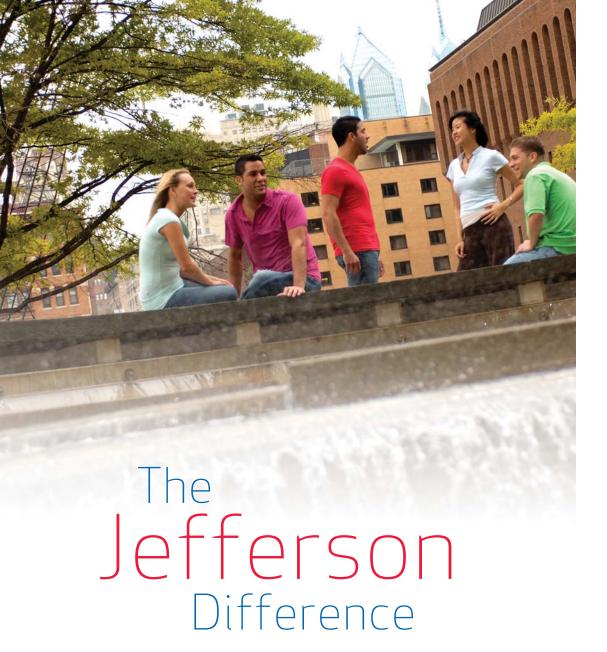
# **JEFFERSON**

College of Health Professions



# RADIOLOGIC SCIENCES



LOOKING FOR A PRESTIGIOUS HEALTHCARE DEGREE? YOU'VE

COME TO THE RIGHT PLACE. JCHP GRADUATES ARE RECOGNIZED

THROUGHOUT THE COUNTRY AS LEADERS IN EDUCATION, RESEARCH,

HEALTHCARE DELIVERY, AND COMMUNITY SERVICE.

#### A Legacy for Learning

Jefferson College of Health Professions (JCHP) is an integral part of one of the nation's oldest academic health centers, Thomas Jefferson University, which also includes Jefferson Medical College and Jefferson College of Graduate Studies. JCHP has three schools: a School of Health Professions (consisting of Departments of Bioscience Technologies, Couple and Family Therapy, General Studies, Occupational Therapy, Physical Therapy, and Radiologic Sciences), a School of Nursing and a School of Pharmacy (scheduled to start in fall 2008).

#### Who attends JCHP?

Most students enroll at JCHP after completing required coursework at another college. Some students attend or prepare for JCHP immediately after high school, through associate degree programs and partnerships with other colleges.

#### Real-world experience

JCHP students attend more than a university—they are part of one of the nation's few academic health centers. Thomas Jefferson University offers a variety of research and clinical training opportunities through the Jefferson

Health System and more than 1,800 sites in Pennsylvania, New Jersey, and Delaware.

#### A vibrant location

JCHP students live and learn in Philadelphia's dynamic urban environment. Our campus is in the historic heart of Center City, home to museums, clubs, restaurants, shopping, and an ever-

changing list of events—from concerts, to theater, exhibitions, and more.

To learn more about the Jefferson Difference, visit www.jefferson.edu/jchp  $\,$ 

RADIOLOGIC SCIENCES AT JCHP **IMAGING** MODALITIES **GRADUATES & FACULTY PROGRAM OPTIONS** 1-YEAR AP 2-YEAR **MULTICOMPETENCY 14** SPECIAL PROGRAMS **PREREQUISITES** & CURRICULUM STUDENT LIFE **APPLYING** TO JEFFERSON **JUITION &** FINANCIAL AID



CHP RADIOLOGIC SCIENCES



# a distinguished program

#### Jefferson's Radiologic Sciences program

- is one of the few in the U.S. to offer a wide variety of medical imaging and therapy programs at the baccalaureate level
- offers 11 different imaging specialties
- is internationally recognized as a pioneer in sonography education.

#### Unique opportunities

#### Jefferson Rad Sci students

- choose from more than 80 top-notch clinical sites to gain practical expertise
- enjoy top-quality instruction from professors like the worldrenowned physician Barry Goldberg, MD.

#### Proven pathways to success

#### Recent JCHP Rad Sci graduates

- enjoy 98% job placement rates 6 months to a year following graduation
- earn starting salaries ranging from \$40,000 to \$73,840.



**JEFFERSON** 





A student reviews the operation parameters before taking an x-ray.

# A Full Spectrum of Imaging Modalities

Radiologic sciences professionals work with sophisticated equipment used to diagnose and treat diseases in a variety of environments—from hospitals and industry to outpatient imaging facilities. Knowledgeable about physics, human anatomy, physiology, and disease processes, these compassionate individuals enjoy direct patient contact that requires strong interpersonal skills.

Jefferson's Department of Radiologic Sciences programs prepare students for roles as highly skilled professionals in imaging technology and/or therapy. Recent trends in healthcare delivery show a need for professionals in this highly technical, ever-evolving field to be skilled in more than one modality. At JCHP, students have the unique opportunity to study 2 of the following 10 modalities.

#### Medical Dosimetry

Medical dosimetry is a subspecialty of radiation oncology (radiotherapy treatment to treat cancer) that deals with treatment planning, dose measurement, dose calculations, and quality assurance. Medical Dosimetrists

- plan and calculate ionizing radiation, under the direction of a medical physicist
- maintain the equipment and fabricate modifying devices
- are involved in clinical research for the development and implementation of new techniques.

#### Radiation Therapy

Radiation therapists treat disease with penetrating beams of high-energy radiation. These members of the cancer management team administer, record, and interpret treatment prescribed by radiation oncologists.

#### General Sonography

Commonly called ultrasound, general sonography uses high-frequency sound waves to produce dynamic visual images of organs, tissues, or blood flow. Sonographers use specialized equipment to create images that physicians interpret for medical diagnosis. They have extensive contact directly with healthy and critically ill patients. Sonography

- images the abdomen, pelvis, reproductive system, breast, superficial structures and associated blood vessels
- is used to guide fine-needle tissue biopsy.

#### Cardiac Sonography

This procedure uses high-frequency sound waves to diagnose cardiovascular disease. Cardiac Sonography produces a real-time view of the heart chambers, valves, muscle, and blood vessels. A cardiac sonographer (or echo cardiographer) is instrumental in evaluating congenital and acquired cardiac abnormalities and associated complications. Cardiac Sonography

- determines causes of chest pain
- tracks and evaluates chronic heart conditions
- · diagnoses narrowed or leaking heart valves
- determines the need for intervention and evaluates the effectiveness of previous treatment.

#### Vascular Sonography

Vascular Sonographers acquire information related to blood vessel anatomy and physiology—cerebral, peripheral, and abdominal circulation—to assist physicians in diagnosing disorders of the vascular system. Although ultrasound is the most common, a wide range of other instruments also measure blood pressure, limb volume changes, and oxygen saturation.

#### Computed Tomography

Computed tomography (CT, or CAT scan) uses X-rays to produce high-resolution, cross-sectional images of the body. This specialty continues to provide the majority of tomographic imaging in a radiology department. Recent innovations include spiral/helical and multislice ultrafast CT scanning techniques.

**JEFFERSON** DIFFERENCE RADIOLOGIC SCIENCES AT JCHP **IMAGING MODALITIES GRADUATES & FACULTY PROGRAM OPTIONS** 12 1-YEAR AP 2-YEAR **MULTICOMPETENCY 14** SPECIAL PROGRAMS & CERTIFICATION 15 **PREREQUISITES** & CURRICULUM STUDENT LIFE **APPLYING** TO JEFFERSON **TUITION &** FINANCIAL AID

ICHP RADIOLOGIC SCIENCES

#### Invasive Cardiovascular Technology

Invasive cardiovascular technologists study the theory of techniques used in diagnosis, treatment, and follow-up of cardiovascular disease. They assist in the care of patients during procedures, including cardiac catheterization—a specialized study of the heart and coronary arteries by which a cardiologist inserts a tiny catheter into a chamber or vessel of the heart, under X-ray guidance, to perform diagnostic or treatment procedures.

#### Magnetic Resonance Imaging

MRI uses low-energy electromagnetic waves in conjunction with a magnetic field to create high-resolution images of the human body. MRI offers superior inherent tissue contrast resolution, direct multiplanar imaging capability, and multiparametric image intensity. A dynamic field that is still in its infancy, MRI offers ample opportunities for growth and advancement.

### Unique Professional Opportunities

In lieu of studying a second
Radiologic Sciences modality, multicompetency students can minor in
one of the following non-imaging
educational options
during the second year:

- Education
- Health Management
- Healthcare Information Systems

These programs—offered by no other university—allow students to enhance their imaging skills to the advanced level, while augmenting their education with skills in management, education, or information systems.

#### Nuclear Medicine

Nuclear medicine uses trace amounts of radioactive materials (radiopharmaceuticals) to image organ function and metabolism. These imaging procedures often identify abnormalities very early in the progression of a disease, before other diagnostic tests make them apparent. This allows early treatment and often results in a more successful prognosis.

#### Radiography (X-ray)

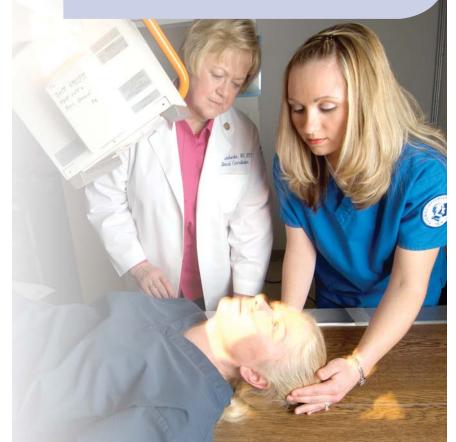
This indispensable diagnostic tool of modern medicine uses X-rays to produce images of tissue, organs, bones, and vessels. The radiographer is responsible for accurately positioning the patient and applying only the amount of radiation necessary to produce high-quality images. The radiographer understands the characteristics of radiation, its biological effects, and the methods of reducing patient and operator exposure while obtaining optimal diagnostic information.

#### PET/CT

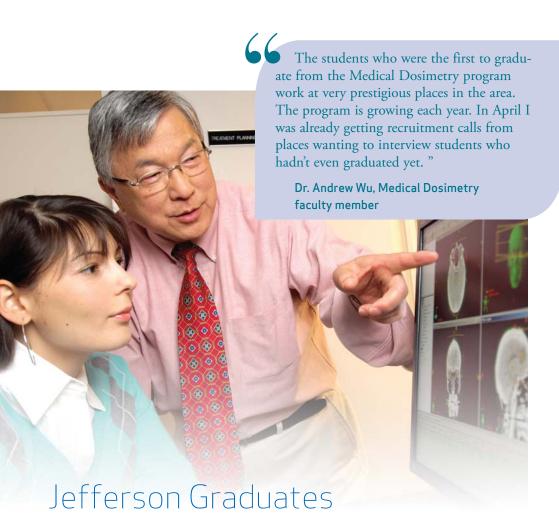
This new technology combines the modalities of PET, which shows metabolism and function of cells, and CT, which shows detailed anatomy. The PET/CT scanner produces highly defined three-dimensional images that improve detection of cancer and show the exact location within the body. Jefferson offers the first formal PET/CT curriculum in the nation. This certificate program is designed for individuals who are certified in Nuclear Medicine.

As part of my Bachelor's degree I'm taking management classes, which will equip me to run a radiology department. I found out about this option because the department chair suggested it to me. She always encouraged me and was tuned in to what I was contemplating. Now I feel prepared not just for a job, but for my future."

Lori Gaynor, 2nd-year Radiologic Sciences student



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# Are in Demand

Students in JCHP's Radiologic Sciences program are virtually guaranteed a job upon graduation. That's because employers know Jefferson's reputation for educating capable professionals with the real-world skills to be an immediate asset to their staffs. JCHP prepares students by providing practical hands-on training through clinical rotations and innovative experiences.

Each year, Jefferson students present original research abstracts or scientific posters at the national professional societies' annual meetings. Our students consistently take top honors, which opens doors to higher salaries and increased job opportunities.

Graduates pursue careers in a variety of areas, including clinical practice, education, research, management, or sales. Students in all programs must take a national examination to become certified in their specialization.



#### Jefferson students:

- are often in a position to choose from many different job opportunities
- benefit from the help of our experienced Career Development Center,
   which offers resume review, mock interviews, career assessments, and
   other support
- attend job fairs twice each year, providing access to almost 400 facilities from across the country
- network with alumni at panel discussions and other special events throughout the year.

**JEFFERSON DIFFERENCE** RADIOLOGIC SCIENCES AT JCHP **IMAGING** MODALITIES **GRADUATES & FACULTY PROGRAM OPTIONS** 1-YEAR AP 2-YEAR **MULTICOMPETENCY 14** SPECIAL PROGRAMS & CERTIFICATION 15 **PREREQUISITES** & CURRICULUM STUDENT LIFE **APPLYING** TO JEFFERSON **TUITION &** FINANCIAL AID

"You have a Radiologic Sciences degree from Jefferson? When can you start?"

# Faculty Accomplishments

JCHP's Radiologic Sciences department employs highly credentialed faculty members who bring expertise and inspiration into the classroom, laboratory, and clinical settings. Students enjoy classes and 1-on-1 lab sessions with expert faculty members whose work has defined their fields.

The faculty are published in the most competitive professional journals and serve as advisors for organizations like the Society of Diagnostic Medical Sonography and the American Society of Radiologic Technologists. They regularly present their work at national and regional conferences.

To learn more about specific faculty achievements, visit www.jefferson.edu/jchp/di/fac.cfm

# The Highest

# Degree of Radiologic Sciences

If you	then consider the
are in high school	PACE program
have 50 prerequisite credits	2-year Multicompetency BS option
have a baccalaureate degree in a field	
other than radiologic sciences	1-year Advanced Placement BS option
have an allied health certification	1-year Advanced Placement BS option
have a baccalaureate degree and you	1-year executive-style MS or
are a radiologic sciences professional	1-year Advanced Placement BS option
are certified in Nuclear Medicine	
(CNMT or ARRT(N))	1-year PET/CT Certificate Program

#### Jefferson offers:

- 2 Bachelor of Science (BS) pathways:
   2-year Multicompetency (MC) option
   1-year Advanced Placement option,
   for students with a baccalaureate
   degree or allied health certification
- Executive-style Master of Science in Radiologic and Imaging Sciences, either:
  - 1-year full time 2-years half-time
- 1-year PET/CT Certificate Program



#### One-Year Advanced Placement (AP) Programs

These programs are offered on a full-time basis for 12 months, starting in September. To be eligible, students must either have a baccalaureate degree or be certified in or have graduated from an accredited program in the radiologic sciences or allied health. Students earn a BS in Radiologic Sciences upon completion of the program.

Students who have a baccalaureate degree and have completed prerequisite coursework (see page 16) are eligible to apply to the following AP programs:

- Cardiac Sonography
- General Sonography
- Magnetic Resonance Imaging
- Medical Dosimetry
- Nuclear Medicine
- Radiation Therapy
- Radiography
- Vascular Sonography

Students who have certification in or have graduated from an accredited program\* in radiologic sciences or allied health and have completed prerequisite coursework (see page 16), may apply to the following AP programs:

- Cardiac Sonography
- Computed Tomography [requires RT(R), RT(T), or AART registry eligibility]
- General Sonography
- Invasive Cardiovascular Technology [requires RT(R), AART registry eligibility]
- Magnetic Resonance Imaging
- Medical Dosimetry
- Nuclear Medicine
- Radiation Therapy
- Radiography
- Vascular Sonography

OUTSIDE THE U.S.:
CONJOINT SECRETARIAT OF

AUSTRALIAN INSTITUTE OF

RADIOGRAPHY

CANADIAN MEDICAL ASSOCIATION

JEFFERSON DIFFERENCE

RADIOLOGIC SCIENCES AT JCHP 4

IMAGING

FACULTY

**PROGRAM** 

**OPTIONS** 

1-YEAR AP

**MULTICOMPETENCY 14** 

SPECIAL PROGRAMS

**PREREQUISITES** 

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& CERTIFICATION 15

2-YEAR

MODALITIES

GRADUATES &

\* THE PROGRAM MUST BE ACCREDITED BY ONE OF THE FOLLOWING AGENCIES: IN THE U.S.:

CAAHEP (COMMISSION ON ACCREDITATION OF ALLIED HEALTH EDUCATION PROGRAMS)
JRCDMS (JOINT REVIEW COMMITTEE ON EDUCATION IN DIAGNOSTIC MEDICAL SONOGRAPHY)
JRCCVT (JOINT REVIEW COMMITTEE ON EDUCATION IN CARDIOVASCULAR TECHNOLOGY)
JRCERT (JOINT REVIEW COMMITTEE ON EDUCATION IN RADIOLOGIC TECHNOLOGY)
JRCNMT (JOINT REVIEW COMMITTEE ON EDUCATION IN NUCLEAR MEDICINE TECHNOLOGY)
ONE OF THE 6 REGIONAL ACCREDITING ORGANIZATIONS

For more information about advanced placement programs and prerequisites, visit www.jefferson.edu/jchp/di/bac.cfm

The people I work with at my clinical sites are so committed to seeing me succeed. They are really helpful and give me a lot of personal attention. I know I'm getting a good education with this kind of clinical experience."

Andrea Wood, 2nd-year Rad Sci student

#### Two-Year Multicompetency (MC) Programs

This program allows students who do not have an education in the radiologic sciences or in a health discipline to acquire training in a combination of modalities, resulting in a BS in Radiologic Sciences.

The program has 7 first-year options and a number of second-year choices. To ensure that a certain combination meets all prerequisite requirements (see page 16), students must consult a JCHP admissions counselor or a Radiologic Sciences faculty member.

#### **IMAGING OPTIONS**

Cardiac Sonography\*
Computed Tomography\*
General Sonography\*
Invasive Cardiovascular
Technology\*
Magnetic Resonance\*
Imaging
Nuclear Medicine\*
Radiography\*
Vascular Sonography\*

#### RADIATION ONCOLOGY OPTIONS

Medical Dosimetry<sup>†</sup>

Radiation Therapy\*

Healthcare Information

Systems†
\*FIRST YEAR ONLY

Education\*

\* FIRST YEAR ONLY † SECOND YEAR ONLY

NON-IMAGING OPTIONS

Health Management<sup>†</sup>

For more information about the 2-year multicompetency program and a complete list of program combinations, visit www.jefferson.edu/jchp/di/bac.cfm

# Imaging is such a wonderful field that is growing rapidly. I'm in my 50s now, and entered the field of imaging when I was 42. It's a great career for women, and it's never too late to start!" Bernice Gallagher, Radiologic Sciences alumni

#### Special Programs & Certification

#### Master of Science in Radiologic and Imaging Sciences

The nation's only executive-style graduate program in Radiologic Sciences is designed for working professionals. Students focus on education, management or PET/CT (for graduates of nuclear medicine programs). The 12-month program requires one weekend per month:  $\frac{1}{2}$  day Friday, Saturday,  $\frac{1}{2}$  day Sunday, and independent study. The 2-year,  $\frac{1}{2}$  time program, requires one Friday evening and one Saturday morning per month. Students must have a baccalaureate degree and experience in the profession. Class size is limited.

#### PET/CT Certificate Program

This 12-month, part-time program is the first formal PET/CT curriculum in the nation. In the fall and spring, students attend class 2 nights a week. In the summer, students complete their clinical competencies in CT and PET. Eligible students must be certified in Nuclear Medicine (CNMT or ARRT(N)). Graduates may be eligible to take the ARRT(CT) and/or NMTCB PET certification exams.

#### **Professional Certification**

Graduates of the Department of Radiologic Sciences are eligible to take the associated certification examinations (as applicable) of:

Graduates are eligible to take the associated certification examinations (as applicable) of:

- American Registry of Radiologic Technologists (ARRT)
- American Registry of Diagnostic Medical Sonographers (ARDMS)
- Cardiovascular Credentialing International (CCI)
- Medical Dosimetrist Certification Board (MDCB)
- Nuclear Medicine Technology Certification Board (NMTCB)

Students who pass these examinations receive national certification. The average pass rate on certification exams for Jefferson students is 85 to 100%, depending on modality.

# 100%, depending on modality. Programs for High School Students

Ahead of the PACE

For high school students who are committed to a career in radiologic sciences, Plan a College Education (PACE) provides a seamless transition from high school to lower-division and upper-division college study. If accepted to PACE, high school seniors are guaranteed admission to JCHP in their junior year of college, as long as they have completed the prerequisite courses and have maintained an appropriate grade point average. Throughout the freshman and sophomore years of college, JCHP stays in touch with PACE students, checking their progress and easing their transition with workshops and special programs.

## 3+1 BS/BS in Radiologic Sciences program

Jefferson and Immaculata University have partnered to offer a dual degree program in allied health and radiologic sciences. During the senior year of high school students can apply to Immaculata University where they will spend 3 years working toward a BS in Allied Health. As long as all required coursework is completed, students will transition to Jefferson where they will complete the BS in Radiologic Sciences in 1 year.

For additional admissions information (policies for admissions, transfer or credits and other requirements) visit the Web site (www.jefferson.edu/jchp/admissions/partners.cfm).



#### Prerequisites

	MEDICAL	NUCLEAR	ALL OTHER
COURSE	$\mathbf{DOSIMETRY}^1$	MEDICINE 1	PROGRAMS
Anatomy & Physiology 2,3	8	8	8
Chemistry 2,3	N/A	8	N/A
Physics 3,4	8	4	4
College Algebra, Pre-Calculu	s,		
Calculus, or Trigonometry	6	3	3
Medical Terminology	3	3	3
English Electives	6	6	6
Electives (Arts, Humanities,			
Social Sciences)	19	18	26
TOTAL CREDITS	50	50	50

ADVANCED PLACEMENT OR AS PART OF THE TWO-YEAR MULTICOMPETENCY PROGRAM.

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In addition to meeting all academic requirements, students must meet all technical standards for the program. Refer to the online JCHP Catalog for details, http://jefferson.edu/jchp/studentlife/cat.cfm or 215-503-8890.

## Curriculum Overview

This chart provides a sampling of the courses available in each of the modalities. For complete curriculum information, please visit

www.jefferson.edu/jchp/di/bac.cfm

Ultrasound Physics

Noninvasive Testing Principles and Procedures

Cardiovascular Physiology

Cardiac Principles

Cardiac Procedures

Cross-Sectional Anatomy

CT Physics and Instrumentation

Digital Imaging

**CT Procedures** 

Ultrasound Physics

Cross-Sectional Anatomy

Sonography Procedures

Obstetrical Sonography

Clinical Sonography

Cardiovascular Physiology

Invasive Procedures

Cardiovascular Pharmacology

Radiographic Physics and

Instrumentation

Radiobiology and Health Physics

Cross-Sectional Anatomy

Patient Care and Safety

MRI Physics and Instrumentation

Clinical MRI

Digital Imaging

Sectional Anatomy

Radiation Therapy Physics

Clinical Dosimetry

Introduction to Radiobiology

Brachytherapy

Medical Nuclear Physics

Radiochemistry and

Radiopharmaceuticals

Nuclear Medicine Procedures Radiation Protection

Sectional Anatomy

Radiation Therapy Physics

Radiation Protection

Radiation Therapy Principles and

Procedures

Introduction to Radiologic Sciences

Radiographic Pathology

Radiobiology and Health Physics

Radiographic Imaging Principles

Radiographic Procedures

**Ultrasound Physics** 

Vascular Anatomy

Vascular Procedures

Cardiovascular Physiology

Vascular Principles

**JEFFERSON** DIFFERENCE RADIOLOGIC SCIENCES AT JCHP 4 IMAGING MODALITIES **GRADUATES & FACULTY PROGRAM OPTIONS** 12 1-YEAR AP 2-YEAR **MULTICOMPETENCY 14** SPECIAL PROGRAMS & CERTIFICATION 15 **PREREQUISITES** & CURRICULUM STUDENT LIFE APPLYING TO JEFFERSON **& NOITIUT** FINANCIAL AID 22

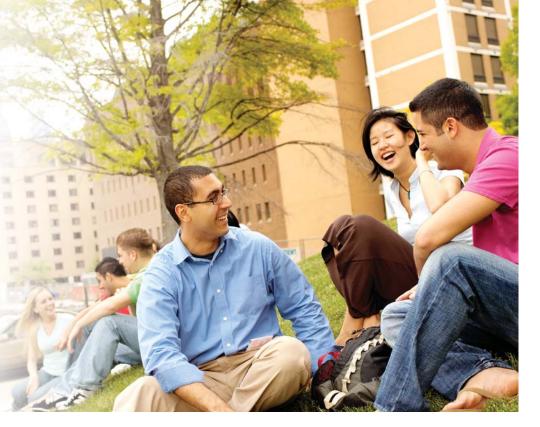
#### $^{\,1}\,$ REQUIRED FOR STUDENTS WHO CHOOSE MEDICAL DOSIMETRY OR NUCLEAR MEDICINE FOR THE ONE-YEAR

JCHP RADIOLOGIC SCIENCES

<sup>&</sup>lt;sup>2</sup> MUST MEET REQUIREMENTS FOR SCIENCE MAJORS.

<sup>&</sup>lt;sup>3</sup> MUST BE COLLEGE-LEVEL. SCIENCE COURSES TRANSFER FOR UP TO 10 YEARS.

<sup>&</sup>lt;sup>4</sup> NEED NOT BE CALCULUS-BASED.



# Student life

Discover the City That Loves You Back

AS A JCHP STUDENT, YOU'LL HAVE THE BENEFITS OF PHILADELPHIA'S

COSMOPOLITAN CULTURE AT YOUR FINGERTIPS. IT COULD TAKE A

LIFETIME TO DISCOVER ALL THAT THIS DYNAMIC CITY HAS TO OFFER.

#### Culture

The college is conveniently located within walking distance of the city's historical sites, world-renowned museums, theater, and athletic events. You'll explore:

- Independence Hall and the Liberty Bell
- Phillies baseball, Eagles football, Flyers hockey, and 76ers basketball at the city's Sports Complex in South Philadelphia
- Philadelphia Museum of Art, The Franklin Institute, and The Philadelphia Zoo
- The U.S. Mint and the National Constitution Center
- Philadelphia's Academy of Music, home to the Pennsylvania Ballet and the world-famous Philadelphia Orchestra

#### Cuisine

Whether you're looking for a Philly cheese steak or a five-star restaurant, just step outside your door at Jefferson and find restaurants for every taste and budget.

Nearby in Old City Philadelphia

#### Clubs

Discover Philly's hot nightspots, where you'll find a rich culture of jazz, blues, and rock performers.

#### Couture

Shop 'til you drop! The city's boutiques and hundreds of retail outlets are nearby—and there's no sales tax on clothing.

#### Campus activities

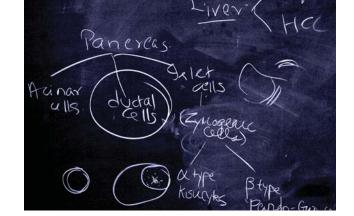
You don't have to leave campus to have fun! We have more than 100 student organizations, from the African-American Student Society to the Water Polo Club. Dip your toes in the pool at the Jefferson/IBC Wellness Center, which also offers hiphop dance classes, scuba lessons, massage therapy, and more!

www.jefferson.edu/activities/activities guide

**JEFFERSON DIFFERENCE** RADIOLOGIC SCIENCES AT JCHP 4 **IMAGING** MODALITIES **GRADUATES & FACULTY PROGRAM OPTIONS** 12 1-YEAR AP 2-YEAR **MULTICOMPETENCY 14** SPECIAL PROGRAMS & CERTIFICATION 15 PREREQUISITES & CURRICULUM STUDENT LIFE **APPLYING** TO JEFFERSON **TUITION &** FINANCIAL AID 22

For a complete list of student activities, visit:

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# Applying to Jefferson

#### When to Apply

Admission is on a rolling basis and is divided into Admissions Review periods, outlined below. Admission to all Radiologic Sciences programs is only available for the Fall semester.

Semester	Students who submit all application materials by the following postmark date	Will receive an admissions decision by the date listed below
Fall 2008 – Early Admissions Review Period	October 31, 2007	December 15, 2007
Fall 2008 – 1st Admissions Review Period	January 21, 2008	February 22, 2008
Fall 2008 – 2nd Admissions Review Period (space available basis)	March 15, 2008	April 18, 2008
Fall 2008 – 3rd Admissions Review Period (space available basis)	May 1, 2008	June 15, 2008
Fall 2008 – Final Admissions Review Period (space available basis)	July 15, 2008	August 1, 2008

To be considered for a particular review period, all application materials must be postmarked by the indicated date. Preference is given to complete applications that meet the postmark dates; however, we will accept applications as long as space is available. All students who meet the postmark date for the consideration period will have the same chance of earning acceptance to their respective program regardless of whether the application was received at the beginning or the end of the consideration period.

You need not complete all prerequisites before you apply, but they must be completed before you enter the program. You may also earn credits through standardized tests, including CLEP. Admission is competitive, as there are a limited number of seats in each class.

#### Apply Online

Visit www.jefferson.edu/jchp/admissions and click the "Apply Online" icon. (The \$50 application is reduced to \$25 for all students who apply online.)

For high school students, 3+1 program admission is available through Immaculata University. For details visit www.jefferson.edu/jchp/admissions/partners.cfm.

#### Application Requirements for Admission\*

- Completed application
- \$50 application fee (Reduced to \$25 for students who apply online.)
- Official transcripts from all education institutions attended
- 2 letters of recommendation
- Essay/personal statement
- Demonstration of English Language Proficiency
- An interview is required for all academically eligible applicants

\*JCHP uses the self-managed application process. Details are outlined in both the paper and online application instructions.

In addition to meeting all academic requirements, students must meet all performance standards for the program. Refer to the online JCHP Catalog for details, www.jefferson.edu/jchp/studentlife/cat.cfm

Criminal background check and child abuse clearance required for accepted students; see notice on page 23.

**JEFFERSON DIFFERENCE** RADIOLOGIC SCIENCES AT JCHP 4 **IMAGING** MODALITIES **GRADUATES & FACULTY PROGRAM OPTIONS** 12 1-YEAR AP 2-YEAR **MULTICOMPETENCY 14** SPECIAL PROGRAMS & CERTIFICATION 15 **PREREQUISITES** & CURRICULUM STUDENT LIFE APPLYING TO JEFFERSON **TUITION &** FINANCIAL AID

JCHP

#### Admissions Questions?

Call toll free 877-JEFF-CHP (533-3247) or e-mail JCHP@jefferson.edu

#### Requirements for Non-U.S. Citizens

An evaluation of foreign transcripts by the World Education Service (WES) is required.

All international students and U.S. permanent residents must demonstrate English language proficiency as one of the conditions for admission to Jefferson College of Health Professions. JCHP will accept any *one* of the following items to satisfy the proficiency requirement:

- 1. Internet-based TOEFL with an overall score of at least 87 and individual section scores as follows: Writing—21, Speaking—23, Reading—21 and Listening—22.
- 2. Baccalaureate degree or higher from an accredited U.S. college or university.
- 3. U.S. national or state licensure or certification in a nursing or allied health field.\*
- 4. Score of 508 or higher on the Critical Reading (formerly Verbal) section of the SAT for applicants entering JCHP directly from high school.
- 5. Native English speaker from one of the following countries: Australia, Canada, Ireland, New Zealand, South Africa or United Kingdom
- \* Certain certifications may not be sufficient to demonstrate proficiency. For nursing students, only state licensure will be accepted.

## Tuition & Fees

(2007-2008 Academic Year)

Undergraduate Full-Time Comprehensive Fee\$ 23,685
Executive MS, Radiologic and Imaging Sciences Comprehensive Fee
Information Technology Fee\$200
Library Fee\$200
Radiologic Sciences Lab Fees (undergraduate students)\$100

# Financial Aid

Jefferson College of Health Professions is committed to providing a highquality education at an affordable price. More than three-quarters of our students receive some form of financial assistance through a combination of federal, state, institutional and private loans; scholarships; grants; and work-study programs.

The University Office of Financial Aid works closely with students to identify resources to help meet educational costs. To ensure that your financial aid funds are received by the tuition due date, financial aid applications should be completed by May 1 for fall-term students and August 1 for spring-term students.

If you have questions about financial aid opportunities or the application process, please contact the University Office of Student Financial Aid:

Phone: (215) 955-2867

E-mail: financial.aid@jefferson.edu

Web site: www.jefferson.edu/financialaid

#### THOMAS JEFFERSON UNIVERSITY is

committed to providing equal educational and employment opportunities for all persons without regard to race, color, national or ethnic origin, marital status, religion, sex, sexual orientation, gender identity, age, disability or veteran's status.

#### IMPORTANT NOTICE

Students who are offered admission to Jefferson are required to have a criminal background check and child abuse clearance. The Office of Admissions will provide you with the appropriate information to complete this requirement.

Clinical rotation and fieldwork sites that require a criminal background check and/or child abuse clearance may deny a student's participation in the clinical experience, rotation or fieldwork because of a felony or misdemeanor conviction or a record of child abuse. Clinical sites may also deny participation in clinical experiences for other reasons, such as failure of a required drug test, or inability to produce an appropriate health clearance. As participation in clinical experiences, rotations or fieldwork is a required part of the curriculum and a requirement for graduation, denial of participation by a clinical site may result in delay of graduation or the inability to graduate from the program.

Regardless of whether or not a student graduates from Jefferson, individuals who

have been convicted of a felony or misdemeanor may be denied certification or licensure as a health professional. Information regarding individual eligibility may be obtained from the appropriate credentialing bodies.

#### **ACCREDITATION**

The educational programs of the Department are approved by the University administration. The General Sonography, Cardiac Sonography and Vascular Sonography Programs are accredited by the Commission on Accreditation of Allied Health Educational Programs (CAAHEP) in collaboration with the Joint Review Committee on Education in Diagnostic Medical Sonography (JRCDMS). The Radiography and Radiation Therapy Programs are accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

All program information, accurate at time of publication, may be subject to change. Please check our Web site for the most current information: www.jefferson.edu/jchp

Office of Admissions

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