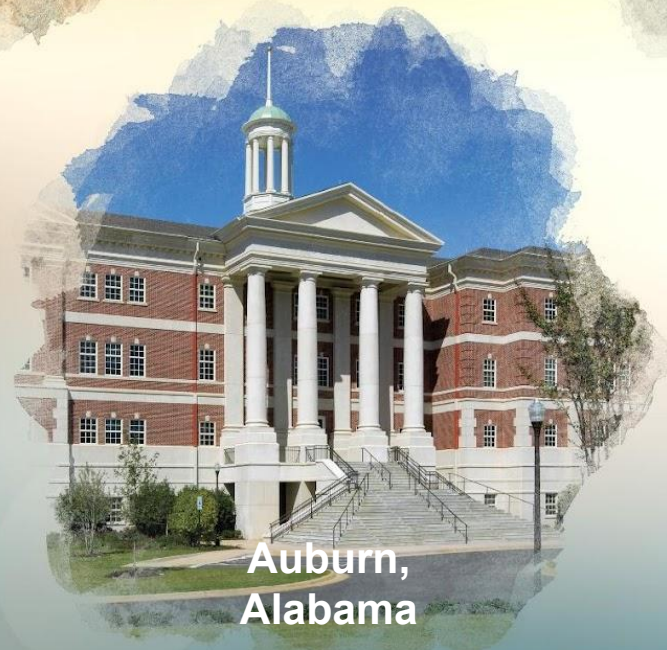
VIRGINIA • CAROLINAS  
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Blacksburg,  
Virginia



Spartanburg,  
South Carolina



Auburn,  
Alabama

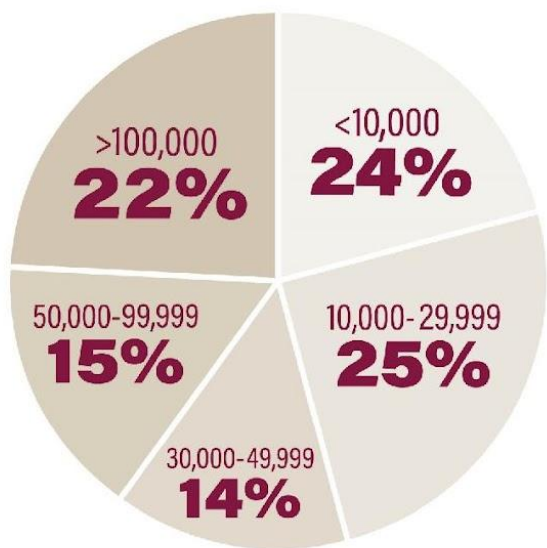


Monroe,  
Louisiana

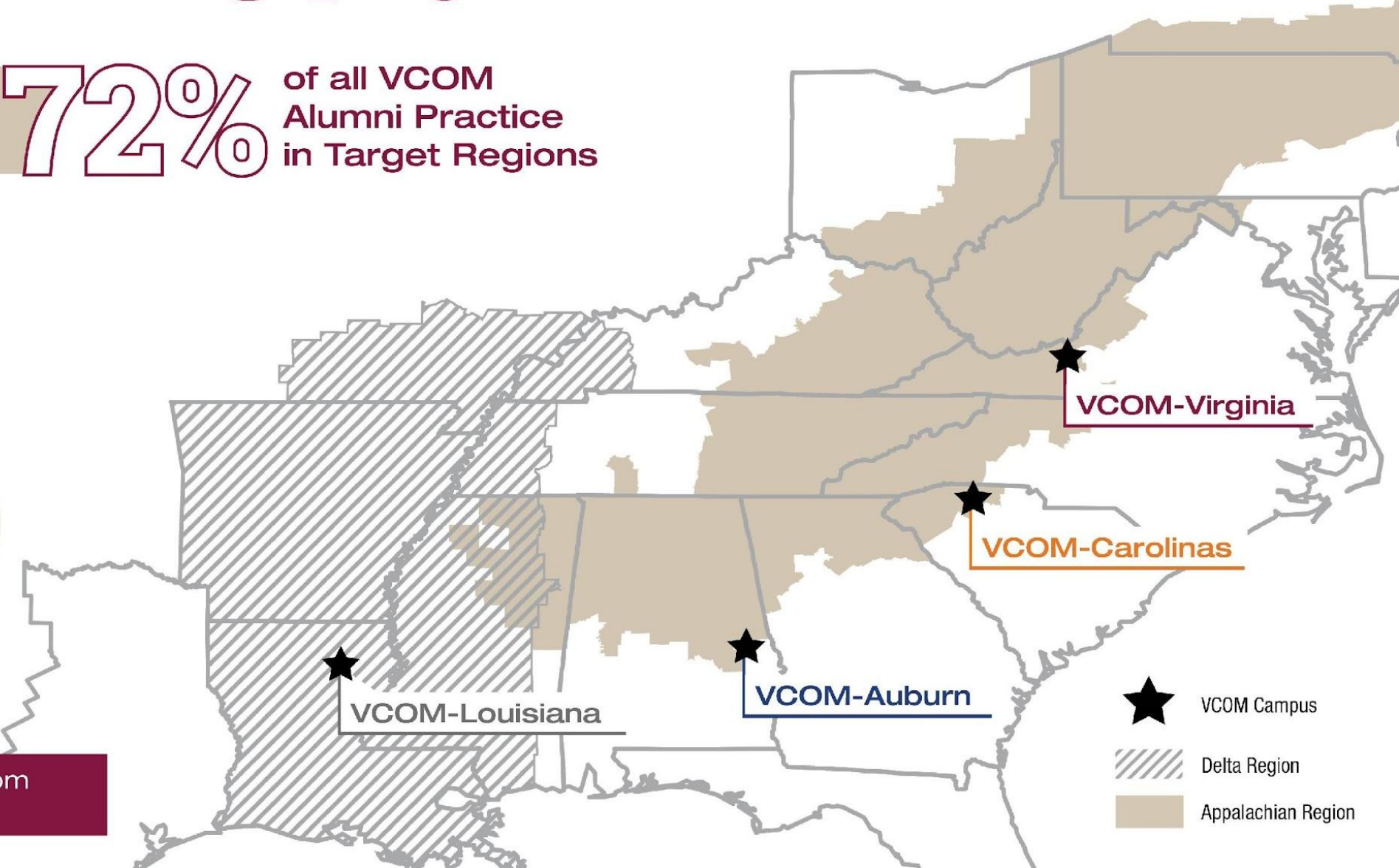
**87%** of all VCOM Students are from the Target Regions

**72%** of all VCOM Alumni Practice in Target Regions

Matriculated Students by Community Size



**47%** of Current Students are from Communities under 30,000



# WHAT IS A D.O.?



# What is a D.O.?

D.O.

M.D.

Must complete 4 years of medical school

▪

▪

Must complete 3-6 years of internship / residency

▪

▪

Can practice any specialty

▪

▪

Must pass comparable boards and state licensure

▪

▪

May become fully licensed and prescribe medication

▪

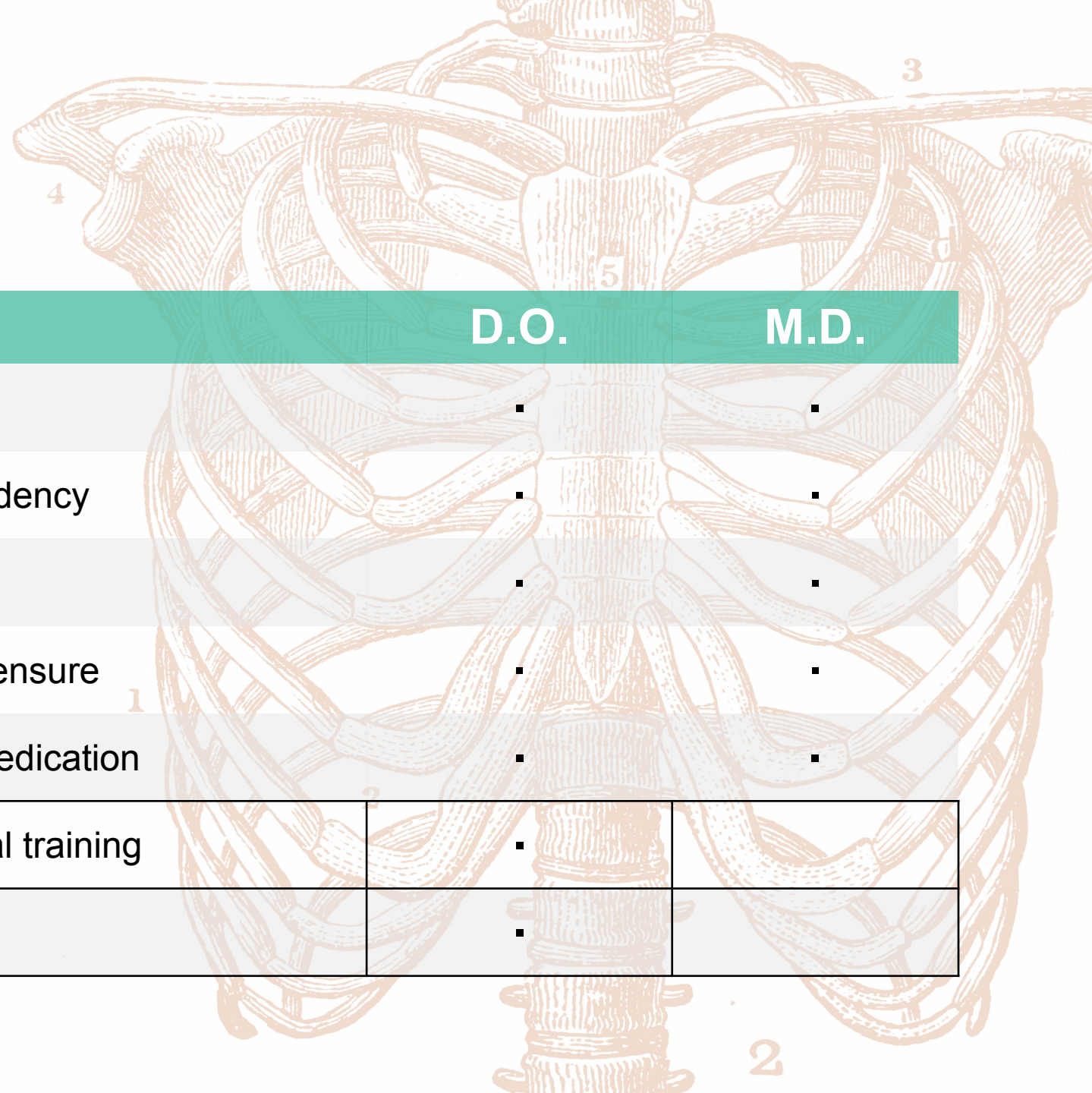
▪

Must complete 200 hours in musculoskeletal training

▪

Emphasis on primary care

▪



# VCOM's Medical Curriculum

## YEAR 1

### BLOCK 1

Foundations of Medicine

### BLOCK 2

Musculoskeletal

### BLOCK 3

Neurological System &  
Special Senses

### BLOCK 4

Cardiovascular &  
Pulmonary

## YEAR 2

### BLOCK 5

Gastrointestinal &  
Renal Systems

### BLOCK 6

Reproductive &  
Endocrine Systems

### BLOCK 7

Integumentary, Hematologic  
& Lymphatic Systems

### BLOCK 8

Comprehensive  
Review

## YEARS 3 & 4

### ROTATIONS

Letter Grades for Years 1 & 2

Pass/Fail for Rotations

Learn Form  
& Function

Anatomy  
Histology  
Physiology

Learn Pathogenesis  
of the Disease

Clinical Medicine  
Pathology  
Radiology

Understand Treatment  
& Prevention

Pharmacology  
Surgery  
OMM & Nutrition

In Class

Lectures  
Small Group Discussions

Hands-On

Laboratories  
Simulations  
Clinical Procedural Skills

Independent  
Study

Independent Learning  
Modules (SDL)  
Study Groups

## Strategy & Format

Years 1 & 2



# Block Schedule Example

WEEK 5		Class of 2027 Block 1 Virginia Campus Foundations of Medicine				2023
Time/Date		Monday, August 14	Tuesday, August 15	Wednesday, August 16	Thursday, August 17	Friday, August 18
8:00 a.m.	Class	Pathology	Cell Bio & Physio	Cell Bio & Physio	Immunology	Pathology
	Subject	Exam 1 Lectures #1-10 through 8.7.2023	23. Glycogen Metabolism	25. Gluconeogenesis and the Maintenance of Blood Glucose Levels	Exam 2 Lectures #11-20 through 8.11.2023	16. Hemodynamic Disorders I V
	Instructor		Dr. J Mahaney	Dr. J Mahaney		Dr. I Dissanayake
Class	Cell Bio & Physio		Cell Bio & Physio	Pathology		
9:00 a.m.	Subject	24. Pentose Phosphate and Interconversion of Sugars	26. Synthesis of Fatty Acids	17. Hemodynamic Disorders II		
	Instructor	Dr. J Mahaney	Dr. J Mahaney	Dr. I Dissanayake		
	Class	Cell Bio & Physio	Anatomy	Immunology	Cell Bio & Physio	
10:00 a.m.	Subject	21. Oxidation of Fatty Acids and Ketone Bodies	3. Appendicular Skeleton of the Upper Extremity	22. Type I Hypersensitivity	27. Synthesis of Triacylglycerols and Major Membrane Lipids	26. Primary Immunodeficiency Disorders and Defects in Adaptive Immunity
	Instructor	Dr. J Mahaney	Dr. T Carpenetti	Dr. T Johnson	Dr. J Mahaney	Dr. S Murray
	Class	Cell Bio & Physio	PPC/OMM	Immunology	Cell Bio & Physio	Immunology
11:00 a.m.	Subject	22. Metabolism of Ethanol	7. Appendicular Skeleton of the Upper Extremity: Functional Anatomy and Motion Characteristics	23. Types II and III Hypersensitivities	28. Cholesterol Absorption, Synthesis, Metabolism and Fate	27. Blood Group Antigens and Transfusion
	Instructor	Dr. J Mahaney	Dr. A Hardee	Dr. T Johnson	Dr. J Mahaney	Dr. T Johnson
	Class	Cell Bio & Physio	PPC/OMM	Immunology	Cell Bio & Physio	Immunology
12:00 p.m.	Subject	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
	Instructor					
	Class	Immunology	PPC/OMM/Anatomy	Pathology	Immunology	Pathology
1:00 p.m.	Subject	21. Principles of Vaccination	MLA LAB 3: Landmarks of the Upper Extremity Group A	14. Wound Healing	24. Type IV Hypersensitivity (cases) VCOM II	18. SDL: Neoplasia I (Anatomy and Biology of Tumors)
	Instructor	Dr. T Johnson		Dr. I Dissanayake	Dr. T Johnson	Dr. I Dissanayake
	Class	Immunology		Pathology	Immunology	Pathology
2:00 p.m.	Subject	MLA LAB 3: Landmarks of the Upper Extremity Group B	MLA LAB 3: Landmarks of the Upper Extremity Group B	15. Intracellular Accumulations	25. MLA Case-Based SGL: Transplantation (cases) VCOM II	19. SDL: Neoplasia II (Invasion and Metastasis)
	Instructor			Dr. I Dissanayake	Drs. T Johnson, J Gilbertie & S Murray	Dr. I Dissanayake
	Class			PPC/OMM/Anatomy		
3:00 p.m.	Subject	MLA LAB 3: Landmarks of the Upper Extremity Group B	MLA LAB 3: Landmarks of the Upper Extremity Group B			
	Instructor					
	Class					
4:00 p.m.	Subject	MLA LAB 3: Landmarks of the Upper Extremity Group B	MLA LAB 3: Landmarks of the Upper Extremity Group B			
	Instructor					
	Class					
5:00 p.m.	Subject	Reminder for self-care/exercise	Reminder for self-care/exercise	Reminder for self-care/exercise	Reminder for self-care/exercise	Reminder for self-care/exercise
	Instructor					
	Class					

## Classes

**Mandatory Learning Activity (MLA)  
Student Directed Learning (SDL)**

## Exams

**Class Name Immunology  
Exam Number Exam 2  
Lectures on Exam Lectures #11-20  
Date of Last Lecture on Exam 8.11.2023**

## Labs

**OMM Lab • Anatomy Lab  
Group A & Group B Alternate Times  
1:00 - 3:00 PM / 3:00 - 5:00 PM**

## Breaks

**Lunch • Self-Care/Exercise**





# Outreach

## Trips Resuming in July 2023:

### 4 Week-Long Trips a Year

- Virginia/Carolinas Joint Trips
- Auburn/Louisiana Joint Trips

### Up to **36 Students** per Trip

### **6 Preceptors** per Trip

### Seeing **~100 Patients** Each Day



Honduras

Dominican Republic

## INTERNATIONAL

# Outreach



Volunteer opportunities at local & regional clinics

Provide area communities with:

- Health Screenings
- Health Literacy Programs
- Healthcare

# APPALACHIAN *Outreach*



Blacksburg Mosque Health Fair

Blacksburg Farmers Market

Giles County Health Fair

Franklin Heights Health Fair

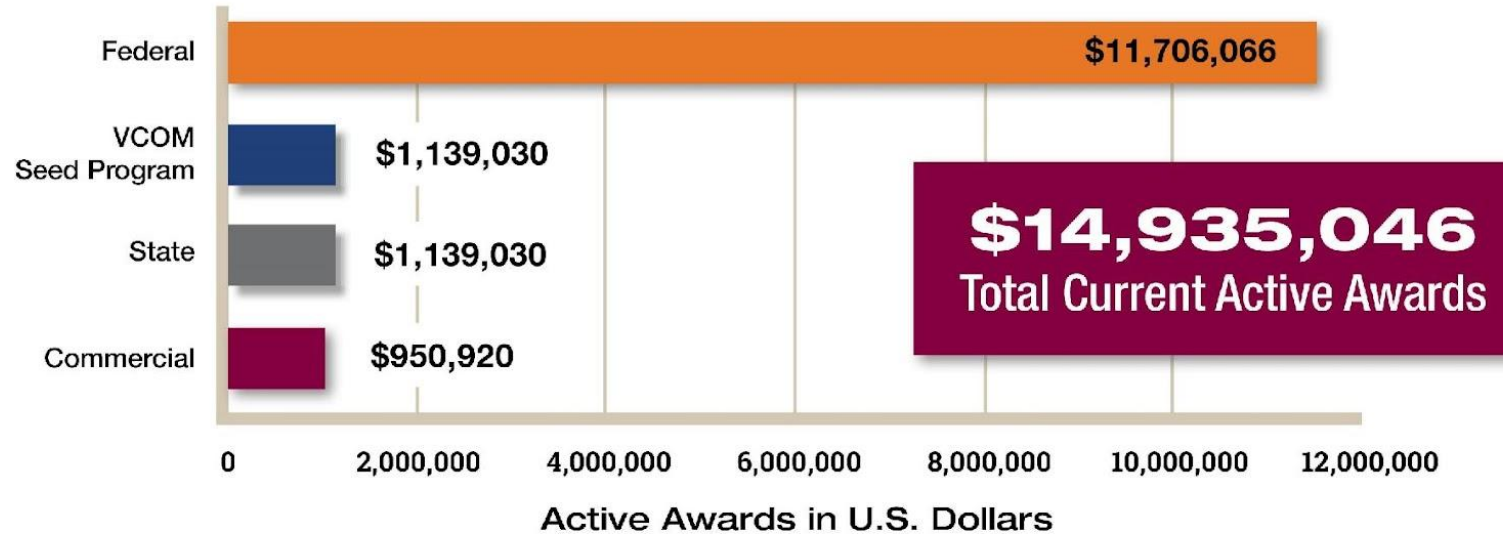
# Research

## Categories of Study

- Aging & Neurological Research
- Birth Defects
- Cancer
- Cardiopulmonary
- Birth Defects
- Diabetes
- Educational Research
- Environmental Toxicology
- Ethics Research, Publications & Scientific Meeting Research Integrity
- Free Radicals & Antioxidants
- Genetics & Precision Medicine
- Health & Wellness
- International Research
- Immunotoxicology
- Kinesiology
- Lupus
- Nanomedicine
- Neuro-Musculoskeletal Health& OMM Research
- Nutraceuticals & Natural Products
- Military
- Opioid Pain Management Alternatives
- Pharmacology
- Rehabilitative Care
- And More!



2023 Research Recognition Day



# Sports Medicine

Fellowship Program

Sports Medicine Organization

VT Athletic Events

High School Sports Physicals

OMM Screenings at Farmer's Market

National Conference Attendance



Sports Medicine Ziplining Retreat



OMM Screenings at Farmer's Market



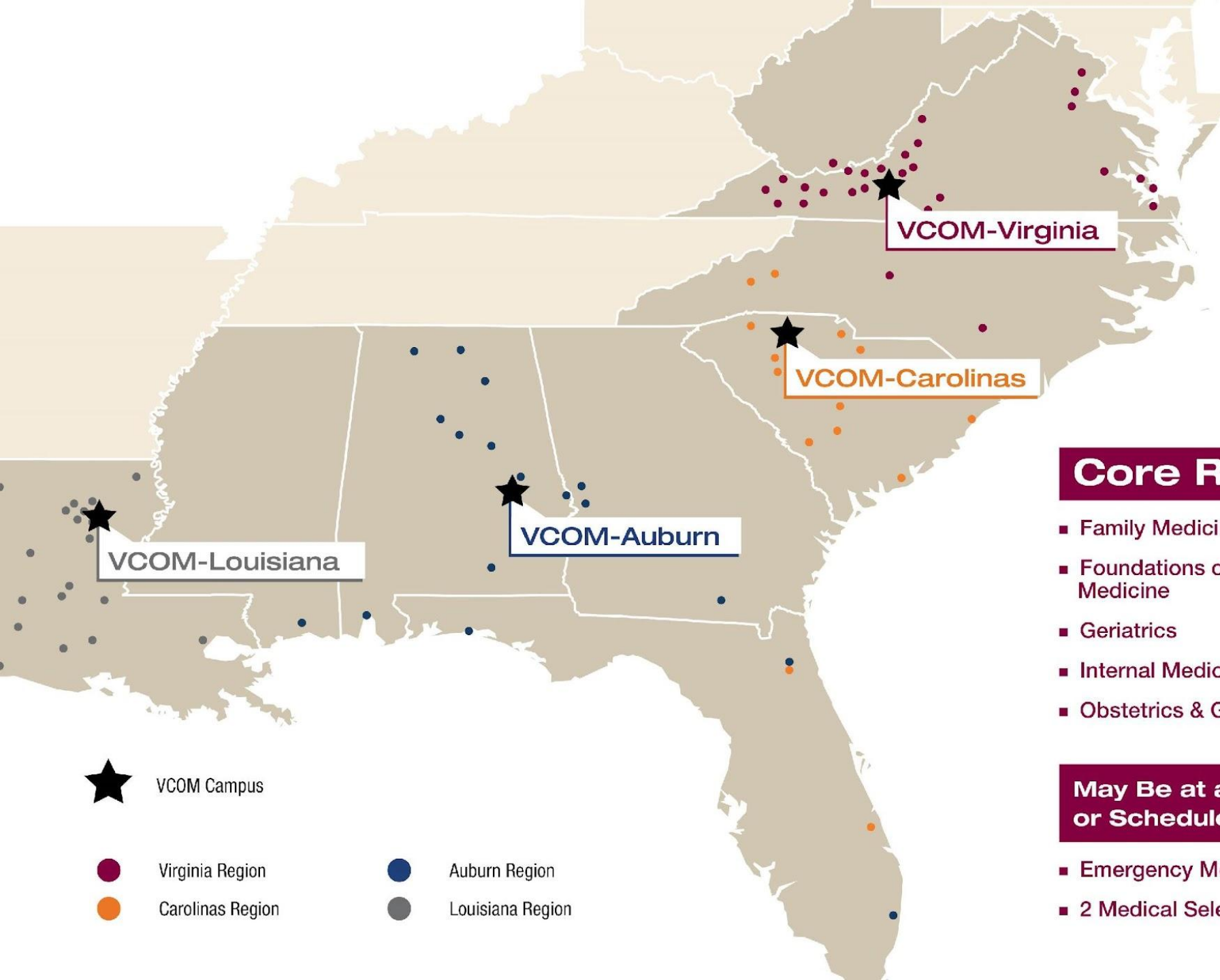
Virginia Tech Sideline Coverage



Injections Workshop led by Fellows



# Core Rotation Sites



★ VCOM Campus

● Virginia Region  
● Carolinas Region

● Auburn Region  
● Louisiana Region

## Core Rotations

- Family Medicine I & II
- Foundations of Diagnostic Medicine
- Geriatrics
- Internal Medicine I & II
- Obstetrics & Gynecology
- Pediatrics
- Psychiatry & Neuro-Behavioral Sciences
- Surgery
- Clinical Medicine
- Assessment

## May Be at a VCOM Regional Site or Scheduled Outside of VCOM

- Emergency Medicine
- 2 Medical Selectives
- 1 Surgical Selective
- Osteopathic Manipulative Medicine (OMM)



# Student Life



# Preparing Future Physicians





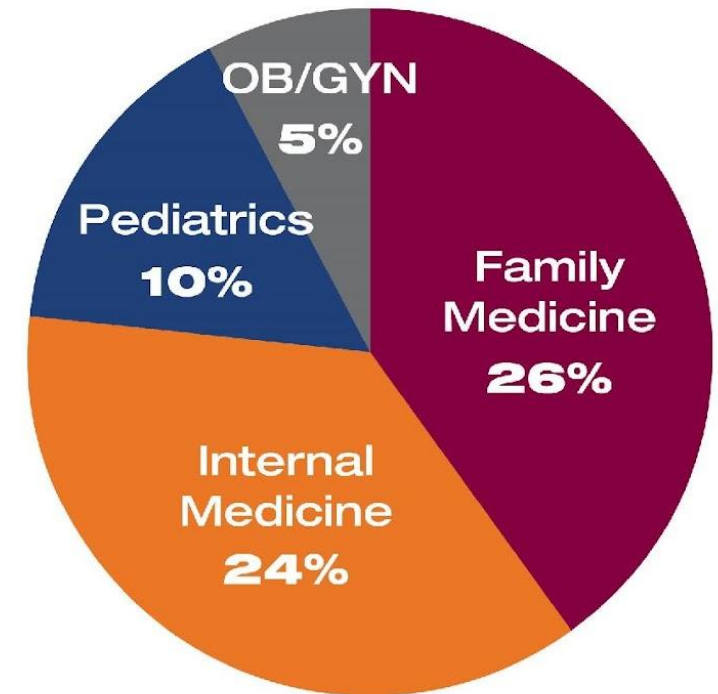
VCOM was ranked in the Best Medical School list for  
**“Which Schools Turn Out the Most  
 Primary Care Residencies?”**  
 in the 2021 U.S. News & World Report

# Residency

**64%** of VCOM Alumni Chose  
 Residency in Appalachian  
 or Delta Regions  
2019-2022

**99.3%** of VCOM Students  
 Matched to a Residency  
Classes of 2019-2022

**100%** of Virginia’s Class  
 of 2023 Matched  
 to a Residency



## Top Residency Programs Chosen by VCOM Grads

- Family Medicine
- Emergency Medicine
- Internal Medicine
- General Surgery
- Pediatrics
- OB/GYN

**69%** of Alumni Chose  
 Primary Care Residencies

4-Year Average  
 Classes of 2017-2020



# STATE-OF-THE-ART *Facilities*



Classrooms



Anatomy Lab



Simulation Center



OMM Lab

# Requirements

## Required Coursework

Obtain an undergraduate degree and complete all required coursework before matriculation.  
A recent MCAT score in a competitive range is required no earlier than four years prior to matriculation.

### Biological Sciences

One year or  
6 credit hours

### Physics

One year or  
6 credit hours

### Inorganic Chemistry

One year or  
6 credit hours

### Organic Chemistry

One year or  
6 credit hours

### English

One year or  
6 credit hours

200 or above of an  
additional Biomedical  
Science\*

3 semesters or  
9 credit hours



\*For the additional 200 biomedical science, faculty recommend courses in Anatomy, Physiology, Biochemistry, Immunology, Microbiology, Virology or Genetics

# Requirements

## Academic Factors



## Non-Academic Factors

Experience in the healthcare field encouraged

Extra-curricular activities

Community service, volunteerism and outreach

A letter of recommendation is not required, but accepted

Consider VCOM Virtual Events



# Premedical Masters Program

VCOM partners with Bluefield University to offer a **Master of Arts in Biomedical Sciences**

- Near VCOM-Virginia campus in Blacksburg, VA or Online
- Provides an option for a guaranteed interview at VCOM
- Typical GPA for Admission: 3.0 - 3.4



Please visit  
<https://www.vcom.edu/admissions/mabs-program>  
for additional information

# Sign up for VCOM events!

Receive emails about upcoming  
virtual & in-person events –  
including panels of alumni, faculty, staff, students  
& practicing physicians

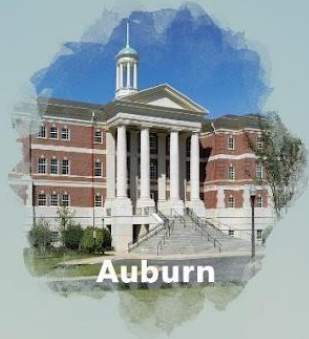


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# Spring Open House Schedule



## Auburn Campus

Fri., March 22, 2024

9a -12p CST

Questions? Email:

Admissions-auburn@vcom.edu



## Carolinas Campus

Fri., March 22, 2024

12 - 4p EST

Questions? Email:

Admissions-carolinas@vcom.edu



## Virginia Campus

Sat., March 23, 2024

1 - 4p EST

Questions? Email:

Admissions-virginia@vcom.edu



## Louisiana Campus

Fri., April 12, 2024

1 - 3p CST

Questions? Email:

Admissions-louisiana@vcom.edu

**Register Online at:**

**[www.vcom.edu/admissions/register-open-house](http://www.vcom.edu/admissions/register-open-house)**

VCOM-Virginia

# Open House

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**Saturday, March 23, 2024**

1 - 4 p.m. EST

Check-in begins at 12:30 p.m.



# Contact Information

## VCOM-Virginia Campus



**Camille Sellers**

Admissions Coordinator

[csellers@vcom.edu](mailto:csellers@vcom.edu)



**Harry Trinh**

VCOM Class of 2027

UMBC Class of 2022

[htrinh@vcom.edu](mailto:htrinh@vcom.edu)



**Lisa Leichner**

Director for Admissions

[lleichner@vcom.edu](mailto:lleichner@vcom.edu)