



7/10

Approximately 7 out of 10 health-care professionals work in fields other than medicine and nursing.

Do you know the other members of your health-care team?



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According to the national Health Professions Network, about 70 percent of health professionals are employed in areas other than nursing and medicine.*

Modern Health-Care Delivery Requires a Team

As a contemporary health-care consumer, you're likely to receive care from a team of health professionals rather than a single person.

If you're having knee-replacement surgery, for example, in addition to the surgeon and nursing staff, you'll likely see a radiographer for preoperative X-rays and a physical therapist for follow-up care. Working behind the scenes will be health professionals who manage the hospital and your medical record.

This team-based approach has developed largely out of the growing complexity of health care. It's simply no longer possible for one person to have the expertise needed to diagnose, treat and prevent many medical conditions, let alone manage the facility, staff and information systems.

Today, the delivery of health care requires a team of professionals and support staff who work together to provide high-quality patient-care services.

**Based on recent data from the U.S. Bureau of Labor Statistics*

Who's on the Health-Care Team?

The professional health-care team consists largely of credentialed practitioners, health service administrators and information managers.

Practitioners have formal education and clinical training that enable them to obtain the certification, registration or license required to provide care in their area of expertise. They include the radiographer and physical therapist identified earlier, and other health professionals, such as respiratory therapists, occupational therapists, social workers, nutritionists, laboratory technicians, pharmacists, nurses and physicians.

Health service administrators and information managers are educated to oversee the business side of health care, including operations, finance, human resources, quality assurance and information systems. They work to ensure that organizations run smoothly.

Working closely with this team are support personnel, such as hospital aides and office assistants. These positions generally require less education and training but play an integral role in the delivery of health care.



Preparing for Careers in Health Professions

Health professionals must have a high level of knowledge and skill to assume the responsibilities that go with their positions. Consequently, the academic preparation for these careers is rigorous.

In some health professions, an increasingly higher level of education is required to become a credentialed practitioner. For example, physical therapists previously entered the profession with a master's degree. Now those who want to enter the profession should seek a Doctor of Physical Therapy degree.

Yet the rewards can be great. Health professionals are in high demand and have considerable job security. And many find their ability to contribute to the well being of others immensely gratifying.



Degree Programs in Health Professions at UCF

The University of Central Florida offers a variety of accredited degree programs that prepare students for careers in health care. Each program is carefully developed to meet the needs of students, many of whom are working professionals, and the health-care community.

Turn the page to meet graduates of these programs who are now successful members of health-care teams in Central Florida and beyond. ►



Do you know the other members of your health-care team?



Degree Programs

Bachelor of Science

- Health Sciences—Athletic Training Track
- Cardiopulmonary Sciences
- Health Information Management
- Health Sciences—Pre-Clinical Allied Health Track
- Health Services Administration
- Radiologic Sciences

Master of Science

- Health Sciences—Clinical and Lifestyle Sciences Track
- Health Sciences—Health Services Administration Track

Doctorate

- Physical Therapy (D.P.T.)*
- Public Affairs—Health Track (Ph.D.)

**Master of Science in Physical Therapy previously offered*



Do you know the other members of your health-care team?

Athletic Trainer

Tom Hines

B.S., Health Sciences—Athletic Training Track ('05),
ATC, LAT*



As a certified athletic trainer at a CORA rehabilitation clinic in Orlando, Tom Hines works closely with referring physicians — as well as parents, coaches, athletic trainers at schools and employers — to help injured athletes and workers in physically strenuous jobs return to their prior level of performance. Following his assessment of a patient, Hines develops and implements a therapy plan, which may include sports-specific exercises, bracing and taping, joint and soft-tissue mobilization, position-movement training, and electrical stimulation.

"There's nothing more satisfying than working with the physically active population to get them back to a competitive level."

— Tom Hines

*Professional certifications (ATC: Certified Athletic Trainer, LAT: Licensed Athletic Trainer)



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team?



Respiratory Therapist

Jaime Magnetico

B.S., Cardiopulmonary Sciences ('05), RRT*

Kathy Mahanke

B.S., Cardiopulmonary Sciences ('83), RRT,
NPS*

Tammie Carey

B.S., Cardiopulmonary Sciences ('04), RRT*



(Left to right) Magnetico, Carey and Mahanke

Jaime Magnetico and Tammie Carey are respiratory therapists in the Neonatal Intensive Care Unit at Winnie Palmer Hospital for Women and Babies in Orlando. They help critically ill infants with respiratory distress breathe with the assistance of ventilation devices and medical gas delivery systems. They also work closely with physicians to wean infants from assisted ventilation devices and with nurses to monitor vital signs and suction airway passages.

The hospital's NICU respiratory care manager, Kathy Mahanke ('83), began her career as a respiratory therapist with Orlando Regional Healthcare System in 1983. She now oversees 65 respiratory therapists working different shifts, providing specialized care around the clock.

"It's very rewarding to help babies go home, knowing you were part of making it happen."

— Jaime Magnetico

**Professional certifications (RRT: Registered Respiratory Therapist, NPS: Neonatal Pediatric Specialist)*



Do you know the other members of your health-care team?

Health Information Manager

Christina Martinez

B.S., Health Information Management ('98),
M.S., Health Sciences—Health Services
Administration Track ('05),
RHIA*

Managers like Christina Martinez enable Orlando Regional Healthcare System's health information management unit to operate 24 hours a day, seven days a week. She began her career at ORHS as a second- and third-shift supervisor. Today, she oversees five groups of employees who work to ensure that each patient's medical record is accurate and complete, scanned and saved electronically, and accessible only under tight security. She relies on the latest in technology to process the record and on sound management skills to establish policies and supervise her staff.



"I love the activity and diversity of this work ... ensuring that information is accurate and complete ... providing information to people when it's needed ... and working with the staff to meet our objectives."

— Christina Martinez



*Professional certification (RHIA: Registered Health Information Administrator)

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Lehner (left) with radiology site manager
Kristen Hickey at South Seminole Hospital



As an administrator for ancillary support services, Debbi Lehner has been responsible for multiple non-nursing specialty areas in hospital settings — initially at South Seminole Hospital in Longwood, Fla., and currently at Saint Vincent Hospital in Worcester, Mass. These areas include diverse operations such as radiology, physical therapy and food services. She says her acquired understanding of these operations, combined with knowledge and skills in administration, helps her ensure that each area runs smoothly. Lehner began working in health care as a certified radiologic technologist. She advanced in her career by earning bachelor and master's degrees.

"I really like the diversity of my job. I learn enough about each [specialty] area to be its champion."

— Debbi Lehner

Health Services Administrator

Debbi Lehner
B.S., Health Services Administration ('96)

*Lehner also has a Master of Business
Administration (M.B.A., '99) from UCF.*



Do you know the other members of your health-care team?

Health-Care Planning Executive

Karen van Caulil

Ph.D., Public Affairs–Health Track ('05)

Karen van Caulil is executive director of the Health Council of East Central Florida, a nonprofit planning agency in Oviedo, Fla., that aims to improve health-care services through research, education and program support. She draws on extensive experience in field research, data analysis and administration to identify health-care needs in the region and ways to meet these needs.

Health Services Researcher

Ayanna O'Connor

M.S., Health Sciences–Health Services Administration Track ('06)

Graduate intern Ayanna O'Connor worked closely with van Caulil to collect and analyze data on the health of residents living in selected zip codes in Orange County. The results are guiding efforts to meet each community's needs for health services.



van Caulil



O'Connor

"A lot of decisions made about health-care services have to be data-driven."

— Karen van Caulil

"Health services administration blends my interests in both business and medicine."

— Ayanna O'Connor



Do you know the other members of your health-care team?



Florida Hospital Orlando physical therapist Karlyn Dauplaise helps patients with disabling conditions resulting from accidents or debilitating illnesses. She works Monday through Friday, from 8 to 5, as well as one weekend a month. On a typical day, she reviews her patients' medical records, assesses their motor function and pain, and develops appropriate treatment strategies. She says she is very hands on with therapy, using her whole body to help patients restore their strength, range of motion, balance and coordination, and overall fitness.

"I am so blessed to have the knowledge and skills to help people ... I give absolutely everything I can."

— Karlyn Dauplaise

Physical Therapist

Karlyn Dauplaise

M.S., Physical Therapy ('06), PT*

A Doctor of Physical Therapy (D.P.T.) is now the entry-level degree offered at UCF.

**Professional certification (PT: Licensed Physical Therapist)*



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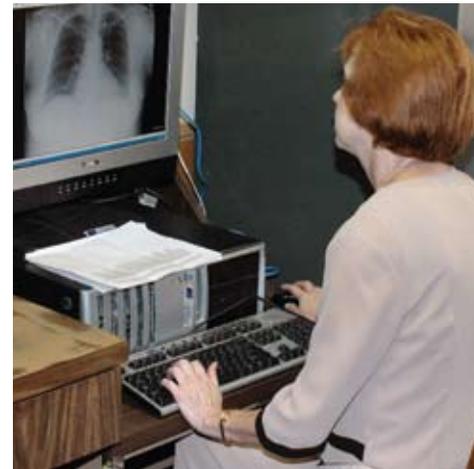
Radiographer

Darcie Nethery
B.S., Radiologic Sciences, ('83)
RT(R)*

Darcie Nethery is a radiographer and the education coordinator for the Halifax Medical Center Radiography Program in Daytona Beach, Fla. She says radiographers use a variety of imaging technologies — such as computed tomography (CT), magnetic resonance imaging (MRI) and mammography — to produce accurate images used by physicians and other health professionals to diagnose and treat injuries and disease. Some radiographers become specialists in an imaging technology; others specialize in areas such as radiation therapy. Those with a four-year degree in the field are well-positioned to advance into teaching, management, sales or registered radiologist assistant positions.

Nethery also has a doctorate in educational administration.

**Professional certification (RT(R): Registered Radiologic Technologist)*



"The constant challenges and innovations make the role of the radiographer exciting and fun."

— Darcie Nethery

Photos by Matt Haliman

New Programs in Health Professions at UCF

Recognizing the needs of a growing number of students interested in careers in health care, UCF recently revised its major in health sciences and launched a new master's degree program focusing on exercise and nutrition.

Health Sciences— Pre-Clinical Allied Health

The Bachelor of Science in Health Sciences—Pre-Clinical Allied Health Track provides students with the background needed to pursue a broad range of careers in health care. The curriculum includes the basic science courses in biology, chemistry and physics that are prerequisites for clinical health science programs such as occupational therapy, physical therapy and physician assistant. The program also offers

many electives that allow students to tailor the program to their specific interests in health. For example, students can use the major to prepare for graduate study in areas such as public health, environmental health, nutrition and exercise physiology.

Health Sciences— Clinical and Lifestyle Sciences

The Master of Science in Health Sciences—Clinical and Lifestyle Sciences Track is for individuals interested in understanding the role of exercise and nutrition in maintaining health and preventing chronic diseases. Students learn how to translate these concepts into programs that promote a healthy lifestyle, and they develop skills to participate in research on strategies to establish and maintain healthy lifestyles. Graduates of the program are eligible to take exams for certifications as an exercise specialist or a registered clinical exercise physiologist. They are likely to find employment in settings such as lifestyle medicine centers, large corporations, government agencies, private practices and public relations offices.



istock photo



Do you know the other members of your health-care team?



Learn more

To learn more about careers in health professions, visit www.healthpronet.org

To learn more about degree programs in health professions at UCF, visit www.cohpa.ucf.edu/health.pro/index.cfm

On the Cover

Pictured on the cover are (front to back) nurses Susanna Miller and Robin Cordis-Lewis and Dr. Michael Deichen. Philip Agostinelli, Kimberly Alvanos, Katherine Buchanio, Karen Guin, Mary Ann Harmony, Alba Mazo and Ken Takenaka posed for this image as well.

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