Physical Therapy Doctoral Program

Rochester, Minnesota
**Physical Therapy Doctoral Program**

**PROGRAM DESCRIPTION**

Mayo School of Health Sciences’ Physical Therapy Program at Mayo Clinic in Rochester is a 33-month, entry-level Doctor of Physical Therapy (DPT) program that will prepare you for a career as a competent and compassionate physical therapist. The program is committed to educating students to become knowledgeable, skillful generalist physical therapists who embrace high ethical and professional standards.

When you graduate from the program, you will be:

- Skilled in screening, examination, evaluation, intervention and prevention of disorders or conditions impairing movement, function and health.
- Capable of assuming responsibility for independent judgment in making sound decisions regarding patient management.
- Prepared to care for patients with varying conditions and in diverse health-care settings.
- Able to practice both independently and collaboratively in a multicultural society.
- Ready to assume the multifaceted roles of an active professional, including practitioner, educator, researcher, consultant, administrator, collaborator, advocate and lifelong learner.
- Qualified to promote the advancement of physical therapy through practice, education and research.

Physical Therapy Program faculty members encourage students to commit to ongoing self-evaluation in their professional and personal development. You will be trained as both as physical therapy consumer and practitioner, able to contribute to the field of physical therapy. You will become a service-oriented professional who practices within the ethical and legal scope of current physical therapy practice.

The Physical Therapy Program curriculum follows a traditional model that embraces evidence-based physical therapy practice. It includes a strong clinical education component to give you the necessary breadth and depth to achieve proficiency in professional skills.
**ACCREDITATION**

The Physical Therapy Program at Mayo Clinic has been accredited since 1939. It is currently accredited by the Commission on Accreditation in Physical Therapy Education.

Mayo Foundation also is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools.

**Higher Learning Commission**

30 N. LaSalle Street, Suite 2400  
Chicago, IL 60602-2504  
(800) 621-7440  
(312) 263-0456  
Fax: (312) 263-7462  
www.ncacihe.org

**FACILITIES**

Mayo Clinic in Rochester is comprised of an integrated outpatient complex, Saint Marys Hospital, Rochester Methodist Hospital, and extensive research and education facilities. It is among the largest, most advanced medical centers in the world.

The Department of Physical Medicine & Rehabilitation offers comprehensive care for both inpatients and outpatients. At Mayo Clinic, physician evaluations, as well as physical and occupational therapy services, are available. Inpatient rehabilitation care is provided at Saint Marys Hospital.

Through training activities, specialized equipment, videos and other learning resources, you will learn to treat adult and pediatric patients with medical diagnoses typically seen in the rehabilitative clinical setting, including stroke, spinal cord injury, traumatic brain injury, multiple sclerosis, cancer, cardiac conditions and neurological impairments.

**GRADUATION AND CERTIFICATION**

Upon successful completion of the Physical Therapy Doctoral Program, you will receive a Doctor of Physical Therapy (DPT) degree from Mayo School of Health Sciences.

Graduates are eligible to take the national licensure examination. Successful completion of the professional licensure exam is required before you can begin practice. Each state requires licensure prior to practice.
HOURS
For the majority of the program, your learning schedule will include eight-hour days, five days per week. While the regular workweek is usually 40 hours, additional projects, patient activities and homework may be assigned.

CLASS SIZE
Each year, Mayo School of Health Sciences admits up to 28 students in its Physical Therapy Doctoral Program at Mayo Clinic in Rochester.

Curriculum
The Mayo School of Health Sciences’ Physical Therapy Doctoral Program prepares individuals for professional practice in hospitals, clinics and private practice through targeted course work, clinical experiences and research projects.

As a physical therapy student, you will primarily study and work on the Mayo Clinic campus in Rochester. In addition, you will have the opportunity for clinical experiences at approximately 175 clinical facilities in and outside the Mayo system that are used for educating our students.

CLINICAL
This program offers clinical experiences in:

• Trauma acute care
• Acute care clinical practice
• Inpatient rehabilitation
• Sports medicine
• Hand Clinic
• Outpatient orthopedics
• Geriatrics
• Pediatrics
• Work rehabilitation
• Rural outpatient practice
You will gain experience in treating patients with special therapy needs, which may include:

- Amputee rehabilitation
- Back-related symptoms evaluation and treatment
- Brain injury rehabilitation
- Musculoskeletal disorders, including shoulder and knee problems
- Neck pain evaluation and treatment
- Postmastectomy lymphedema management
- Rehabilitation of disabling neurologic conditions
- Rehabilitation of neuromuscular disorders
- Spinal cord injury
- Sports injury rehabilitation
- Stroke rehabilitation
- Trunk or extremity bracing problems
- Vestibular rehabilitation

**CLINICAL EXPERIENCES**

At the end of the first academic year, you will be assigned a six- to eight-week clinical experience in either an outpatient orthopedic, acute care, or a combination outpatient and acute care setting. These clinical experiences normally will be done at a facility outside Rochester.

During the second year, students complete two six- to eight-week full-time clinical experiences. During the third year, students complete two to three eight-week full-time clinical experiences. Three of these clinical experiences will consist of acute care, outpatient orthopedic and adult rehabilitation experiences. The other experiences may be electives in such areas as geriatrics, sports medicine, hand therapy, work rehabilitation and pediatrics. Community hospital and general private practice settings also are options. The majority of external clinical sites are within a 500-mile radius of Rochester.

You may be selected for an eight-week clinical rotation to one of Mayo Clinic’s practice sites in either Jacksonville, Fla., or Phoenix, Ariz.

**DIDACTIC**

Over the course of the three-year program, you will participate in lectures, workshops, in-service training, case studies, field trips, Grand Rounds and informal discussions. You are encouraged to participate in these opportunities as time permits.
RESEARCH

During the program, you will plan and conduct one group research project and one individual project that may involve a single subject or multiple subject research designs. Program mentors and physical therapy faculty and staff are available to help you select and carry out your research.

COURSE SCHEDULE

Year I - Fall Semester

Anatomy
Movement Science I
Pharmacology
Core Exam & Systems Review I
Core Intervention Skills I
Research I
Professional Management I

Year I - Spring Semester

Movement Science II/Biomechanics
Neuroscience I
Pathology/Histology
Clinical Orthopedics
Core Exam & Systems Review II
Core Intervention Skills II
Clinical Experience I

Year I - Summer Semester

Movement Science III
Core Exam & Systems Review III
Core Intervention Skills III
Professional Management II
Clinical Experience II

Year II - Fall Semester

Movement Science IV-Life Span Development
Neuroscience II
Management of Neuromuscular Conditions I
Management of Musculoskeletal Conditions I
Management of Cardiovascular-Pulmonary Conditions
Management of Integumentary Conditions
Research II
Year II - Spring Semester
Management of Neuromuscular Conditions II
Management of Musculoskeletal Conditions II
Management of Sports Related Injuries
Management of Complex Medical Conditions
Research III
Professional Management III - Teaching and Learning in PT

Year II - Summer Semester
Clinical Experience III & IV

Year III - Fall Semester
Special Topics
Health Promotion and Wellness
Research IV
Professional Management IV
Clinical Experience V

Year III - Spring Semester
Clinical Experience VI
Track Time Block (Clinical Experience VII or Research)
Professional Practice Evaluation

Note: The above curriculum is subject to minor revisions periodically.

SCHEDULED BREAKS
During each academic year, there is a two-week break at the end of fall semester, a one-week spring break during the spring semester, and various breaks before and after the clinical experiences. Vacation days during clinical experiences may be scheduled on an individual basis.

GRADING OR EVALUATION
Mayo School of Health Sciences uses student evaluative tools that include:

• Written examination
• Demonstration of skills
• Self-assessment exercises
• Faculty reviews
Our system of evaluation provides students and faculty with a comprehensive look at individual performance. This allows faculty and administrative staff to direct students who are experiencing academic difficulty to the appropriate support resources, including tutoring programs and counseling opportunities.

Faculty

TEACHING FACULTY

There are eight core faculty members devoted to the Physical Therapy Doctoral Program. The program also draws faculty from Mayo’s clinical, scientific and technical staffs. They are chosen for their commitment to teaching as well as clinical practice and/or research. Many have published and lectured extensively and are highly regarded in their field.

You will have access to these individuals throughout your training - with the opportunity to learn directly from some of today’s best practitioners in physical therapy.

CORE FACULTY BIOGRAPHIES

John Hollman, PT, Ph.D., Physical Therapy Program Director, joined the Physical Therapy Program in August 2003. He graduated from the Mayo School of Health Sciences’ Physical Therapy Program in 1994 and from Washington University in St. Louis in 2000 with his doctorate in Movement Science/Biomechanics.

Dr. Hollman’s teaching interests include biomechanics, kinesiology, research methods and statistics and musculoskeletal physical therapy. His research interests include the measurement and study of lower limb biomechanics, gait and control of postural stability. He has published his research in numerous peer-reviewed scientific and professional journals, including Physical Therapy, the Journal of Orthopaedic & Sports Physical Therapy, the Journal of Geriatric Physical Therapy, Physiotherapy Theory and Practice, the Journal of Sport Rehabilitation, Clinical Orthopaedics & Related Research, and Spine. He is a member of the American Physical Therapy Association, the association’s orthopaedics, research and education sections and the American Society of Biomechanics.
Connie Bogard, M.Ed., PT, Ph.D. candidate, graduated from the College of St. Scholastica in Duluth, Minn., with a B.A. in Physical Therapy in 1983. That year, she came to Mayo Clinic as a staff physical therapist. In 1986, she joined the faculty. Ms. Bogard received her master’s in Adult Education degree in 1989 from the University of Minnesota. She is presently a doctoral student in the Ph.D. program in Work, Community and Family Education (Adult Education Specialization) at the University of Minnesota. Ms. Bogard teaches and/or coordinates courses in neurorehabilitation and pediatrics. Her clinical interest is in the area of pediatric and adult neurorehabilitation. She has been a co-author/investigator on seven research articles related to range of motion, motor control and physical therapy program admissions. Her present interest is related to exercise prescriptions and compliance in exercise for patients with Parkinson’s disease. In addition, she is interested in a qualitative investigation of master’s of physical therapy students and new graduates’ (MPT) perceptions of their future educational endeavors considering the profession’s transition to the Doctor of Physical Therapy (DPT).

Nathan Hellyer, MPT, Ph.D., joined the Mayo Clinic faculty in January 2003. He received his master’s in Physical Therapy in 2000 and doctorate in Pharmacology in 1998, both from the University of Iowa. He became a Certified Strength and Conditioning Specialist through the National Strength and Conditioning Association in 1999. Mr. Hellyer teaches classes in pharmacology, exercise physiology, anatomy and pathology. He also team-teaches physical therapy intervention classes such as therapeutic exercise. Mr. Hellyer has authored several articles in scientific journals on growth factor signaling mechanisms, including Gene, The Biochemical Journal and the Journal of Biological Chemistry, and is currently investigating growth factor-mediated plasticity in muscle.

Denise Kinlaw, PT, CHT, is a 1970 graduate of Ohio University where she majored in pre-physical therapy and zoology. She attended the Mayo School of Health Sciences’ Physical Therapy Program, graduating in 1972. Ms. Kinlaw has been instructing physical therapy students since 1973. She completed the Hand Therapy Training Program at Mayo in 1979 and continues working as a therapist in the Mayo Hand Therapy Clinic specializing in brachial plexus lesions. She continues to teach massage, therapeutic exercise, evaluation and physical agents. She will be writing a chapter in hand clinics on adult
rehabilitation for patients with brachial plexus reconstruction. Ms. Kinlaw has been a member of a handbell choir for 20 years. Her combined experience as a physical therapist specializing in the hand and as a handbell musician has allowed her to collaborate with experts in the field and offer help to handbell ringers who have developed injuries. In this regard, she has contributed to a text for handbell ringers.

David Krause, PT, MBA, OCS, is a 1984 graduate of the Mayo School of Health Sciences’ Physical Therapy Program. He joined Mayo Clinic in 1984 as a staff physical therapist. His primary clinical responsibility has been in the Mayo Sports Medicine Department. In 1989, Mr. Krause received a Master of Business Administration degree from Winona State University. That year, he joined the faculty of the Physical Therapy Program. In 2001, the American Board of Physical Therapy Specialists awarded him a board certification as an Orthopedic Specialist. His teaching responsibilities include orthopedic evaluation and intervention, sports medicine, gross anatomy and management. He also continues clinical practice at the Mayo Sports Medicine Center. His research interests are in orthopedic assessment and treatment.

Aaron Rindflesch, PT, Ph.D. candidate, ACCE, joined the Mayo School of Health Sciences’ Physical Therapy Program as a full-time faculty member in June 2003. He serves as the academic coordinator of clinical education and is an assistant professor. He has been an instructor in the program since 1996 and has worked at Mayo’s clinical sites since his graduation from the program in 1995. His clinical specialties are in spinal cord injury rehabilitation and related equipment. Mr. Rindflesch has completed his course work and exams and is now a Ph.D. candidate in adult education at the University of Minnesota. He is currently working on his dissertation in patient education within the physical therapy profession. He teaches courses or sections of courses on topics such as, professional management and professionalism, neuroscience, spinal cord injury, patient transfers, orthoses and wheelchairs.
**Isobel Scarisbrick, PT, Ph.D.,** joined the Physical Therapy Program in October 2003. She graduated from the University of California, Irvine in 1994 with a doctorate in Biological Sciences and is currently an associate consultant in the Department of Physical Medicine and Rehabilitation at Mayo Clinic as well as an assistant professor in molecular neuroscience and neurology. Dr. Scarisbrick has strong neurorehabilitation research interests, which encompass molecular and cellular substrates of injury and repair in multiple sclerosis and spinal cord injury. Her studies have resulted in a number of peer-reviewed papers, including publications in *The Journal of Neuroscience, Brain, The Journal of Biological Chemistry, Biochemistry, The Journal of Neurochemistry* and *The FASEB Journal*. Dr. Scarisbrick teaches neuroscience in the Physical Therapy Program curriculum.

**Jim Youdas, PT, MS,** received a Certificate in Physical Therapy from the University of Pittsburgh in 1971 and a Master of Science degree from Virginia Commonwealth University in 1976. He has served as a faculty member for the Physical Therapy Program since 1976. Currently, Mr. Youdas teaches courses in gross anatomy, biomechanics and research methods. He assists other faculty in a variety of classes on physical therapy assessment and intervention skills. He has authored articles in several rehabilitation journals, including *Archives of Physical Medicine and Rehabilitation, Physical Therapy, Journal of Orthopaedic & Sports Physical Therapy* and *American Journal of Sports Medicine*. During the summers, Mr. Youdas continues to practice physical therapy at the Mayo Sports Medicine Center.

**VISITING PROFESSORS/LECTURERS**

A hallmark of higher education excellence is the breadth and depth of information and experience provided students by the faculty and visiting experts. Many prominent professors visit Mayo Clinic to lecture on their areas of medical and scientific expertise each year. As a student of Mayo School of Health Sciences, you are encouraged to attend all conferences, lectures and seminars prepared for students, residents, fellows and consulting staff.
Admissions

PREREQUISITES

To be eligible for admission to the Physical Therapy Doctoral Program, you must have at least a bachelor’s degree from an accredited college or university.

The following prerequisite letter-graded courses and work experience must be completed by the second semester (spring quarter) of the year you plan to enter the program:

• Biological Sciences: You must have at least four biology courses, each with laboratory experience, including:
  - One course in human physiology.
  - One course in human anatomy (lab experience not required) or a combined anatomy/physiology course distributed over two academic terms.
  - The following courses are recommended, although not required: kinesiology, microbiology, histology, embryology and comparative vertebrate anatomy.

• Chemistry: Two courses with laboratory study.

• Physics: Two courses with laboratory study.

• Statistics: One course in basic statistics, including elementary probability, descriptive measures, confidence intervals, t-tests and linear regression.

• Social Sciences: At least three courses (minimum of three credits each), including two courses in psychology (general, abnormal or developmental), and one course in sociology, anthropology, philosophy, logic or ethics, speech, death and dying.

• Cardiopulmonary Resuscitation (CPR): Proof of successful completion of an American Heart or American Red Cross approved CPR course within 12 months prior to entry into the program.

• Graduate Record Examination (GRE): Completion of the general test component of the GRE and reporting of scores.

• Work and/or observation experience: A minimum of 100 hours of observation or work experience in a physical therapy setting (varied disciplines preferred).
To be considered as a candidate for the Physical Therapy Doctoral Program, you must have at least a 3.0 cumulative grade point average (on a 4.0 scale) and a 3.0 or better science grade point average in post-high school academic work. Grades from all courses will be used to calculate the cumulative grade point average.

A grade of “C” or below will be calculated into the GPA and science GPA even if the course was later retaken with an “A” or “B” grade. A grade of “D” is unacceptable in any of the required courses.

POLICIES AND RESPONSIBILITIES

The following Mayo School of Health Sciences policies affect applications and admissions to its programs:

*English fluency*
Fluency in written and spoken English is essential to succeed in the program and to ensure patient safety. If English is a second language, you must be able to demonstrate fluency. Satisfactory performance on the Test of English as a Foreign Language examination or the Michigan Test of English Language Proficiency must be documented as proof of fluency. Your test results must be less than two years old.

*Immunization record*
For the protection of patients, students and employees, and in compliance with state regulations, Mayo Clinic requires students to be properly immunized. You must show proof of the following immunizations before you begin a program at Mayo School of Health Sciences:

- Tuberculin test in the past six months
- Varicella, rubella, and rubeola immunity
- Up-to-date diphtheria and tetanus shots
- Hepatitis B vaccination or signed declination

Documentation of vaccinations must be provided to Mayo Employee Health Service prior to the start of class.

*Health status*
Prospective students will undergo a physical examination or nurse’s review at Mayo Clinic and will have the opportunity to update or receive the required tests and immunizations cited above. More information about the physical exam will be provided after you have been offered a program appointment. Appointment to the program depends upon successful completion of the physical examination.
Medical insurance
Students must have medical insurance coverage during their program. Student medical insurance can be purchased through Mayo Clinic. Evidence of medical coverage must be provided when your educational program begins.

Background check
Prospective students must pass a criminal background check and/or drug screening required by state laws, prior to enrollment to Mayo School of Health Sciences.

Student responsibilities
Mayo School of Health Sciences students are expected to attend all scheduled classes, examinations and assigned clinical rotations unless absence is approved.

You must achieve a passing grade on the comprehensive examination, which you will take near the end of the third year of the program.

Students are required to exhibit professional and ethical conduct at all times.

TECHNICAL STANDARDS
Mayo School of Health Sciences accepts students who are highly qualified for its programs. To be considered for admittance you should exhibit strong qualifications for the health profession you wish to pursue. Applicants to programs must possess the following general qualities:

• Critical thinking skills
• Sound judgment
• Emotional stability and maturity
• Empathy for others
• Physical and mental stamina
• Ability to learn and function in a variety of settings

In addition to these responsibilities, as a physical therapist you will be required to:

• Work with arms above shoulders occasionally.
• Have adequate use of legs, arms, hands and fingers.
• Lift more than 50 pounds routinely.
• Push and pull, bend and stoop, and kneel or squat routinely.
• Stand 80 percent of the time.
• Work compassionately with patients.
• Assist patients on and off equipment from wheelchairs or carts.
• Effectively write and speak to patients and staff.
• Hear and see clearly.
• Work weekends and holidays.

Most full-time physical therapists work a 40-hour week, which may include some evenings and weekends. The job can be physically demanding because therapists often have to stoop, kneel, crouch, lift and stand for long periods. In addition, physical therapists move heavy equipment and lift patients or help them turn, stand or walk.

You must be able to perform the essential functions of the profession and meet the standards of the curriculum. Students seeking exceptions to these standards or reasonable accommodations should initiate their request with the program’s director.

Application Process

POSITIONS

Up to 28 candidates are accepted each year on a competitive basis for the Physical Therapy Doctoral Program.

APPLY

• To apply to the Physical Therapy Doctoral Program, please submit:
  1. A completed Mayo School of Health Sciences application form and program forms
  2. Official transcripts of all college and/or university credits
  3. One educational recommendation (form provided)
  4. One work recommendation (form provided)
  5. A nonrefundable application fee of $50

• Your application and all supporting documentation must be submitted in one packet on or before Feb. 1 for classes beginning the following August. (Application forms are available beginning May 1.) All applicants will be notified of their admissions status no later than March 1. It is to your benefit to complete your application as soon as possible.

• Detailed instructions for submitting the application will be included in the application package sent to you.
• Applicants are initially screened on the basis of their grade point average, GRE score, character, observational or actual work experience in physical therapy (minimum of 100 hours), and letters of recommendation.

• The program uses a “rolling admissions” process in which applications will be reviewed in the order in which they are received. The Admissions Committee will begin reviewing applications in September.

• If you are considered for an appointment, you will be invited to visit Mayo Clinic in Rochester for a personal interview with the Admissions Committee. All costs associated with this interview are your responsibility.

• Mayo School of Health Sciences upholds all federal and state laws that preclude discrimination on the basis of race, sex, age, religion, national origin, marital status, sexual orientation, disabilities or veteran’s status.

• Mayo School of Health Sciences is committed to developing and maintaining the very best education programs. Changes may be made to the curriculum and other aspects of this program as necessary to assure the highest-quality training.

Tuition & Financial Aid

PROGRAM COSTS

The tuition for the Mayo School of Health Sciences Physical Therapy Doctoral Program is approximately $18,500 per academic year. Please contact the program for current tuition rates.

There is a $50 nonrefundable application fee to apply to the program.

You will need to purchase your own books and uniforms for clinical practice and observation within Mayo Clinic during your duration in the program (approximately $2,000). Also, all students are expected to become student members of the American Physical Therapy Association.

You are responsible for providing your living accommodations and transportation.

You may hold outside employment during the program, if it does not conflict with your program responsibilities.
FINANCIAL AID

Scholarships may be available for those who demonstrate financial need. The Mayo Clinic Student Financial Aid Office can provide more details about financial aid for the Physical Therapy Doctoral Program.

Physical Therapy Career Overview

FIELD DESCRIPTION

Physical therapists (PTs) work with patients who have impairments, limitations, disabilities or changes in physical function and health status resulting from injury, disease or other causes. Their role includes examination, evaluation, diagnosis, prognosis and interventions toward achieving the highest functional outcomes for each patient/client.

PTs provide services within a disablement model, which includes aspects of pathophysiology, impairment, functional limitation and disability. They provide services that help restore function, improve mobility, relieve pain, and prevent or limit permanent physical disabilities. They restore, maintain and promote overall health, wellness and fitness. Their patients include accident victims and individuals with disabling conditions such as low back pain, arthritis, heart disease, fractures, head injuries and cerebral palsy.

Therapists examine patients’ medical histories, then test and measure their strength, range of motion, balance and coordination, posture, muscle performance, respiration and motor function. They also determine the ability of patients to become independent and reintegrate into the community or workplace after an injury or illness.

After examining patients, physical therapists develop treatment plans that describe the treatment strategy, its purpose and anticipated outcome. PT assistants, under the direction and supervision of a physical therapist, may be involved in implementing patient treatment plans. Physical therapist aides perform routine support tasks, as directed by the therapist.

Treatment often includes exercise for patients who have been immobilized and lack flexibility, strength or endurance. They encourage patients to use their muscles to further increase flexibility and range of motion before finally advancing to exercises improving strength, balance, coordination and endurance. Their goal is to improve how an individual functions at work and home.
Physical therapists also use electrical stimulation, hot packs or cold compresses and ultrasound to relieve pain and reduce swelling. They may use traction or deep-tissue massage to relieve pain. Therapists also teach patients to use assistive and adaptive devices such as crutches, prostheses and wheelchairs. They also may show patients exercises to do at home to expedite their recovery.

As treatment continues, physical therapists document progress, conduct periodic examinations, and modify treatments when necessary. Such documentation is used to track the patient’s progress, and identify areas requiring more or less attention.

Physical therapists often consult and practice with a variety of other professionals, including physicians, dentists, nurses, educators, social workers, occupational therapists, speech-language pathologists and audiologists.

Some PTs treat all physical disabilities, others specialize in areas such as pediatrics, geriatrics, orthopedics, sports medicine, neurology and cardiopulmonary physical therapy.

**CAREER OPPORTUNITIES**

Employment of physical therapists is expected to grow faster than the average for all other occupations through 2010. The demand for physical therapists should continue to rise as a result of growth in the number of individuals with disabilities or limited function. The rapidly growing elderly population is particularly vulnerable to chronic and debilitating conditions that require therapeutic services. Also, the baby boom generation is entering the prime age for heart attacks and strokes, increasing the need for cardiac and physical rehabilitation.

Advances in medical technology that increase survival of newborns with birth defects, save more trauma victims, and permit treatment of additional disabling conditions will create greater demand for rehabilitative care. Widespread interest in health promotion also should increase demand for physical therapy services. A growing number of employers are using physical therapists to evaluate work sites, develop exercise programs, and teach safe work habits to employees in the hope of reducing injuries.

Physical therapists held about 132,000 jobs in 2000, with one-in-four working part-time. About two-thirds of physical therapists were employed in hospitals or private practice. Other jobs were in home health agencies, outpatient rehabilitation centers, offices and clinics of
physicians and nursing homes. Self-employed physical therapists may provide services to individual patients or contract with hospitals, rehabilitation centers, nursing homes, home health agencies, adult day care programs and schools. They may establish a solo practice or join a consulting group. Physical therapists also teach in academic institutions and conduct research.

EARNING POTENTIAL

According to the American Physical Therapy Association 2003 Median Income of Physical Therapist Summary Report, median annual earnings of physical therapists were $62,000 in 2003. Median earnings ranged from $46,000 for physical therapists with 0-3 years of experience to $72,000 for physical therapists with more than 15 years of experience.

PROFESSIONAL ORGANIZATION

Visit the following Web site to learn more about physical therapy:

- American Physical Therapy Association (www.apta.org)
Program Contacts

For an application form or more information about the Physical Therapy Doctoral Program at Mayo Clinic in Rochester, please contact:

Kate Ray, Enrollment and Student Services Director
(507) 266-4077
(800) 626-9041
Fax: (507) 284-0656
E-mail: mshsenrollment@mayo.edu

or

John Hollman, Physical Therapy Doctoral Program Director
(507) 284-2054
Fax: (507) 284-0656
E-mail: hollman.john@mayo.edu

Mayo Clinic College of Medicine
Mayo School of Health Sciences
Siebens Medical Education Building 1138
200 First Street SW
Rochester, MN 55905

Application forms are available beginning May 1 each year for the class beginning the following August. An application form is available by writing to the address above, calling Enrollment and Student Services at (800) 626-9041, or sending an e-mail request.

You can also request more information on education programs offered by Mayo School of Health Sciences.