

PROFESSIONAL

Academic information

The information on student life contained in this CATALOG is brief. The Loma Linda University *Student Handbook* more comprehensively addresses University and school expectations, regulations, and policies, and is available on the University website as llu (<http://www.llu.edu/assets/central/handbook/documents/Student-Handbook.pdf>).edu/student-handbook (<http://www.llu.edu/assets/central/handbook/documents/Student-Handbook.pdf>). All students are expected to familiarize themselves with the contents of the *Student Handbook*—including the section that pertains specifically to the School of Medicine—and to abide by its policies. Additional information regarding policies specific to the School of Medicine are provided by the school at the orientation for each academic year and posted on the Medical Student Education Canvas Page. Students who have questions about the *Student Handbook* should contact the Student Affairs Office of the School of Medicine.

Program requirements

The School of Medicine evaluates students progress and readiness for graduation in the following competency domains:

Competencies for medical student education

Patient Care—Students must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health in the context of whole person care.

- *History Taking*—Obtain and synthesize relevant and accurate information about the patient.
- *Physical Examination*—Perform appropriate, complete, and accurate physical examination.
- *Oral Case Presentation*—Provide an oral presentation of a clinical encounter appropriate for the clinical case, context, and audience.
- *Medical Documentation*—Document a clinical encounter in the patient record.
- *Procedures and Skills*—Perform skills and procedures required for patient care.
- *Patient Management*—Provide patient care that is compassionate, appropriate, and effective.

Medical Knowledge—Students must demonstrate the ability to effectively source and validate medical information, possess an adequate foundation of basic scientific knowledge, and apply this knowledge and information to the care of patients using clinical reasoning and problem solving skills in a whole person care approach.

- *Fundamental Medical Knowledge*—Comprehend the established and evolving basic and clinical biomedical sciences, including epidemiological and social/behavioral sciences.
- *Health Promotion and Disease Prevention*—Promote health and prevent disease.
- *Ethics and Spirituality, Culture of Patients*—Employ ethical principles and knowledge of religious beliefs and spirituality and cultural beliefs of patients and their families to enhance patient care.
- *Sourcing and Evaluation of Medical Information*—Use information technology to optimize delivery of patient care.

- *Problem Solving and Clinical Reasoning Skills*—Demonstrate problem solving and clinical reasoning skills

Professionalism—Students must demonstrate professional behaviors, attitudes and beliefs that allow patients, colleagues, members of the healthcare team and society to approach each physician encounter with an expectation of trustworthiness.

- *Personal Attributes*—Show ownership for one's choices, attitudes, and behaviors.
- *Relationship Attributes*—Demonstrate compassion, integrity and respect for others, including sensitivity and responsiveness to a diverse patient population.
- *Societal Responsibilities*—Fulfill obligation to patients, colleagues, and society.

Systems-Based Practice—Students must demonstrate an awareness of and responsiveness to the larger context and system of health care, (including health policy, social policy, and advocacy), as well as the ability to call effectively on other resources, including interprofessional teams in the system, to provide optimal health care.

- *Health Care Delivery Systems*—Demonstrate knowledge of health care delivery systems and their potential effects on the health of patients and communities.
- *System Resources*—Apply system-level approaches to improve quality of healthcare.
- *Interprofessional Education*—Collaborate effectively to improve health outcomes.

Practice-Based Learning and Improvement—Students must demonstrate the ability to investigate and evaluate their care of patients, appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning.

- *Evidence-Based Medicine*—Use principles of evidence-based medicine to optimize patient care.
- *Feedback, Self-assessment and Reflection*—Develop lifelong learning skills through seeking feedback, self-assessment, and reflection.
- *Practice-based Quality Improvement*—Engage in improvement of health care systems.

Interpersonal and Communication Skills—Students must be able to demonstrate culturally sensitive interpersonal and communication skills that result in effective information exchange and teaming with patients, their families, and professional associates. Students will recognize the presence of implicit bias.

- *Relationship-Building Skills*—Demonstrate adaptability in relationships with colleagues, patients, and their families.
- *Effective Listening Skills*—Actively engage in the skill of listening in educational and patient care settings.
- *Information Sharing Skills with Patients and their Families*—Communicate effectively within the context of the cultural beliefs, practices, and needs presented by patients and their communities.
- *Information Sharing with Professional Associates*—Present and document patient information to professional associates.
- *Communication with the Medical Team*—Work cooperatively with interprofessional health care teams.

Whole Person Care—Through the study and application of whole person care, students will develop an understanding of wholeness/wellness that is applied to their relationship with patients, colleagues, and themselves.

- *Whole Person Care of Patients*—Apply whole person care model to the care of patients.
- *Personal Wholeness of Self/Colleagues*—Apply Whole Person Care/Wellness to care of colleagues, and help support a healthy medical community. Implement wholeness strategies for personal development.

Doctor of Medicine degree requirements

The School of Medicine requires that a candidate for a degree or certificate from the school must have met the following requirements for the Doctor of Medicine degree:

- Completed all requirements for admission.
- Attended an accredited medical school for four academic years, the last two of which must have been spent at this school.
- Completed honorably all requirements of the curriculum, including specified attendance, level of scholarship, length of academic residence, and credit units.
- Completed additional special examinations covering any or all subjects of the medical curriculum, as may be required.
- Successfully completed USMLE examinations (Steps I and II), as specified.
- Given evidence of moral character, of due regard for Christian citizenship, and of consistent responsiveness to the established aims of the University and of the school.
- Discharged financial obligations to the University.

The candidate is required to participate in graduation exercises upon completion of the academic program. If the candidate is out of sequence with their current class but would like to participate in the commencement exercises, they must have completed a minimum of three months of the required senior clerkships, i.e., medicine, pediatrics, family medicine or surgery sub-internship, preventive medicine and public health, intensive care and emergency medicine by April 1 of the year of graduation. They must have taken and passed USMLE Step I and II, and be able to complete all requirements by September 30 of the same calendar year. Consent for the student to be absent, granted by the university president, is contingent on the recommendation of the dean to the president.

The families and friends of graduates are invited to be present at the official conferring of degrees service.

Licensing examinations

National

The graduate who holds credentials from the USMLE may be granted a license by endorsement of the Federation of State Medical Boards (FSMB). Additional information can be found on the FSMB website at www.fsmb.org

Postgraduate training

Graduate specialty medical education residencies

Loma Linda University is affiliated with a variety of accredited residency programs in two sponsoring institutions. The first is Loma Linda University Health and the second Loma Linda-Inland Empire Consortium

for Healthcare Education. Additional nonaccredited fellowships are available.

Graduate physicians wishing to apply for entrance into these programs should contact the director of the program.

These programs are sponsored by Loma Linda University Health and Loma Linda Inland Empire Consortium for Healthcare Education.

Postgraduate training

In harmony with the needs of medicine today, the curriculum leading to the Doctor of Medicine degree is planned with the assumption that all students will take standard postgraduate training in one of the fields of medicine. This means serving as a resident for a minimum of three years in a hospital approved for this training by the Council of Medical Education and Hospitals of the American Medical Association.

The Office of the Senior Associate Dean for Medical Student Education supplies information and assistance for the arrangement of residencies. Because the school participates in the National Residency Matching Program, selection through this means constitutes approval by the School of Medicine.

Continuing medical education

Recognizing the imperative of lifelong learning for professionals, the School of Medicine supports a program of continuing medical education for physicians beyond their formal postgraduate years. The Office of Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education to provide *AMA PRA Category I Credit(s)*[™] for physicians. Course offerings include weekly, bi-weekly, and monthly School of Medicine departmental grand rounds as well as a large number of one-day and multiday conferences and workshops that are presented locally and nationally for School of Medicine faculty, alumni, and practicing physicians within the geographic area in which the conferences are presented.

For more information please write to:

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Clinical facilities

Clinical instruction takes place primarily at Loma Linda University Health, which includes the Loma Linda University Children's Hospital, Loma Linda University East Campus Specialty Hospital, Loma Linda University Surgical Hospital, Faculty Medical Offices (FMO), Loma Linda University Behavioral Medicine Center, and Loma Linda University Medical Center—Murrieta. Additional clinical teaching sites include Kettering Medical Center in Dayton, Ohio, Jerry L. Pettis Memorial Veterans Medical Center, Riverside University Health System-Medical Center, AdventHealth Orlando, AdventHealth for Children and the White Memorial Medical Center. Also utilized are Arrowhead Regional Medical Center, Riverside Community Hospital, Glendale Adventist Medical Center, and Kaiser Permanente.

The instructional resources

Loma Linda University Medical Center (LLUMC)

Loma Linda University Medical Center is a major teaching center serving San Bernardino and Riverside counties. In addition to its large population of referred patients, the medical center is also a Level 1 trauma center for the region, comprehensive stroke center, STEMI receiving center, and a tertiary care center for high-risk obstetrics and neonatal intensive care. An extension houses the Loma Linda Cancer Center and the Proton Treatment Center for cancer therapy. Patients in the medical center are available for medical student, resident, and fellowship training.

Loma Linda University Children's Hospital

Loma Linda University Children's Hospital provides a single, centralized location where newborns, infants, and children can receive comprehensive and emergent medical care. Being seen at a comprehensive center for children's health care assures parents and their children that all aspects of the child's health will be closely monitored and understood. Loma Linda University Children's Hospital staff—pediatric nurses, physicians, surgeons, anesthesiologists, radiologists, and other professionals—work together to assure that every patient receives the highest possible quality of medical attention.

The organization of a children's hospital also means that the hospital staff is chosen from among people who are specially trained and have a deep interest in children's health care. Every Loma Linda University Children's Hospital employee is highly skilled in dealing with children and has made the care of children a personal priority. The children's hospital is known as "the place for little faces."

Loma Linda University East Campus Specialty Hospital

East Campus Specialty Hospital (formerly Loma Linda Community Hospital) is a teaching resource for students in family medicine, physical medicine and rehabilitation, orthopaedics, and clinical neuroscience. In addition, it serves as the primary inpatient training site for house staff in family medicine.

Loma Linda University Surgical Hospital

Loma Linda University Surgical Hospital is a specialty hospital that serves as a teaching resource for various specialties.

Loma Linda University Behavioral Medicine Center

Loma Linda University Behavioral Medicine Center, a freestanding, full-service psychiatric hospital, opened in 1991. Loma Linda University Behavioral Medicine Center offers adult, child, adolescent, and chemical dependency services, including inpatient and partial hospitalization. Special emphasis is given to services that provide the integration of Christian faith with psychiatric care for patients desiring such.

Faculty Medical Offices

The Faculty Medical Offices (FMO) include facilities for multiple specialties and an outpatient surgery suite. The FMO is utilized for student outpatient experience.

Kettering Medical Center

Kettering Medical Center (KMC), part of the Seventh-day Adventist Health care system is a tertiary care, level 2 trauma center delivering whole person care. It is one of the two major teaching centers in the Dayton Metro area which serves a population of greater than 1.5 million. It features cutting edge technology, state of the art clinical services with a cardiovascular division providing high volume interventional cardiology services and all aspects of structural cardiac procedures including the greatest volume of transcatheter aortic valve replacements in the region, a cancer center, and state of the art neurologic services including acute

interventions. KMC has a greater than 50-year tradition of medical education, including medical student from both Wright State University and Loma Linda, resident, and fellow education.

Jerry L. Pettis Memorial Veterans Medical Center

The Jerry L. Pettis Memorial Veterans Medical Center serves a wide geographic area and cares for a large population of veterans. Outpatient facilities, including a new state of the art ambulatory care center and inpatient wards are available for student and resident teaching. The residency programs are integrated with the Loma Linda University Medical Center and are under the supervision of the faculty of the School of Medicine.

Riverside University Health System—Medical Center

RUHS-MC, located 10 miles southeast of Loma Linda in the city of Moreno Valley, is a regional medical center providing care to all patients in need. Patients are available for student and resident training.

White Memorial Medical Center

White Memorial Medical Center is located approximately 60 miles west of Loma Linda in Los Angeles. The patient population reflects an inner-city profile with a large concentration of urgent medical and surgical, trauma, obstetrics, and pediatrics cases. Patients are available for student, resident, and fellowship training.

AdventHealth Orlando (AHO)

AdventHealth Orlando is a 1400 bed quaternary care center in Orlando, Florida, and is the major teaching hospital of AdventHealth. AHO has 6 major organ transplant programs, 200 critical care adult beds, multiple residencies and fellowships, and every conceivable capability to manage complex medical and surgical problems. The hospital serves as a referral facility as well as a community health resource. AHO has the highest possible rating (5-star) by the Centers for Medicare and Medicaid Services (CMS) and has been rated by U.S. News and World Report as the best hospital in Orlando for 11 consecutive years and on multiple occasions has been rated the top hospital in the state of Florida. AHO is the primary site for the Orlando Regional Campus of Loma Linda University School of Medicine.

AdventHealth for Children

AdventHealth for Children (AHC) is the quaternary care children's hospital of AdventHealth and resides on the Orlando campus of AdventHealth Orlando. AHC is the major teaching and referral hospital for children in the AdventHealth system. AHC services include transplantations in multiple organ systems and a bone marrow transplantation program.

Comprehensive specialty care for children is available on the AHC campus and includes inpatient and outpatient services delivered with an award-winning, patient centered, whole person care philosophy.