



APRIL 12, 2016

COLLEGE OF HEALTH PROFESSIONS MAJORS & PROGRAMS SHOWCASE

Come join us!

The Majors and Programs Showcase is a great opportunity for you to explore a variety of Health Profession majors and graduate programs and to talk with professors and current students in each program. The Showcase will start with the professors giving a brief overview of their respective professions. Following these overviews, you will have the opportunity to tour the Cook DeVos Center for Health Sciences building, as well as network with professors and current students in your programs of interest. Rounding out the night, you will select one professor-led break-out session for an in-depth discussion about your specific area of interest, to ask your questions, and ultimately gain a better understanding of your future health career options.



**Talk with professors
and current
students!**

Cookies and Punch!

**Parking between
CHS and McDonalds!**

**Lab & Simulation
Tours!**

**Meet College of
Health Professions
Academic Advisors!**

COOK-DEVOS CENTER FOR HEALTH SCIENCES

301 Michigan Street NE
Hager Auditorium. CHS 119
Grand Rapids, MI 49503

www.gvsu.edu/chpss
(616) 331-5900

Tuesday, April 12, 2016
6:00 PM

Undergraduate Majors

Allied Health Sciences, B.S. *www.gvsu.edu/ahs*

The Allied Health Sciences (AHS) degree requires students to choose one of the following emphases:

American Sign Language Interpretation Emphasis *(Application Deadline: February 15th)*

Sign Language Interpreters are specially trained to facilitate communication between the deaf, hard of hearing, and hearing communities.

General Allied Health Sciences Emphasis

The general emphasis is for students who are undecided as to their career/education/employment goals. A minor, selected and approved by the student's academic advisor, is required for this emphasis.

Histotechnology Emphasis *(Application Deadline: February 15th)*

Histotechnology is a laboratory science concerned with the demonstration of cellular morphology, chemical composition and function of normal and abnormal tissue.

Pre-Health Professional Emphasis in Physical Therapy

Physical Therapists (PTs) are health care professionals who diagnose and treat individuals with health-related conditions, illnesses, or injuries that limit their ability to move and perform normal daily activities.

Pre-Health Professional Emphasis in Physician Assistant Studies

Physician Assistants (PAs) are health care professionals who practice under the supervision of physicians. PAs are formally trained to provide diagnostic, therapeutic, and preventative health care services as well as treating minor injuries.

Respiratory Care Emphasis

Respiratory Therapists provide direct patient care for those who have trouble breathing across a broad scope of reasons. The patients of Respiratory Therapists range from premature infants with undeveloped lungs, children and adolescents with asthma, to elderly patients with emphysema.

Pre-Speech Language Pathology Emphasis *(Application Deadline: January 15th)*

Speech language pathologists assess, diagnose, treat, and help to prevent speech, language and cognitive communication, voice, swallowing, fluency, and other related disorders.

Health Information Management, B.S.

(Application Deadline: March 1st)

Medical records and health information administrators assemble patients' health information including medical history, symptoms, examination results, diagnostic tests, treatment methods, and all other healthcare provider services.

Medical Laboratory Science, B.S. www.gvsu.edu/mls

(Application Deadline: February 15th)

Medical Laboratory Scientists (MLS) perform complex laboratory analyses on blood, tissue, and human bodily fluids. These laboratory tests play an important role in the detection, diagnosis and treatment of many diseases. Tests performed by the MLS focus on the major areas of hematology, coagulation, microbiology, immunology, clinical chemistry, and transfusion medicine.

Diagnostic Medical Sonography, B.S.

(Application Deadline: February 1st)

Diagnostic Medical Sonographers practice a form of medical imaging that sound waves and Doppler signal equipment to visualize subtle differences between healthy and pathological areas of the body, evaluate vascular flow, and document pathologic and other conditions. The sonographer must acquire excellent knowledge of sectional anatomy, clinical medicine, pathology and the use of sonographic instrumentation. Sonographers work collaboratively with radiologists and other physicians to produce differential diagnoses.

Choose an emphasis...

General Abdominal and Obstetrics-Gynecology or Echocardiography/Vascular

Radiation Therapy, B.S. www.gvsu.edu/rt

(Application Deadline: February 1st)

Radiation Therapy is an allied health specialty that uses ionizing radiation in the treatment of disease, especially cancer. The primary responsibilities of a radiation therapist include implementing treatment programs prescribed by a radiation oncologist and assisting in the planning of treatment with the medical dosimetrist and radiation physicist.

Radiologic & Imaging Sciences – Magnetic Resonance Imaging, B.S.

(Application Deadline: February 1st)

MRI Technologists practice a form of medical imaging that uses radiofrequencies and strong magnetic fields to visualize subtle differences between healthy and pathologic areas of the body. MRI provides more visualization of soft tissues than CT and is capable of examining more areas of the body than ultrasound. It also has the great advantage of avoiding all ionizing radiation exposure to the patient.

Therapeutic Recreation, B.S. www.gvsu.edu/tr

(Application Deadline: March 1st)

Therapeutic Recreation Specialists provide treatment services and recreation activities to persons with a variety of disabling conditions – social, emotional, cognitive, and physical. These activities are used to promote greater independence and ability to access community and recreation resources, thus improving quality of life. Settings for employment include hospitals, rehabilitation centers, long-term care facilities, adult day care, mental health centers, community parks and recreation centers, schools and camps.

Graduate & Doctoral Programs

Clinical Research Trials Management Certificate www.gvsu.edu/crtm

Grand Valley State University (GVSU) and Michigan State University (MSU) have teamed up to help prepare a clinical research workforce ready to meet these growing market needs by offering a joint online certificate program, the Graduate Certificate in Clinical Research Trials Management (CRTM). The certificate program is designed for both current clinical research professionals who are seeking to further their careers and students preparing for entry-level to mid-level positions.

Clinical Dietetics <http://www.gvsu.edu/grad/clinicaldiet/>

The primary role of a clinical dietician is to design nutrition programs to improve or maintain the health of patients in a clinical setting. These programs may be short-term, such as to ensure that proper nutrition is delivered to an accident victim until full healing has occurred. Or they may be long-term for patients with diabetes, kidney disease or old age conditions that affect proper nutrition. The programs designed may be preventive, for heart disease or obesity, or therapeutic to help a patient with heart disease maintain a baseline health and nutrition state.

Medical Dosimetry, M.S. <http://www.gvsu.edu/grad/dosimetry/>

(Application Deadline: January 1st)

When a cancer patient is prescribed radiation therapy, a medical dosimetrist determines exactly how to deliver the prescribed radiation dose. The medical dosimetrist first employs a 3-dimensional computer model to calculate exactly where and how to distribute the radiation. To minimize damage to surrounding tissues, the medical dosimetrist may decide to use beam modification devices to better target the radiation. Specialized equipment may be required to cover or immobilize parts of the patient's body to further protect against exposure.

Occupational Therapy, M.S. www.gvsu.edu/ot

(Application Deadline: January 15th)

Occupational Therapists help people to achieve meaningful occupations, which include the work, leisure, self-care tasks and roles that are part of everyday life. OTs promote and restore the health of people whose ability to engage in these daily tasks may be diminished. OTs work with persons with physical and mental impairments to enable these persons to function optimally and to be independent. Both 2 year full-time and 3 year hybrid programs are available.

Physician Assistant Studies, M.P.A.S. www.gvsu.edu/pas

(Application Deadline: September 15th)

Physician Assistants work under the direct supervision of doctors of medicine and/or osteopathy. The PA takes histories, performs physical exams, diagnoses and treats illnesses, gives medical advice, counsels patients and orders and interprets laboratory tests. PAs are trained in the medical model to complement the training of physicians, with whom they work closely. The responsibilities of the PA depends upon many factors, including state laws and regulations, education, experience and the setting in which he or she practices.

Physical Therapy, D.P.T. www.gvsu.edu/pt

(Application Deadline: October 15th)

Physical Therapists help people with physical impairments, functional limitations, and disabilities. The physical therapist conducts an examination, plans and provides treatment, and educates the person about his or her injury. Therapists also promote fitness and health to prevent future injury. PTs participate as health care team members with a variety of other professionals.

Public Health, M.P.H. www.gvsu.edu/grad/mph

(Application Deadline: February 1st)

The MPH degree will address multiple complex public health problems within its curriculum including those found in the proposed concentrations of epidemiology, health promotion, and public health administration. Students seeking an MPH will assess and monitor the health of populations in addition to access to health care services and prevention and the success of community health programs. By offering field experiences in public health practice, optional global learning in public health, problem-based learning, group/team assessments and practicum placements within the community the student will gain skills needed to be successful in the field.

Speech-Language Pathology, M.S. www.gvsu.edu/csd

(Application Deadline: January 15th)

Speech-Language Pathologists assess, diagnose and treat disorders related to speech and language as well as cognitive-communication, voice, swallowing and fluency. Speech and hearing scientists conduct research seeking to improve our understanding of speech, language and hearing so as to improve the quality of services provided to those with communication impairments.