

# SUNY Upstate Medical University

The State University of New York (SUNY) Upstate Medical University encompasses the College of Medicine, College of Graduate Studies, College of Health Professions, College of Nursing, the Binghamton campus and the 350-bed University Hospital with an extensive network of specialty treatment services. Upstate educates physicians, research scientists, nurses and health care professionals and currently maintains a total student enrollment of approximately 1,200 in its four colleges.

Upstate Medical University traces its origins to 1834 when educators founded a medical school at Geneva College to train doctors for communities along the Erie Canal. In 1849, the school gained the distinction of awarding an MD degree to Elizabeth Blackwell, the nation's first woman physician.

In 1871, the medical school dean bought the college's medical library, anatomical museum, and other tangible assets. He and another Geneva faculty member approached Syracuse University and offered to donate these materials on condition that Syracuse University immediately establish and maintain a medical college consistent with American Medical Association standards. With support from the Onondaga County Medical Society, the Geneva medical faculty joined the Syracuse University College of Physicians and Surgeons, later known as the College of Medicine. In 1875, the new school was the third in the nation to adopt a three-year graded program, preceded only by Harvard Medical School and Chicago Medical College.

In 1936, President Franklin D. Roosevelt laid the cornerstone for a new teaching facility for medical education. This structure, later named Weiskotten Hall after the college's dean, Herman G. Weiskotten, remains the center of the basic science complex. It houses research laboratories, instructional rooms, the Health Sciences Library and faculty offices.

A program leading to the MS and PhD degrees in biochemistry was initiated in 1947 while the Medical College was still a part of Syracuse University. The program was then incorporated into the Graduate Program of the newly organized State University and expanded to include anatomy, microbiology, physiology and pharmacology, as well as medical technology. Today, the College of Graduate Studies currently offers MS and/or PhD degrees in six biomedical research disciplines. In 1950, Upstate became part of the State University of New York, a public higher education system that currently includes sixty-four campuses.

The College of Health Professions was added in 1956 and offered a certificate in cytotechnology. The College was officially organized in 1971 to offer associate's and bachelor's degrees in the allied health professions. The college currently offers upper-division and graduate degrees in eight health specialties.

In the late 1970s the Clinical Campus at Binghamton was established. This branch campus offers clinical education programs for third- and fourth-year medical students. It will also offer the clinical portions of a proposed program to train physician's assistants in the College of Health Professions.

The College of Nursing was established in 1985 with a unique MS degree program for registered nurses and has expanded its offerings to meet the needs of registered nurses in the Central New York region. The College was fully accredited by the National League of Nursing in Fall 1991. It currently offers a BS degree program and an MS degree program for advanced practice nursing, as well as a Post-Master's Advanced Certificate Program. A CRNA Program is under development.

As the University developed its programs, it also saw great expansion of its physical plant. Growth in the 1960s and 1970s included University Hospital, the Campus Activities Building, Clark Tower residence hall and Jacobsen Hall, which now houses administrative offices. A nine-story addition to Weiskotten Hall, a three-level parking garage, and the Campus West Building were all constructed with both public and private funding.

In 1983, the Regional Oncology Center was built and in 1985 a Pediatric Intensive Care Unit was added to the fourth floor of University Hospital. A day-care center was added in 1991 to meet the needs of Upstate's students, faculty and staff. The Health Sciences Library was completed in 1995 and the first major expansion of the University Hospital, a \$52 million East Wing addition, was completed in 1996. In 2000, the Institute for Human Performance opened to house an array of biomedical scientists, rehabilitation specialists and educators working to reduce the impact of aging, illness and injury. The facility includes the largest block of research space on campus outside Weiskotten Hall. The new Setnor Academic Building opened in the spring of 2007. Expansion of University Hospital to include central New York's only children's hospital, will be realized in 2009.

Building on its history and dedication to excellence, Upstate Medical University continues to expand services and to develop

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resources in virtually every field of medicine, making a major contribution to the quality of life in central New York and beyond.

## Mission Statement

**The mission of SUNY Upstate Medical University is to improve the health of the communities we serve through education, biomedical research and health care.** Excellence in patient care and the generation of new knowledge including understanding of disease, technology and therapy, are intrinsic to this mission. To this end, Upstate clinical faculty members and health care professionals commit themselves not only to educational activities but also to patient care, demonstrating excellence and compassion in both areas. Similarly, a large segment of the faculty and staff must engage in research, both basic and applied, to acquire and generate new knowledge and technologies in the effort to promote health and provide a stimulating environment for the training of future scientists. In pursuing its mission, Upstate Medical University provides its family of faculty, staff, students, and volunteers an environment of mutual trust and respect with opportunities to grow personally and professionally and make a positive difference in the lives of others.

## Accreditation

The SUNY Upstate Medical University is accredited by the Middle States Commission on Higher Education. All educational programs are registered through the New York State Department of Education and are approved by the Veterans Administration for the training of veterans under Public Law 98-358.

The programs in the Colleges of Health Professions and Nursing are accredited by the appropriate professional associations through the AMA Committee on Allied Health Education and Accreditation (CAHEA), Commission on Collegiate Nursing Education, and American Physical Therapy Association (also see College sections for more information). The College of Medicine is accredited by the Liaison Committee on Medical Education (LCME). Accrediting reports may be reviewed by contacting the college deans' offices.

### Syracuse and Central New York

Upstate Medical University is in the city of Syracuse, New York, which has a diverse population of approximately 150,000. Together with Syracuse University and the SUNY College of Environmental Sciences and Forestry, Upstate forms a dynamic intellectual hub known as University Hill. Upstate's collegiate and urban surroundings provide almost limitless cultural, artistic and athletic opportunities for students.

The campus is just four blocks from downtown Syracuse which offers a rich cultural life including Syracuse Symphony, Syracuse Opera, Syracuse Stage, Famous Artists series, Everson Museum of Art, Museum of Science and Technology, a civic center, convention center and Syracuse University's Carrier Dome sports complex.

The New York State Fairgrounds, site of the annual New York State Fair, also has a year-round schedule of performers, exhibitions, hobby shows and similar activities. Public transportation is available to shopping areas, theaters, restaurants and recreational areas.

The Lake Ontario, Finger Lakes and Thousand Islands vacation areas are within an hour's drive of the city and offer unique swimming, boating, fishing and hiking opportunities. Many smaller lakes are within a few minutes of Syracuse, and numerous golf courses are located in the city and surrounding towns.

Central New York is a haven for enthusiasts of winter as well as summer sports. Downhill and cross-country ski areas are within easy driving distance, and the major winter recreation areas of New York, Vermont and New Hampshire are only five hours away by car. Skating, tobogganing, snowmobiling, ice fishing, ice boating and other cold weather activities are also popular.

Syracuse houses major air, rail and bus terminals and is the junction of the New York State Thruway and Interstate 81, which connects Pennsylvania and Canada. Boston, New York City and Atlantic Ocean resorts are only a few hours away. (See also Campus Map.)

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## Statement of Technical Standards

Upstate Medical University's Colleges of Medicine, Nursing, Graduate Studies, and Health Professions strive to select students who possess the intelligence, integrity as well as personal and emotional characteristics that are considered necessary to become effective health professionals or biomedical scientists.

Students admitted to a program at Upstate Medical University should have the intellectual and physical abilities to acquire the knowledge, behaviors and skills taught in each program of study. The curricula are designed to provide the general education necessary for the student's selected field. Students will learn fundamental principles, develop critical judgment and apply principles and skills wisely in solving scientific and health related problems. Curricular goals and/or minimal graduation requirements are designed to fulfill these objectives and to prepare graduates to pursue further education, if desired.

In addition to satisfactory academic performance in all course work, students are expected to fulfill the non-academic essential functions of the curriculum in a reasonably independent manner. These functions are specified by the physical, cognitive and behavioral standards, referred to collectively as technical standards, necessary for the completion of the program. **Technical Standards for each college are printed in this catalog (see individual college sections) and are also available from the Office of Student Affairs, Room 1223, Weiskotten Hall.**

SUNY Upstate Medical University will consider for admission and advancement any individual able to perform pursuant to the standards which are used as guidelines. Reasonable accommodations will be provided to qualified individuals with a disability in accordance with applicable laws and policies, while maintaining the integrity of program standards. Requests for accommodations will be determined on a case-by-case basis.

## Non-Discrimination Policy

The State University of New York does not discriminate on the basis of race, sex, sexual orientation, color, creed, age, national origin, handicap, marital status or status as a disabled veteran or veteran of the Vietnam era, in the recruitment and employment of faculty or staff, in the recruitment of students or in the operation of any of its programs and activities, as specified by federal and state laws and regulations. Formal policy and procedures regarding sexual harassment have been developed and copies may be obtained by contacting the Office of Diversity and Affirmative Action. For more information, contact the Director of Diversity and Affirmative Action at 315-464-5234, 711 Jacobsen Hall.

## Facilities for Instruction

### Weiskotten Hall and the Setnor Academic Building

Facilities for instruction and research occupy most of Weiskotten Hall at 766 Irving Avenue. This building also contains the Health Sciences Library. Weiskotten Hall houses classrooms, lecture halls, the refurbished Medical Alumni Auditorium and high technology biomedical research laboratories. The building's southeast wing is connected to the comprehensive Health Sciences Library.

Closed circuit television, photography, illustration and audiovisual support units assist faculty members and students in preparing material for teaching, research, publication and exhibition. The newly completed Setnor Academic Building is adjacent to Weiskotten Hall. It offers additional classrooms, medical alumni offices, and a state-of-the-art clinical skills assessment center.

### Silverman Hall

Silverman Hall, at 788 Irving Avenue currently houses the College of Health Professions. The building offers faculty offices, classrooms, computer facilities, clinical teaching laboratories, conference rooms and a study skills tutoring laboratory.

### College of Nursing

The College of Nursing, 545 Cedar Street, houses its dean and faculty offices, classrooms, conference room, computer laboratory and a newly refurbished clinical laboratory.

### University Hospital

University Hospital patient care is second to none and serves as the cornerstone for clinical education at Upstate Medical University. The 350-bed University Hospital is a tertiary care, Level I trauma center serving the 17 counties of Central New York. University Hospital offers hundreds of specialty services. Other important services include a regional oncology center and autologous bone marrow transplant unit, the Joslin Center for Diabetes, a pediatric intensive care unit, lithotripsy services, and a Gamma Knife Unit. The East Wing houses a 54-bed intensive care unit, a 12-suite surgical unit, a physical medicine and rehabilitation unit, and other services. University Hospital is staffed by College of Medicine faculty. Excellent facilities for basic and clinical research are available at the hospital to supplement those in Weiskotten Hall.

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Please refer to the college sections in this catalog for information on clinical instruction at University Hospital and other clinical affiliates of Upstate Medical University.

## Health Sciences Library

The Health Sciences Library, founded in 1834, is the oldest department of the Upstate Medical University. The Library's mission is to meet the current and emerging health information service, resource and facility needs of the SUNY Upstate communities.

The Library provides access to over 1,800 full text electronic health sciences journals; an extensive collection of eBooks; a growing collection of streaming media such as the Bates Guides to Physical Examination; and a variety of online resources such as MEDLINE, CINAHL, Cochrane Library, Krames on Demand, Scopus, UpToDate, etc. The Library provides direct access to its catalog and electronic collections through its web page. Off-campus access is provided to eligible persons through LEAP (Library Enhanced Access Program). Please visit our web page at [www.upstate.edu/library](http://www.upstate.edu/library) to view all of our services and resources.

The Library maintains close affiliations with the libraries of Syracuse University and the SUNY College of Environmental Science and Forestry. The research collections of other state and area libraries and the National Library of Medicine are accessible through the National Network of Libraries of Medicine Interlibrary Loan Network and the New York State interlibrary loan network. Additional support for the Clinical Campus in Binghamton comes from the SUNY at Binghamton Science Library and the libraries of Our Lady of Lourdes, United Health Services and Robert Packer Hospital.

Library staff consists of twelve librarians with faculty appointments and thirteen additional professionals. They assist with searching the evidence based practice and research literatures; curriculum related instruction; consumer health information; citation analysis; individual and department consultations; obtaining articles not available in the Library's collections; course reserves, etc.

The Library is open, on average, 106 hours per week. The Library offers several types of study and collaborative space including individual rooms, group rooms, carrels, quiet space and a meditation room. The Library also provides space for art exhibits and can accommodate approximately 200 persons at special events.

**Hours** (recording with current hours) **464-4580**

### Fall/Spring

Sunday - Thursday 8 am - 1 am

Friday 8 am - 9 pm

Saturday 10 am - 9 pm

### Summer

Sunday - Thursday 8 am - 9 pm

Friday 8 am - 6 pm

Saturday 11 am - 5 pm

### Contact Information

Administration **464-4582**

Collection Development **464-7109**

Health Information Center  
(Consumer Health/Patient Education Services) **464-4410**

Historical Collections **464-4585**

Interlibrary Loan/Document Delivery **464-5116**

Library Services Desk **464-7091**

Media Services **464-7191**

Reference and Liaison Services **464-4581**

Web Services **464-8141**

### Library Services Desk/Borrowing Policies

**464-7091**

Upstate faculty, staff, clinicians and students may use their Upstate identification cards at the Library Services Desk to borrow materials. Course Reserves (books and media) are checked out for a 2 hour period and must be used within the Library until closing, when they may be borrowed until 9 am the following day. Books from the circulating collection may be borrowed for 3 weeks and may be renewed. Journals may be borrowed for 4 days; current year journals, 2 hours. Media materials from the circulating collection may be borrowed for 1 week.

Health practitioners and other professionals in the community may apply for professional courtesy privileges that enable them to borrow items from the circulating collection. Professional courtesy privileges do not include remote access privileges to our eJournal and database subscriptions.

Community residents may borrow consumer health materials from the Library's Health Information Center.

### Reference and Liaison Services **464-4581**

Reference Services are provided Monday-Friday from 8:30 am –5 pm and Saturday from 12 noon–4 pm (summer hours may vary). Reference Librarians assist clients with the effective use of the Library's resources and consult with colleges and departments to design services that meet their needs. If you can't find what you need, please visit us in person, by phone, and by e-mail at [askalibrarian@upstate.edu](mailto:askalibrarian@upstate.edu). You have questions; we find answers.

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Additionally, Librarians make presentations customized to meet your individual needs and those specific needs of your department. Our librarians will come to your location, including Upstate's off-campus locations, at a day and time convenient to you! Please contact us to schedule a session.

Librarians also collaborate with faculty to provide curriculum support in the form of customized instruction in research methods, information literacy, and strategies for finding evidence based information. Open registration seminars specific to a variety of information resources and tools are posted on our web page. These seminars also can be provided at your departmental location.

### **Consumer Health/Patient Education Services (Health Information Center) 464-4410**

A unique resource of the Library is its Health Information Center (HIC), staffed by a librarian and nurse educator. The primary mission of the HIC is to provide health information to the local community to enable clients to make informed health care decisions. HIC services are free and confidential and include lending of books and videos, research assistance, and providing information from the medical literature and from authoritative Web sources. The HIC also assists local health professionals in locating patient education materials at appropriate literacy levels and in a variety of languages. Contact the HIC by calling 464-4410 or by email to [hic@upstate.edu](mailto:hic@upstate.edu).

### **Computer Resources 464-4581**

Two computer labs are available in the Library. The first floor lab offers approximately 14 computers with Internet access. These are intended for health related research and are open to the general public. The second floor lab is reserved for persons with Upstate IDs and offers approximately 25 computers (MAC and PC) with Internet access and instruction related software applications. Both labs offer networked printers with a vendacard payment system.

### **Interlibrary Loan/Document Delivery Services 464-5116**

The Library's Interlibrary Loan service can obtain materials not available at the Upstate HSL. Requested articles are normally delivered by email within 48 hours. Requests may be submitted via the Library home page or by email to [request@upstate.edu](mailto:request@upstate.edu).

To facilitate document delivery, faculty and staff may submit a list of needed citations. Library staff will email the articles available in electronic format and place orders through Interlibrary Loan as appropriate. Citations may be submitted either to [askalibrarian@upstate.edu](mailto:askalibrarian@upstate.edu) or [request@upstate.edu](mailto:request@upstate.edu).

### **Historical Collections 464-4585**

One of the most outstanding features of the Library is its secure, climate controlled vault and preservation area. The collection includes the library of the Geneva Medical College, predecessor of Upstate Medical University, early American medical imprints, institutional archives, and a variety of artifacts and instruments related to the history of Upstate and of medicine in Central New York.

### **Media Services 464-7191**

The Library provides media resources responsive to curriculum needs and emerging technologies. Resources include web-based streaming video, DVDs, CDs, video and audio formats. A media librarian is available for consultation and help in identifying or locating resources customized to your needs.

## **Academic Computing**

Upstate provides a range of computing resources for students, including computer laboratories, instructional and productivity software, electronic mail, and access to national and international networks. All Upstate students are given computer accounts to access electronic mail, library services (see previous library section) and host-based course-related software.

### **Computer Access**

Public computer laboratories are located in the Health Sciences Library, Weiskotten Hall, Silverman Hall, the Campus Activities Building, and the Clark Tower residence hall. The Clark Tower and Weiskotten Hall labs are open 24 hours a day. These sites offer students access to microcomputers, printing services and scanning equipment. A local area network connects these computer systems to an expanding software collection that includes course-related programs, as well as word processing, graphics programs, etc. These systems also offer access to catalog and bibliographic databases offered by the Health Sciences Library, electronic mail, Internet services and connectivity to campus host resources.

Three computer classrooms provide for student instruction utilizing microcomputer technology and training in the operation and use of computer equipment and software.

Upstate Resnet provides students living in Clark Tower who have personal computers high-speed connections to the Upstate Data Network.

Connectivity to the Campus Data Network is provided to non-residential students for accessing instructional resources, the Health Sciences Library, e-mail, and the Internet.

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## **Faculty Computing Resources**

Faculty are encouraged to use computing technology in their teaching activities. Resources available to faculty include consultation in the instructional design of computer software, training in the use of computer tools (graphics, authoring, etc.), assistance in creating new teaching materials, and access to a Faculty Resource Center. The FRC provides hardware (computers, scanners, digitizers, etc.) and software (authoring tools, image manipulation) used to create teaching materials.

Faculty are also provided with computers, network connections, and data projection technologies that enable them to use computer-based materials in the classroom.

Academic Computing services are provided by Educational Communications, a unit of the Division of Information Management and Technology, the campus organization for providing information technology access and support in the service of the teaching, research and patient care missions.