



HEALTH SCIENCES

At the Marquette University College of Health Sciences, we pursue scientific discovery with deep purpose. To us, expanding knowledge is simply the first step. From there, we put findings into action to advance medical technology, discover more effective treatments, prevent disease — and improve the quality of life for everyone.

As a student here, you'll learn from, and work alongside, a community of exceptional scientists and practitioners who have dedicated their lives to helping others. And when you graduate, you'll step into your role as a leader in your field and a force for better health.



OUR LOCATION

Situated on the shore of beautiful Lake Michigan. our hometown of Milwaukee. top U.S. cities by population. It provides thousands of opportunities for partnerships with our programs and clinical experiences for our students. And, it allows us plenty of ways to Be The Difference. In fact, we provide the equivalent value of millions of dollars in care and services to the community annually through student-staffed clinics, centers and programs.

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WE'RE LOOKING FOR A CERTAIN KIND OF STUDENT AT MARQUETTE

You'll love it here if you're inquisitive, intelligent and fascinated by science. Here are a few more ways to know this is your place:

YOU DON'T SETTLE.

That's good, because our expectations are high. In fact, a commitment to the pursuit of excellence in all things is part of our mission.

QUETT

YOU GENUINELY CARE AND ARE DRIVEN TO SERVE OTHERS.

We work with and for others. It's part of our Jesuit DNA. And you'll get plenty of powerful opportunities to live that out, from the hundreds of community service opportunities to the way we approach helping patients and colleagues.

YOU KNOW THE TEAM HAS GREATER IMPACT THAN THE INDIVIDUAL.

The vibe here is collaborative and supportive. We're a close community and we're always pulling for one another's success.

YOU WANT TO LEARN FROM — AND WORK WITH — EXCEPTIONAL SCIENTISTS AND PRACTITIONERS.

Our faculty are regularly recognized with awards, receive millions of research dollars, are published and featured in publications across the globe, and are making breakthroughs every single day. Being with them every day lifts you up to a higher level.

YOU WERE BORN TO BE A LEADER.

We don't simply train students to do a job. We prepare you to excel in your field. We hear it from employers all the time: Marquette University grads are competent, caring, skilled at communication, and quickly able to accurately assess and effectively act in difficult situations.

YOU WANT TO START WORKING RIGHT AWAY IN TOP-NOTCH FACILITIES WITH CUTTING-EDGE TECHNIQUES.

Not many schools offer the breadth and depth of hands-on learning opportunities we do. Even fewer provide access to as many resources, both informational and physical. That combination puts a Marquette University experience in a class that's unmatched.

BIOMEDICAL SCIENCES

READY YOURSELF FOR ANY HEALTH FIELD.

As a biomedical sciences student, you'll study the human sciences that form the foundation for all of medicine and the health professions.

Immersed in an intense curriculum, you'll get hands-on knowledge of human anatomy and physiology, gain an understanding of how diseases develop and are treated, and have vast opportunities to conduct research alongside many top scientists. With your degree, you'll be ready for a number of health professions, including that of physician, dentist, physician assistant, physical therapist, pharmacist, optometrist, biomedical researcher and many others, as well as for numerous non-clinical career paths.

DEGREES OFFERED

- Bachelor of Science in Biomedical Sciences
- Doctor of Philosophy in Neuroscience (interdisciplinary)

GAIN EARLY ENTRY

The biomedical sciences major affords early entry into many professional and graduate programs, including dentistry, physician assistant studies, pharmacy, physical therapy, public health, business and more.

PRE-MED AND PRE-DENT ADVANTAGE

The human medical focus of the biomedical sciences major, which includes courses in human anatomy, physiology, pathology, pharmacology and medical genetics, affords a powerful advantage for students preparing to enter medicine, dentistry, PA and many other clinical professional disciplines.

BE THE DIFFERENCE

In addition to career and social events, the studentled Biomedical Sciences Student Association hosts a monthly service experience.



PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

In our program, you'll learn the latest material and get plenty of chances to apply it.

- Conduct research in the laboratory of some of the nation's top biomedical researchers, and/or immerse yourself in our 10-week paid summer research program
- Take advantage of our extensive, tiered career advising network composed of faculty, professional advisers and our Pre-health Advising Center
- Get an internship for pay or for course credit within a biotech, nonprofit, health or service organization







Most aspiring health professionals don't have access to human body dissection courses until their first year of professional school. But biomedical sciences majors at Marquette have a major advantage — here, you'll experience an intensive, full-semester gross anatomy dissection course. It's one of the very few courses of its kind in the country.

lab has increased senior Daniel Dewald's knowledge of anatomy exponentially. "To teach in the lab, I needed to have enough knowledge of the human body to be able to assist students in dissection and also identify and explain any variations that we might see within a specific body," says Daniel. It's also uncovered interests he didn't know he had. "I've discovered I truly have a love for educating and mentoring. In addition, the lab teaching experience has made my anatomical knowledge far more extensive as I begin my medical journey."

"WE'VE CREATED A UNIQUE ENVIRONMENT WHERE INDIVIDUAL INVESTIGATORS ARE HIGHLY COLLABORATIVE AND SUPPORTIVE. AND OUR TEACHER-SCHOLAR MODEL MEANS WE'RE ACCESSIBLE TO STUDENTS — AND INVOLVE THEM IN OUR WORK — WHILE WE CREATE KNOWLEDGE."

DAVID BAKER, PH.D., PROFESSOR AND CHAIR, BIOMEDICAL SCIENCES

EXERCISE PHYSIOLOGY

APPLY THE SCIENCE OF THE BODY TO IMPROVE ITS PERFORMANCE.

Inside Marquette's Exercise Physiology program you'll combine your people skills and passion for human sciences to launch a career in the medical and health professions. You'll study chemistry, biology, statistics, human anatomy, physiology, kinesiology, clinical testing and prescription, and biomechanics.

In our nationally accredited program, you'll receive hands-on training and have the opportunity to conduct research with internationally respected exercise scientists. With your degree, you'll be prepared for a career as an exercise scientist, and you'll be ready for a number of other health professions as well, including physical therapist, occupational therapist, exercise science researcher and athletic trainer.

BE THE DIFFERENCE

Marquette exercise physiology students recently won a bronze award from Exercise is Medicine® On Campus, a national program aiming to improve the health and well-being of campus

DEGREES OFFERED

- Bachelor of Science in Exercise Physiology
- 6-year Accelerated Doctor of Physical Therapy
- 5-year Accelerated Master of Athletic Training

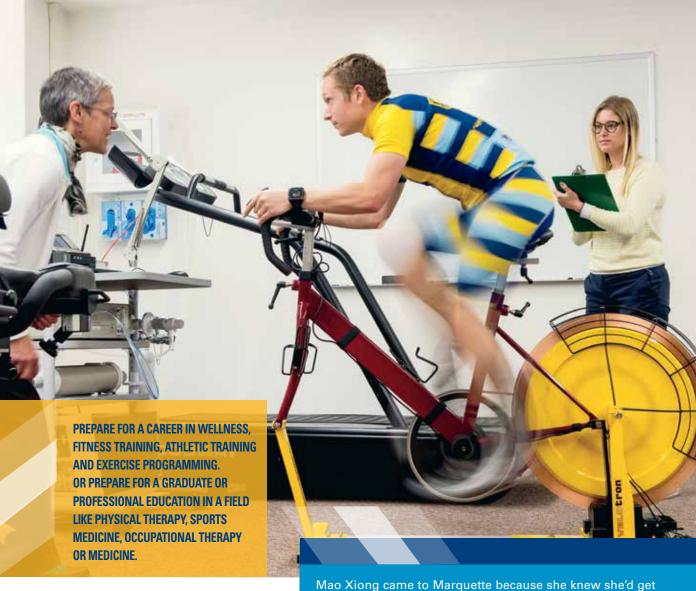
GAIN EARLY ENTRY

The exercise physiology major affords a distinct advantage to students pursuing professional or graduate degrees, offering early entry into the Doctor of Physical Therapy or Master of Athletic Training programs.



PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

Not only do we consult employers to inform our curriculum so that our classroom learning is as relevant as possible, you'll complete two internships: one in your junior year, and one in your senior year. And starting in your first year, you'll get plenty of hands-on instruction in clinical and translational rehabilitation training.



hands-on experience from day one. She's proud of how it's improved her critical thinking skills. "To give a proper exercise prescription, for example, it depends on each person's situation, since it varies widely," she says. "What I've learned so far has allowed me to be able to quickly assess, interpret and analyze a person's health and wellness."

"WE HAVE A RESPONSIBILITY TO THE COMMUNITY TO MAKE SURE OUR STUDENTS ARE THE BEST CAREGIVERS POSSIBLE."

PAULA PAPANEK, PH.D., M.P.T., LAT, ATC, FACSM, PROFESSOR AND DIRECTOR, EXERCISE SCIENCE

MEDICAL LABORATORY SCIENCE

PROVIDE THE DATA THAT INFORMS THE RIGHT TREATMENT.

As a medical laboratory science major, you'll have an opportunity to do the work that guides the majority of medical decisions.

More than 70% of all medical diagnoses are based on results from tests run by medical laboratory scientists. At Marquette, you'll develop expert lab skills while you collect and analyze bodily fluids and tissues to identify strains of infectious diseases, anemias, toxic substances in the bloodstream, cardiac and cancer markers, and more. And the rich hands-on experience you gain at Marquette will make you an outstanding professional.

DEGREE OFFERED

 Bachelor of Science in Medical Laboratory Science

BE THE DIFFERENCE

Medical laboratory science majors host an annual blood drive to increase blood supply and help save lives.



PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

In your senior year, you'll:

- Perform comprehensive testing in microbiology, chemistry, coagulation, hematology and transfusion medicine
- Spend six months working in a guaranteed clinical placement at one of the respected hospitals or clinics near campus



apply what he's learning in class to his work inside the lab. "Things like learning how to do a blood smear and reading biochemical tubes to identify certain bacteria make me feel prepared for my future," he says. "I can see myself doing these things in my career."

"ALL OUR FACULTY ARE STRONG LEADERS BOTH PROFESSIONALLY AND ACADEMICALLY. WE KNOW OUR STUDENTS WELL, AND GIVE THEM THE INDIVIDUAL ATTENTION THEY NEED TO STAND OUT ONCE THEY GRADUATE."

APRIL L. HARKINS, PH.D., MT(ASCP), ASSOCIATE PROFESSOR, MEDICAL LABORATORY SCIENCE

SPEECH PATHOLOGY AND AUDIOLOGY HELP PEOPLE CONNECT WITH OTHERS.

As a speech-language pathologist, you'll help adults and children who have speech, language, social communication, cognitive-communication and swallowing disorders. You'll also work to prevent these conditions from occurring.

Here in our program, you'll get clinical experience from your very first semester. And because part of being a successful practitioner is understanding how to read research and integrate it into your practice, you'll have many opportunities to do hands-on research as well.

BE THE DIFFERENCE

Join our chapter of the
National Student SpeechLanguage-Hearing
Association to network with
other professionals and play
an active role in serving the
community and supporting
local charitable organizations

DEGREES OFFERED

- Bachelor of Science in Speech Pathology and Audiology
- Master of Science in Speech-Language Pathology

ACCELERATED DEGREE PROGRAM

Apply for the Master of Science in Speech-Language Pathology program in your junior year and earn both the bachelor's and master's in five years.



PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

Work at the Marquette University Speech and Hearing Clinic under the direct supervision of clinical faculty and treat patients of all ages, from infant through geriatric. You'll help provide services such as:

- Speech, voice and communication evaluations
- Speech and language therapy
- Comprehensive audiologic evaluations
- Fitting of hearing aids



*'17, '18, '19 M.S. graduates



PARTICIPATE IN RESEARCH

- Building Rehabilitation Advances in Neuroscience (BRAIN) Lab
- Child Language and Literacy Lab
- Communication, Movement and Learning Lab
- Neurodevelopmental Feeding and Swallowing Lab
- Speech and Swallowing Lab

Mary Grace Riley counts her hands-on experience as a lead clinician at the Marquette University Speech and Hearing Clinic as integral to her future success as a speech pathologist. "Being a clinician sped up the development of my skills immensely in a variety of arenas such as interacting with patients, lesson planning, treatment implementation and with working with a supervisor," she says. "I understand how unique of an experience this was, and it made me incredibly grateful that I chose Marquette."

"AT MARQUETTE, STUDENTS GAIN INVALUABLE, FIRSTHAND EXPERIENCE PROVIDING SERVICES TO REAL PATIENTS UNDER THE DIRECT SUPERVISION OF CLINICAL FACULTY WHO ARE CERTIFIED, LICENSED SPEECH-LANGUAGE PATHOLOGISTS AND AUDIOLOGISTS."

EMILY PATTERSON, AU.D., CCC-A, CHAIR, DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY

ATHLETIC TRAINING

KEEP ATHLETES IN THE GAME.

As an athletic trainer, you'll focus on the health care needs of active individuals and help prevent, evaluate, manage and rehabilitate athletic injuries.

At Marquette, you'll work with faculty who each have specialized expertise and you'll gain practical experience in a variety of areas. This gives you the wide knowledge base and deep skills you'll need to succeed in a number of jobs after graduation.

BE THE DIFFERENCE

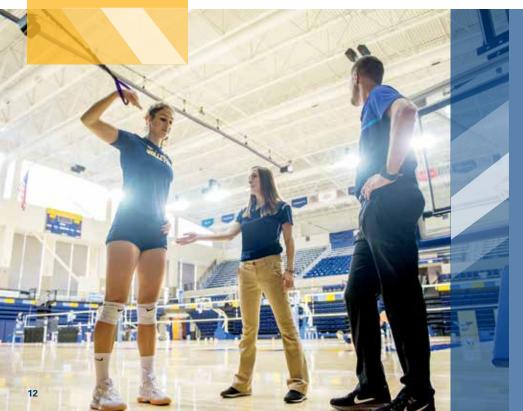
Each year, MATR student volunteers run the warmup area at Briggs & Al's Run & Walk for Children's Wisconsin

5-YEAR ACCELERATED DEGREE PROGRAM

Apply for direct admission as a senior in high school and in five years you'll earn an undergraduate degree in exercise physiology and a master's degree in athletic training.

2-YEAR PROFESSIONAL PROGRAM

If you've already completed an undergraduate degree and the necessary courses, apply directly to the Master of Athletic Training program (MATR).



PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

In the MATR program, you'll start clinical experiences early and work with:

- Trauma and emergency care
- Marguette Athletics
- A non-athletics environment like a doctor's office, fire station or factory
- A football program
- An immersive, semester-long internship of your choice





STRENGTH AND CONDITIONING LABORATORY

Collect applicable insights for improving athletic performance inside our lab using a biomechanics force plate and traditional resistance, conditioning and plyometric equipment.

During her clinical rotation with the Marquette women's basketball team, Isabelle Soto has had the chance to experience what it's like to treat and take care of elite NCAA Division I athletes. "I loved learning to communicate with athletes about the different modalities we were using for their injuries and explaining how it helped them." And, Isabelle sees a direct application from what she's learning in class. "I've now seen firsthand how to diagnose athletes with injuries."

"WE TRULY LIVE OUT JESUIT VALUES HERE, SO EVERY STUDENT FEELS VALUED, WELCOMED — AND THEY PASS THAT ON TO THEIR PEERS AND THEIR PATIENTS."

CHRIS GEISER, M.S., PT, LAT, ATC, CLINICAL ASSOCIATE PROFESSOR AND PROGRAM DIRECTOR OF ATHLETIC TRAINING

OCCUPATIONAL THERAPY

HELP PEOPLE LIVE FULLER LIVES.

Enhance your therapeutic capabilities, deepen your scientific knowledge, and serve the surrounding community as a Marquette occupational therapy student.

Our program blends human-focused care with neuroscience, kinesiology and anatomy. You'll also develop leadership and interprofessional skills that will differentiate you from peers in the field. And, you'll have the opportunity to see local clients as part of our on-campus OT clinic.

DEGREES OFFERED

 Doctor of Occupational Therapy (OTD)

CLINICAL OPPORTUNITIES

As an OTD student in on- and off-campus clinical fieldwork, you will be able to:

- Treat individuals with diagnoses like spinal cord injury and stroke
- Work with groups like the Parkinson's Exercise Group
- Conduct research with expert faculty

BE THE DIFFERENCE

Because your fieldwork opportunities are community-based experiences within local organizations, serving the underserved is built into the curriculum. You'l see the effects of health





PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

In your OT practice, your ability to work as part of a cross-functional care team will be essential. That's why we place an emphasis on interprofessional education — a specialized series of programs that teach you how to interact effectively with other health care professionals to provide the highest level of care possible for every patient.



*United States Department of Labor, Bureau of Labor Statistics One of Monali Adhikari's most exciting experiences at Marquette to date has been working with On Your Marq, a program that supports students on the autism spectrum. "I am learning skills in building rapport with clients by working on socialization, sensory processing and communication," Monali notes. "I'm also working with a collaborative team on creating group and individual interventions. It's building my confidence and expanding the essential skills I'll need as an occupational therapist."

"MARQUETTE'S FOCUS ON CARE FOR THE WHOLE PERSON AND OUR MISSION TO DEVELOP MEN AND WOMEN WHO WILL DEDICATE THEIR LIVES TO THE SERVICE OF OTHERS ALIGN PERFECTLY WITH THE OUTLOOK OF AN OCCUPATIONAL THERAPY PROFESSIONAL."

LANI STOCKWELL, OTR/L, MSOT, OTD, CHAIR AND CLINICAL ASSOCIATE PROFESSOR, OCCUPATIONAL THERAPY

PHYSICAL THERAPY

RESTORE MOVEMENT AND IMPROVE HEALTH.

In the Marquette Physical Therapy program, you'll become an ethical practitioner who understands the most effective current practices and is skilled in applying them. You'll graduate as a driven professional committed to becoming a health care and community leader.

Here, you'll have the opportunity to practice your profession on campus and across the United States. And as part of a well-funded research college, you'll be able to spend time in the lab engaging in collaborative, interdisciplinary discovery.

BE THE DIFFERENCE

Provide free physical therapy services to medically uninsured individuals in Milwaukee inside the ComMUnity PT Clinic, our student-operated physical therapy initiative

DEGREES OFFERED

- Doctor of Physical Therapy (DPT)
- Master of Science in Exercise Rehabilitation Science
- Doctor of Philosophy in Exercise Rehabilitation Science

CHOOSE AN OPTIONAL SPECIALTY

- Sports medicine
- Orthopedics
- Neurologic PT
- Pediatrics

DIRECT ADMIT

Apply to the accelerated program as an incoming undergraduate student and earn a bachelor's degree and a DPT in six years.

PROFESSIONAL DEGREE

If you already have an undergraduate degree, you can complete a DPT in three years (including two summers).

- Geriatrics
- Integumentary
- Pelvic floor
- Spanish
- Acute care
- Pediatric sports medicine
- Management



PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

In addition to conducting research and working in our on-campus clinics, you'll participate in 30 weeks of clinical internships in hospitals and clinics throughout the country.



Working pro bono in the Marquette ComMUnity Physical Therapy Clinic has provided Rachel Beilfuss, H Sci '20, with more than practical PT experience. "Some of my patients do not speak my native language, so I'm gaining interprofessional experience working with a medical translator and transcriptor," she says. "And I'm getting a new perspective on the importance of a biopsychosocial approach to patient care."

"EVERYONE HERE IS PULLING IN THE SAME DIRECTION AND WORKING TOWARD COMMON GOALS. WE ARE 100% COMMITTED TO EACH OTHER'S SUCCESS, ESPECIALLY WHEN IT COMES TO OUR STUDENTS."

ALLISON HYNGSTROM, PT, PH.D., DEPARTMENT CHAIR AND PROFESSOR, PHYSICAL THERAPY

PHYSICIAN ASSISTANT STUDIES CARE FOR THOSE WHO NEED IT MOST.

As a physician assistant, you'll diagnose and treat patients as part of a health care team, care for the sick and injured, and promote preventive care for the whole person. Since it's one of the highest ranked and fastest growing professions in the nation, you'll be well-positioned for a fulfilling career.

Our program, ranked 26th nationally by *U.S. News & World Report*, will prepare you as a primary care provider. It also offers subspecialties to ready you for any medical specialty field. Training at a Jesuit institution will let you truly embody our mission of serving disadvantaged populations that don't have access to quality medical care.

DEGREES OFFERED

 Master of Physician Assistant Studies

ACCELERATED PROGRAM

Apply to the program as a sophomore and earn a bachelor's degree and a Master of Physician Assistant Studies in five years. Or, apply as a junior to earn a bachelor's degree and a Master of Physician Assistant Studies in six years.

BE THE DIFFERENCE

Serve underserved and underinsured populations as a volunteer in one of our free community clinics.

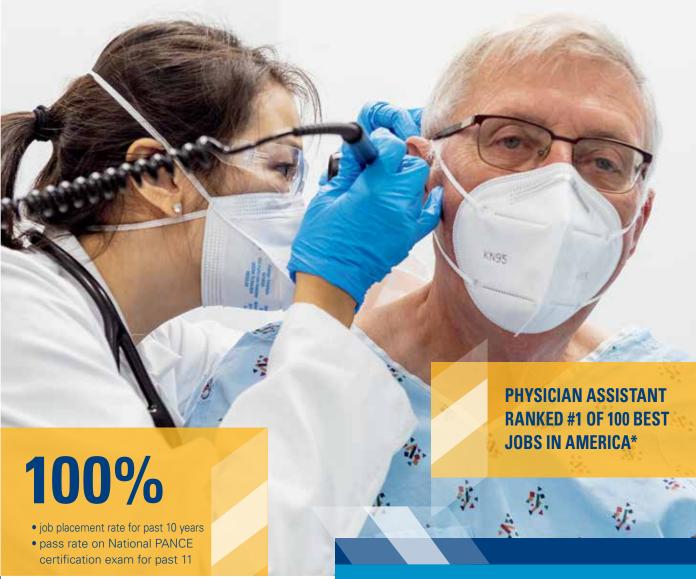


PRACTICAL KNOWLEDGE FOR POLISHED PROFESSIONALS

As a student, you'll participate in hospital and clinical rotations in:

- Emergency medicine
- Family practice
- Internal medicine
- Pediatrics
- Surgery
- Other specialty disciplines

Plus, you'll have an opportunity for postgraduate residencies in emergency medicine and primary care medicine.



*2021 U.S. News & World Report



SIMULATION CENTER

Inside our state-of-the-art sim lab, you'll experience a realistic health care environment where you can practice making high-stakes decisions.

Michael Cabahug's experience in the gross anatomy lab has helped him not only increase his anatomical knowledge, but has also given him critical collaboration skills. "When the semester was over, I found a new confidence in my own abilities — both my hands-on ability in dissection and my interpersonal skills when working on a team," he says. "I also found an even deeper determination to learn more about the body and how my medical education can play a role in improving health outcomes."

"STUDENTS HERE COME FIRST, SO AS TEACHERS, WE'RE DELIGHTED TO INCLUDE THEM IN EVERYTHING WE DO, FROM RESEARCH TO SERVICE."

MARY JO WIEMILLER, PA-C, M.S., DEPARTMENT CHAIR AND CLINICAL ASSOCIATE PROFESSOR, PHYSICIAN ASSISTANT STUDIES



CLINICS

LEARNING IN ACTION

When you graduate from a Marquette University College of Health Sciences program, you'll be confident and fully ready for your next step, whether that's graduate or professional school, or a job in your field.

One of the reasons our graduates are so successful is because of the research and clinical opportunities every student has access to right here on campus.

As a student in one of our clinics, you'll be involved in cutting-edge treatments and mentored by faculty members who are licensed professionals.



NEURO RECOVERY CLINIC

Inside the Neuro Recovery
Clinic, we provide neurologic
rehabilitation and promote
fitness focused on nervous
system recovery, optimal
function and lifelong
wellness. Physical therapists,
occupational therapists,
speech-language pathologists
and exercise physiologists
work together using cuttingedge technology to help
patients with neurologic
disorders such as:

- Spinal cord injury
- Brain injury CVA/stroke
- TRI
- Concussion
- Degenerative diseases (e.g., Parkinson's disease, multiple sclerosis)
- Balance and vestibular disorders
- Complex medical conditions





PHYSICAL THERAPY CLINIC

Our full-service physical therapy and rehabilitation clinic is open to the public and provides:

- General rehab services
- PT annual wellness checks
- Dry needling
- Post-concussion evaluation and treatment
- Free injury evaluations
- TMD (temporomandibular joint dysfunction) treatment



This clinic evaluates and serves children and adults of all ages with autism spectrum disorders, Down syndrome, cerebral palsy and other developmental disorders, as well as those who have suffered an illness or injury such as a stroke, traumatic brain injury or Parkinson's disease.

- Evaluations in speech and voice production, fluency, comprehension and use of spoken and written language, memory, problem-solving and reasoning skills, and social communication for all ages and pediatric feeding abilities
- Speech and language therapy
- Bilingual Spanish-English speech-language evaluation and therapy services
- Comprehensive audiologic evaluations and aural rehabilitation (hearing aids, assistive listening devices and auditory training) for adult and pediatric (age 6 months and older) population
- Group therapy is available for adults with language disorders because of stroke or other neurologic impairments and for children with delayed speech and language development.

ABOUT US Marquette University is a Catholic, Jesuit university located near the heart of downtown Milwaukee, Wisconsin. We offer a comprehensive range of majors in 11 nationally and internationally recognized colleges and schools. Here, every student has an opportunity to study with expert faculty, to put theory into practice, and to explore how to use their knowledge and skills to Be The Difference.

Learn more by calling the College of Health Sciences at (414) 288-5053. To apply, visit marquette.edu/admissions.







