

- ▶ Are you a people person who thrives in a team environment?
- ▶ Does operating advanced medical technology intrigue you?
- ▶ Are you highly motivated and enjoy working independently?

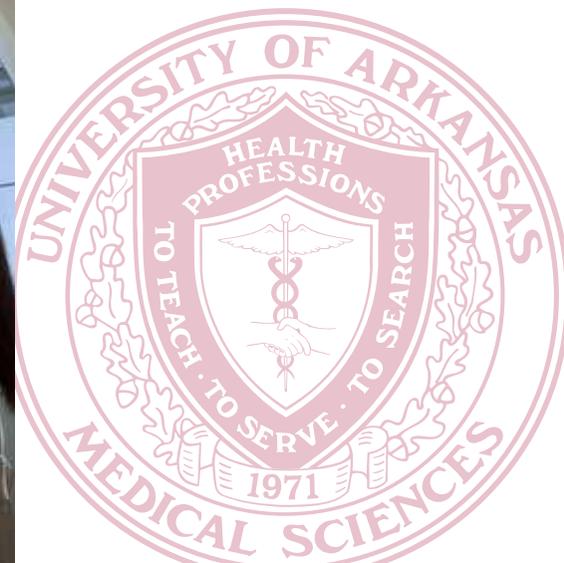
NUCLEAR MEDICINE TECHNOLOGISTS HELP PHYSICIANS DIAGNOSE DISEASES

“ I chose nuclear medicine because I felt that this was a field that would permit me to have a greater impact on patient care, allowing me to more positively affect the patient and their perception of health care. ”

Haley Lawrence, Bachelor of Science in Nuclear Medicine Imaging Sciences, Class of 2016

For more information, contact:

CHP Welcome Center at 501-686-5730
healthprofessions.UAMS.edu



UAMS

College of
Health Professions

4301 W. Markham St., #619
Little Rock, AR 72205

NUCLEAR MEDICINE IMAGING SCIENCES

UAMS

College of
Health Professions



A PIONEERING ONLINE PROGRAM FOR A HIGHLY SPECIALIZED FIELD

Since its inception in 1998, the accredited* Nuclear Medicine Imaging Sciences program at the University of Arkansas for Medical Sciences (UAMS) has used distance learning to train more than 400 graduates — with 98 percent passing the national board examination on the first attempt.

Nuclear medicine imaging sciences students learn how to use radioactive tracers to diagnose and treat a wide variety of abnormal conditions. Graduates earn a Bachelor of Science in Nuclear Medicine Imaging Sciences degree through a pre-professional component that lasts three years and the professional component that lasts one year.



*The Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT)

Nuclear Medicine Technologists Interpret Images to Assist in Patient Diagnosis

Technologists learn to:

- Perform bone scans to evaluate the spread of cancer in the body or to detect bone infections.
- Explain imaging procedures to the patient and answer questions.
- Follow radiation disposal and safety procedures and keep detailed records of procedures.
- Prepare and administer radiopharmaceuticals, operate radiation detection equipment and perform computer analyses.
- Analyze blood flow through the heart and create computerized imaging to map damaged heart tissue.

Excellent Education from Diverse, Experienced Faculty via Distance Learning

- Clinical education locations in Arkansas include Arkansas Children's Hospital, Cardinal Health Nuclear Pharmacy Services, Christus St. Michael Health System and John L. McClellan Veterans Hospital and others; also clinical affiliates in Texas, Missouri, Oklahoma and Louisiana.
- Classroom courses conducted via distance education, primarily through the Internet by faculty at UAMS, allow for students to learn from home.
- The program enables students to confidently possess the knowledge and skills necessary to safely perform a wide variety of clinical, radiopharmacy and radiation safety procedures.
- Graduates enter the work force with skills in radiopharmaceutical dosage, calculation and administration, the operation of imaging devices and operation of radiation detection monitoring devices.

Successful Technologists Combine Technical Knowledge with Effective Communication

- An aging population is expected to drive the need for nuclear medicine technologists to treat patients with such medical conditions as cancer and Alzheimer's disease.
- Graduates with additional skills in radiography, computed tomography, magnetic resonance imaging, sonography, laboratory and cardiac procedures make excellent candidates for employment.
- Technologists work closely with nuclear medicine physicians and other professionals in hospital settings or outpatient clinics.

Earn a Master of Imaging Sciences

Nuclear Medicine Advanced Associate is an interactive, distance learning program offered at UAMS. This master's level program is designed for experienced nuclear medicine technologists who have a strong desire to advance their careers by assuming increased clinical responsibilities and leadership skills.