Welcome! Your white coat is waiting.

Your acceptance as a student at the Michigan State University College of Osteopathic Medicine is a major accomplishment. It's the first step that you'll take along a challenging, demanding and ultimately rewarding path that can lead to a deeply satisfying life of service, healing and lifelong learning.

When you arrive, your orientation will be a three days of activity and discovery, capped by the formal ceremony during which you'll receive your first white coat of your medical career. If you haven't yet discovered it, you will find out that MSUCOM is a very special place.

- We're the only osteopathic college that's part of a Big 10 university
- MSUCOM is consistently ranked near the top of all medical schools – M.D. and D.O. – in the U.S. News and World Report’s annual ratings of primary care education institutions.
- Our faculty brings in the highest level of National Institutes of Health funding of any osteopathic college.
- More than two-thirds of our graduates stay and practice in Michigan.

Whether you are spending your first two years in East Lansing, Macomb or Detroit, you’ll have the chance to strengthen your skills in a third- or fourth-year clerkship at one of more than 40 partner hospitals around the state. You can also take part in international rotations and experiences in countries from Malawi to Mexico and beyond.

You are joining a supportive community that is committed to helping you find success. You'll find people at every turn who are ready to help you learn and grow in a rigorous yet friendly atmosphere. The help doesn’t end when you graduate—you’ll also find a great network that will help you find a residency where you can hone in on your career aspirations.

Take some time to explore everything that MSUCOM can offer you. We think that you’ll find it will give you with a medical education that provides a solid foundation upon which you can build a rich and personally rewarding career.

Dean William Strampel

Osteopathic medicine is for you

What does it mean to be an osteopathic physician? Doctors of osteopathic medicine (D.O.’s) are fully licensed physicians, just like their M.D. counterparts. They complete four years of medical school and a residency program that is linked to their specialization. D.O.’s can be found practicing just about every medical specialty—from pediatrics to geriatrics and neurology to sports medicine. Your family doctor might be a D.O.

A key part of every D.O.’s education is learning manipulative medicine techniques. These techniques are used as part of treatment for a number of issues. D.O.’s learn the osteopathic philosophy of looking at the whole person—body, mind and spirit—and the person’s whole life and lifestyle, rather than just looking at his or her symptoms. They consider patients as partners in healthcare—not just clients who need to be treated for something.

If you have a passion for medicine, a desire to use a holistic approach in caring for people and an interest in working with dynamic faculty members and peers, the MSU College of Osteopathic Medicine would be a great place for you.

Choose the place that’s right for you

- The MSUCOM Detroit Medical Center site is located in the heart of a thriving metropolitan location and is surrounded by world-class health facilities. http://com.msu.edu/Students/Resources/DMC.htm
- Students who study in East Lansing have access to resources and facilities across the sprawling university campus. http://com.msu.edu/
- The MSUCOM site at Macomb University Center study in a vibrant learning atmosphere. http://com.msu.edu/Students/Resources/Macomb.htm
Student Life

Support Systems
At MSUCOM, you are not alone when it comes to conquering your coursework. The college's Office of Academic Development provides the tools that you need to discover how you learn best and then how to use them to find success. Look to us for help related to:

- Counseling Services
- Academic Support
- Professional Development

The assistance doesn't stop when you step outside the classroom door – you'll also find resources you can use to plan for your life after medical school. Our career development programs will help you:

- Develop a personal statement and CV
- Build your interviewing skills
- Explore medical specialties
- Learn about clerkships
- Apply to residency programs

Learn more here: http://com.msu.edu/Students/Academic_Development/index.htm

Social Life

Join one of our student groups to meet others who share your interests or to explore new arenas. There's also an active student government system at all three sites that gives individuals the chance to take on leadership roles within their classes.

Choose from these organizations:

- MSUCOM Student Government Association
- American College of Osteopathic Family Physicians
- American Holistic Medical Association
- Anesthesiology Interest Group
- American Medical Student Association
- American Physician Scientists Association
- Christian Medical Association
- Community Integrated Medicine
- Emergency Medicine Club
- Internal Medicine
- International Osteopathic Medicine Organization
- Islamic Medical Student Association
- Lesbian, Gay, Bisexual, Transgender & Allies in Medicine
- Medical Students for Choice
- Obstetrics and Gynecology Interest Group
- Orthopedic Surgery and Physical Medicine and Rehabilitation
- Pediatric Interest Group
- Peer Mentors
- Sigma Sigma Phi
- Student American Academy of Osteopathy
- Student Association of Osteopathic Military Physicians and Surgeons
- Student National Medical Association
- Student Neurology, Ophthalmology and Psychiatry Society
- Student Osteopathic Association of Sports Medicine
- Student Osteopathic Medical Association
- Osteopathic Peer to Peer
- Michigan Osteopathic Association

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Student Osteopathic Association of Sports Medicine
Student Osteopathic Medical Association
Osteopathic Peer to Peer
Michigan Osteopathic Association
Patient Experiences

Osteopathic medicine is very patient-centered, and MSUCOM students have many chances to practice what they are learning in real-world situations. As a student here, you’ll have the chance to do things like:

- Give flu shots
- Provide basic health screenings at community events
- Help in a mobile outreach clinic
- Teach children about health and well-being during school programs
- Work in a biomedical research lab

Research

Students with interests in many aspects of research will find support across MSUCOM. Whether it’s working with a world-class Parkinson’s disease investigator, earning a mini-grant to conduct a small study or presenting a poster at a national meeting, you’ll have the chance to pursue your interest. Individuals who want to pursue careers as physician-scientists can pursue dual D.O.-Ph.D. degrees in the largest program of its kind at any osteopathic college.

Travel and Serve

Working with medically underserved audiences is a strongly supported tenet of MSUCOM. It’s not a commitment to healing that ends at the state’s or even at the nation’s borders. Students can take part in life-changing service learning international experiences while building their clinical skills and earning credits under the direction of faculty members and other outstanding physicians and may treat people who have little to no access to regular medical care.

First- and Second-year students take part in elective experiences to:

- Guatemala (March)
- Haiti (March)
- Russia (August)
- Brazil (August)

Four-year students can complete clerkships in:

- Guatemala
- Kenya
- Malawi
- Peru
### Board Prep Assistance

MSUCOM offers a supportive atmosphere, from the first day of orientation to graduation night. Part of this support includes a variety of services to assist students who are preparing to take the three-part Comprehensive Osteopathic Medical Licensing Examination (COMLEX) and the United States Medical Licensing Exam (USMLE).

In addition to faculty support, the Academic and Career Guidance department provides one-on-one counseling to assist students in selecting appropriate study materials and creating effective study plans.

MSUCOM also offers Bootcamp for Boards, a five-week intensive preparatory program run by Dr. Mangala Sadasivan that’s free to second-year students.

### Curriculum Overview

#### First Year

##### Semester 1

Students begin in the summer learning basic gross anatomy.

**Class:**
- Gross Anatomy and Palpatory Skills

##### Semester 2

Students learn about basic doctor/patient relationships and begin to learn the skills of manipulative medicine.

**Classes:**
- Osteopathic Patient Care 1
- Osteopathic Manipulative Medicine 1
- Young & Aging Adult 1
- Cell Biology & Physiology
- Medical Biochemistry & Molecular Biology
- Medical Immunology
- Medical Microbiology
- Medical Pharmacology
- Basic Principles of Pathology
- Medical Genetics

##### Semester 3

In their first spring semester students continue gaining scientific knowledge and begin to learn the basic skills of a physician, and advance their skills in osteopathic manipulative techniques.

**Classes:**
- Osteopathic Patient Care 2
- Osteopathic Manipulative Medicine 2
- Young & Aging Adult 2
- Neuromusculoskeletal System
- Genitourinary System
- Endocrinology System
- Female Reproductive System

#### Second Year

##### Semester 4

Students begin learning about osteopathic systems biology and the medically related fields of radiology and pharmacology. Students also delve into the details of body system biology and gain experience in family medicine and clinical settings.

**Classes:**
- Osteopathic Patient Care 3
- Osteopathic Manipulative Medicine 3
- Young & Aging Adult 3
- Gastrointestinal System
- Integumentary System
- Principles of Family Medicine*

##### Semester 5

Students continue to learn about body systems biology and extend their manipulative skills and techniques.

**Classes:**
- Osteopathic Patient Care 4
- Osteopathic Manipulative Medicine 4
- Young & Aging Adult 4
- Psychopathology System
- Hematopoietic System
- Cardiovascular System
- Principles of Family Medicine*

##### Semester 6

Students further their examination of body systems and analyze philosophical and conceptual issues related to the practice of medicine, including legal issues and special circumstances (disability and chronic illness).

**Classes:**
- Osteopathic Patient Care 5 (with preceptor)
- Osteopathic Manipulative Medicine 5
- Young & Adult Aging 5
- Respiratory System
- Ethics, Professionalism & Law
- Principles of Family Medicine*

##### Semester 7

Students complete their examination of systems biology and engage in case studies to complete their foundation of medical knowledge.

**Classes:**
- Transitions, Classroom to Bedside

*Students must complete two of the three preceptor experiences
Clerkship Program Requirements
Third- and Fourth-Year Students

The Clinical Clerkship curriculum is an 84-week program designed to educate and equip osteopathic physicians with skills necessary to enable them to enter primary care practice or pursue further graduate training related to a medical specialty.

CORE Rotations = 48 Weeks
- Family Medicine (4 weeks)
- Family Medicine Sub-Internship (4 weeks)
- Internal Medicine In-Patient (4 weeks)
- Internal Medicine Sub-Internship (4 weeks)
- Emergency Medicine (4 weeks)
- Internal Medicine Out-Patient (4 weeks)
- Neurology (4 weeks)
- Obstetrics & Gynecology (4 weeks)
- Surgery (4 weeks)
- Anesthesiology (2 weeks)
- Pediatrics (4 weeks)
- Psychiatry (4 weeks)
- Radiology (2 weeks)

Selective/Elective Rotations = 36 Weeks
Selectives to be completed at any SCS hospital (16 weeks)
Electives to be completed at facility of student’s choice (20 weeks)

Within Selective and Elective Rotations:
Students must complete/pass 12 weeks from the Medicine choice list.
Students must complete/pass 8 weeks from the Surgery choice list.
Students must complete/pass 16 additional weeks from either the Medicine or Surgery list or both.
Note: Students may not take more than 12 weeks of any one service.

Surgery (minimum 8 weeks from category)
- Anesthesiology Adv (OSS 648)
- Cardio Thoracic/Vascular Surgery (OSS 640)
- Facial & Plastic Reconstruction (OSS 641)
- General Surgery (OSS 663)
- Maternal Fetal Medicine (OSS 646)
- Neurosurgery (OSS 642)
- Obstetrics & Gynecology Specialty (OSS 652)
- Ophthalmology (OSS 656)
- Otorhinolaryngology (OSS 658)
- Pain Management (OSS 643)
- Podiatry (OSS 644)
- Reproductive Endocrine (OSS 647)
- Sports Medicine (OSS 644)
- Urology (OSS 645)

Medicine (minimum 12 weeks from category)
- Adult Psychiatry (PSC 609)
- Biomedical Research (OST 615)
- Cardiology (IM 651)
- Child Psychiatry (PSC 610)
- EM Advanced (IM 665)
- EM/Wilderness Medicine (IM 663)
- Family Med Specialty (FCM 601)
- Gastroenterology (IM 652)
- IM Specialty (IM 661)
- Medical Critical Care (IM 659)
- Nephrology (IM 653)
- Neurology Specialty (NOP 657)
- Oncology & Hematology (IM 653)
- Osteo Manipulative Med (OMM 660)
- **Pathology (IM 660): Max 4 weeks
- Pediatrics Specialty (PED 601)
- PM&R (PMR 601)
- Pulmonary Disease (IM 654)
- Radiology Specialty (RAD 609)
- Urgent Care (IM 662)

Students can complete their clerkship rotations in one of more than 30 locations across Michigan.
Michigan State University is an equal-opportunity employer.