Health Careers Rock!

EXPLORE these primary care careers and other positions within the health care industry!

	DENTISTRY			MEDICINE		NURSING			PHARMACOLOGY			PUBLIC HEALTH		SOCIAL WORK	
	DENTAL ASSISTANT	DENTAL HYGIENIST	DENTIST	PHYSICIAN ASSISTANT (PA)	PHYSICIAN	LICENSED PRACTICAL/ VOCATIONAL NURSE	REGISTERED NURSE	ADVANCE PRACTICE REGISTERED NURSE (APRN)	DOCTORATE IN NURSING DOCTOR OF PHILOSOPHY	PHARMACY TECHNICIAN	PHARMACIST	HEALTH CARE ADMINISTRATOR	EPIDEMIOLOGIST	LICENSED SOCIAL WORKER	DOCTORATE IN SOCIAL WORK
POSITION / PURPOSE	A dental assistant may be trained to aid dentists at the chair side, clean instruments and the work area, and perform laboratory procedures.	A registered dental hygienist is a preventive oral health professional who provides educational, clinical, research, administrative, and therapeutic services supporting total well-being through the promotion of optimal oral health.	Dentists are responsible for the diagnosis, treatment, management and overall coordination of all dental services related to an individual's oral health.	Physician assistants are professionals who work as part of a team to practice medicine under the supervision of a physician. PAs perform physical examinations, diagnose and treat illnesses, order and interpret lab tests, perform procedures, assist in surgery, provide patient education and counseling, and make rounds in hospitals and nursing homes. All 50 states allow PAs to practice medicine and prescribe medications as well. PAs work in a variety of settings, including inpatient and outpatient settings. PAs train to provide primary care, but can work in specialty care as well.	Family medicine physicians focus on the health care of individuals or families. Doctors specializing in internal medicine care for patients in offices and hospitals. They manage common sicknesses and complex illnesses of adolescents, adults, and the elderly. Pediatricians are concerned with the physical, emotional, and social health of children from birth to young adulthood.	LPNs or LVNs provide basic nursing care under the direction of registered nurses and doctors. They may check blood pressure, change bandages, help patients bathe and dress, and maintain patient records.	RNs record patients' medical histories and symptoms, give patients medicines and treatments, set up plans for patients' care or contribute to existing plans, and observe patients and record the observations. They also operate and monitor medical equipment, help perform diagnostic tests and analyze results, teach patients and their families how to manage their illnesses or injuries, and explain what to do at home after treatment.	APRN is an umbrella term for four different types of masters prepared (or doctorally-prepared) nurses. APRNs work in collaboration with a physician or independently. Nurse practitioners provide health care to individuals or families in a variety of places – clinic, hospital school, etc. Nurse midwives provide health care to women during and after a pregnancy. They also deliver babies and care for babies right after delivery. Nurse anesthetists work in hospitals, surgical centers and dental offices alongside a physician or dentist to deliver anesthesia during a surgical procedure. Clinical nurse specialists work in hospitals as consultants, nurse educators or care coordinators. All APRNs perform physicals, provide treatment, write prescriptions and counsel patients.	Nurses with doctoral degrees become leaders who improve healthcare through education, training, and research. They may study how health professionals care for patients or specific groups of people, work to create new laws that improve health care, or come up with new ways to solve health problems. They might also conduct research about nursing, teach nurses and other health professionals how to become better at their jobs, or develop programs that help individuals, and communities lead healthier lives.	Pharmacy technicians help pharmacists give medicines to patients. They may count medications, label bottles, update patient files, answer phones, stock shelves, and operate the cash register.	Pharmacists know about different drugs and understand how they affect the body. They give medication to people who have forms from their doctor indicating that they need it and explain how to take the medicine the right way. Pharmacists may help doctors decide which medicine is best for their patients and let them know when a certain combination of medicines might be harmful. Some pharmacists compound or mix medications and give certain vaccinations.	A career in health administration can range from processing the paperwork for incoming patients to managing an entire office of secretaries. One may also be involved in the compliance area of a hospital in this part of the administration.	An epidemiologist focuses on research and figures out ways to support different health initiatives. An epidemiologist typically works for a public university and does research for a medical team.	Social workers provide health related services in numerous settings; hospice and palliative care, schools, colleges and universities, hospitals, medical centers, private practice, government agencies, mental health clinics, outpatient healthcare settings, psychiatric hospitals and social service agencies. The scope of practice varies from case management and discharge planning, clinical practice to macro practice, which informs and shapes policies, communities, programming and leadership.	Social workers with a doctoral degree become leaders in the healthcare field. They assume leadership roles in agencies that provide health care and related services and through research and education impact health care. They may study how healthcare disparities affect a population. At colleges and universities, faculty develop curricula and recruit and influence future social workers to provide services in the health care arena.
PREPARATION	A high school diploma or equivalent, a certificate (program of up to one year of study beyond high school), an Associate degree (two years of study beyond high school) or on-the-job training.	Associate degree from an accredited dental hygiene program. Must pass written and clinical examinations.	Doctoral or professional degree from an accredited dental school. Must pass written and practical examinations and have a license.	Master's degree. All states require completion of an accredited PA program and passing a national certification exam for state licensure.	Doctoral or professional degree from an accredited school or college of medicine. Must complete three years of residency (on-the-job training for doctors), pass exams, and obtain a license to practice.	Diploma, certificate, or Associate degree	Associate, Bachelor's or Master's degree	Master's (most) or doctoral degree. All states require completion of an accredited formal education program and passing a national exam to obtain a license.	Doctoral degree	High school diploma	Doctoral or professional degree. Must pass several exams and have a license.	Bachelor's and/or Master's degree	Master's or Doctoral degree	Bachelor's and Master's degree	Doctoral degree
PAY	$36,940	$72,920	$175,000-$239,000	$101,480	Physicians' salary varies depending on area of specialty. The salary range for primary care physicians starts at $230,456 and up.	$44,090	$68,450	$94,970-$181,740	$80,000-$150,000 (or more if administrative positions are held)	$30,920	$122,230	$90,000	$70,820	$46,890	Varies
PROGRAMS	Baker College Davenport University Delta College • Dorsey Schools Everest Institute Grand Rapids Community College Kaplan Career Institute Lake Michigan College Mott Community College Northwestern Michigan College Ross Medical Education Center Sienna Heights University Washtenaw Community College Wayne Cty Comm. College District	Baker College Delta College Ferris State University Grand Rapids Comm. College Kalamazoo Valley Comm. College Kellogg Community College Lansing Community College Mott Community College Oakland Community College University of Detroit Mercy Univ. of Michigan–Ann Arbor Wayne Cty. Comm. College Dist.	Univ. of Detroit Mercy Univ. of Mich.– Ann Arbor	Central Michigan University Grand Valley State University University of Detroit Mercy Wayne State University Western Michigan University	Central Michigan University Michigan State University Oakland University University of Mich. – Ann Arbor Wayne State University Western Michigan University	Alpena Comm. College • Baker College Bay de Noc Comm. College • Davenport University Delta College • Glen Oaks Comm. College Gogebic Community College • Jackson Comm. College Grand Rapids Community College Kalamazoo Valley Comm. College Kirtland Community College Lake Superior State Univ. • Lansing Community College Monroe County Community College Montcalm Community College Muskegon Community College Northern Michigan University Northwestern Michigan College Oakland University • Schoolcraft College Southwestern Michigan College St. Clair County Community College West Shore Community College	Andrews University • Aquinas College Calvin College • Davenport University Eastern Michigan University Ferris State Univ. • Finlandia Univ. Grand Valley State University Hope College Lake Superior State University Madonna University Michigan State University Northern Michigan University Oakland University Saginaw Valley State Univ. University of Detroit Mercy Univ. of Michigan–Ann Arbor University of Michigan–Flint Wayne State University Western Michigan University	Andrews University Eastern Michigan University Ferris State University Grand Valley State University Madonna University Michigan State University Northern Michigan University Oakland University Saginaw Valley State University University of Detroit Mercy Univ. of Michigan–Ann Arbor University of Michigan–Flint Wayne State University Western Michigan University	Baker College • Jackson Comm. College Bay de Noc Community College Dorsey Business School Henry Ford Comm. College Kirtland Community College Lansing Community College Madonna University Mich. Career & Tech. Institute Mid Michigan Comm. College Oakland Community College Ross Medical Education Center Southwestern Mich. College Washtenaw Comm. College Wayne Cty. Comm. College Dist. West Shore Community College	Ferris State University Univ. of Mich.–Ann Arbor Wayne State University	Davenport University Eastern Michigan University Madonna University Michigan State University Oakland University University of Mich.- Ann Arbor Wayne State University Western Michigan University	Michigan State Univ. Univ. of Mich.- Ann Arbor Wayne State University	Andrews University • Calvin College Central Michigan University Eastern Michigan University Ferris State University Grand Valley State University Hope College • Madonna University Michigan State Univ. • Oakland University Northern Michigan University Saginaw Valley State University Sienna Heights University Spring Arbor College University of Detroit Mercy University of Michigan Wayne State University Western Michigan University	Michigan State University University of Michigan Wayne State University

These are only a few of the many healthcare professions to choose from. For more information about health care careers, visit **https://mihott.org/ or https://explorehealthcareers.org/**
If you are interested in learning more about health careers, camps, programs or scholarships or other resources that will help you achieve your goals, please let us know.

*Source: U.S. Bureau of Labor Statistics 2017

Health Careers Rock!

THE HEART OF MICHIGAN

CLIMB YOUR WAY TO A REWARDING CAREER IN HEALTH CARE

The **Michigan Area Health Education Center** (MI-AHEC) a program of Wayne State University, was established in 2010 to improve access to primary care for all Michigan residents, many of whom live in areas that have too few health professionals. Through recruitment and retention initiatives, as well as special clinical education programs, MI-AHEC seeks to expose disadvantaged students to health care careers, expand the number of underrepresented minorities in the health professions, and encourage students and health professionals to work in areas that need greater access to primary care providers. The national AHEC program was created by Congress in 1971.

What is a Primary Care Professional?

MI-AHEC's goal is to increase the number of primary care professionals in our state.

Primary care professionals are doctors and other health professionals who help families and individuals to maintain good health. Primary care professionals keep patients informed about their progress and provide advice to help them develop healthy habits and stay well. They might also monitor symptoms or health problems and share information to address or correct issues.

Primary care providers also diagnose and help people fight illnesses. Primary care professionals work in a variety of places. Some work in hospitals and clinics. Others might work in private doctor's offices.

Health Careers Rock!

AHEC

MICHIGAN AREA HEALTH EDUCATION CENTER

A Program of Wayne State University

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Vital Signs | FAST FACTS ABOUT HEALTHCARE

HEALTH CARE PROFESSIONALS

who are considered primary care providers:

- **Dentists**
- **Family Practice Physicians**
- **Internal Medicine Physicians**
- **Pediatricians**
- **Physician Assistants**
- **Nurse Practitioners**
- **Public Health Practitioners (Nutritionists, Health Administrators)**

In some instances, **Obstetricians and Gynecologists (OB/GYN)** and doctors in **Emergency Medicine** are considered primary care providers.

Most doctors spend at least **8 MORE YEARS** in school after high school graduation.

8 out of 20 of the highest paying jobs are in the healthcare industry. SURGEONS, ORTHODONTISTS, ANESTHESIOLOGISTS and DENTISTS are among the TOP paying healthcare professions.

Pressure: Michigan, like most of the nation, is confronting a growing shortage of physicians. Workforce analysis authors predict a shortage of primary care physicians ranging from **12,500 to 31,100 by 2025.**

Temperature: Healthcare is **HOT!** More than **4 MILLION NEW JOBS** are expected to be added by 2022.

Largest Employer: Healthcare is the **LARGEST INDUSTRY IN MICHIGAN** in terms of employment.

Rapid Pulse: The **2** professions in high demand are **NURSES (590,000 new jobs)** and **HOME HEALTH AIDES/MEDICAL ASSISTANTS (600,000 new jobs)**.

(Source: U.S. Bureau of Labor Statistics, 2017)