Providence Hospital

School of

Diagnostic Medical Sonography

Program Booklet

16001 W. Nine Mile Rd.
Southfield, Michigan 48075
(248) 849-5385
http://www.stjohnprovidence.org/AlliedHealth/Sonography/
Dear Potential Candidate,

Thank you for inquiring about the Providence Hospital School of Diagnostic Medical Sonography in the St. John Providence Health System, which is part of Ascension Health. This booklet describes the admission policies, general program content, plus many other specific details concerning the **January 2018** sonography program.

The sonography program has been in existence since 1977 and is sponsored by Madonna University under accreditation of the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and Joint Review Commission on Education in Diagnostic Medical Sonography (JRCDMS). The American College of Radiology (ACR) for general and vascular ultrasound accredits the Providence Ultrasound Department and the American Institute of Ultrasound in Medicine (AIUM) accredits the Providence Maternal Fetal Medicine Department. We are a unique hospital-based program in that we are accredited in both general and vascular sonography; one of only a few in the United States.

The ultrasound department at Providence Hospital is a "state of the art" medical facility with a highly qualified team of medical professionals that are committed to excellence. Our sonography program is comprehensive and dynamic with many graduates employed within the St. John Providence Health System and throughout the Metro Detroit medical community.

Please review the program booklet provided and if you meet the requirements that are listed, **you must complete all necessary admissions procedures by June 1, 2017**. The interview process will take place in mid to late July with up to four students accepted into the program each year. The program is twenty four (24) months in length and begins in **mid-January 2018 with completion in mid-January 2020**.

If you have any questions, feel free to contact me at (248) 849-5385. Again, thank you for considering the Providence Hospital School of Diagnostic Medical Sonography.

Sincerely,

Tracey Olldashi, BA, RDMS, RVT  
Program Coordinator  
Providence Hospital School of Diagnostic Medical Sonography  
Phone (248) 849-5385  
Fax (248) 849-5395  
Email: Tracey.Olldashi@ascension.org  
Website: http://www.stjohnprovidence.org/AlliedHealth/Sonography/

Updated 12/15/16
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsoring organization, Program accreditation</td>
<td>1</td>
</tr>
<tr>
<td>Philosophy of education</td>
<td>1</td>
</tr>
<tr>
<td>Mission statement</td>
<td>1</td>
</tr>
<tr>
<td>Profession description</td>
<td>2</td>
</tr>
<tr>
<td>Program goal</td>
<td>3</td>
</tr>
<tr>
<td>Basic curriculum</td>
<td>3</td>
</tr>
<tr>
<td>Appropriate clinical learning experience</td>
<td>4</td>
</tr>
<tr>
<td>Program standards, Graduation requirements</td>
<td>5</td>
</tr>
<tr>
<td>Program policy manual</td>
<td>6</td>
</tr>
<tr>
<td>Admission procedures</td>
<td>6</td>
</tr>
<tr>
<td>Early admission policy, Waiting list</td>
<td>7</td>
</tr>
<tr>
<td>Minimal physical requirements</td>
<td>7</td>
</tr>
<tr>
<td>Application requirements</td>
<td>8</td>
</tr>
<tr>
<td>Selection criteria</td>
<td>9</td>
</tr>
<tr>
<td>Student health policy</td>
<td>9</td>
</tr>
<tr>
<td>Pre-program physical</td>
<td>9</td>
</tr>
<tr>
<td>Financial information, Expenses, Scholarship information</td>
<td>10</td>
</tr>
<tr>
<td>Background check, Student working during program</td>
<td>11</td>
</tr>
<tr>
<td>Equal opportunity policy, Reasonable accommodations</td>
<td>11</td>
</tr>
<tr>
<td>Correspondence address</td>
<td>11</td>
</tr>
<tr>
<td>Technical Standards Survey</td>
<td>12</td>
</tr>
<tr>
<td>Program Outcomes</td>
<td>13</td>
</tr>
<tr>
<td>Application link</td>
<td>14</td>
</tr>
<tr>
<td>on-line application available at website</td>
<td>14</td>
</tr>
</tbody>
</table>
SPONSORING ORGANIZATIONS

Providence Hospital School of Diagnostic is sponsored by Madonna University under the accreditation guidelines of the CAAHEP (Commission of Accreditation of Allied Health Education Program). Providence School of Diagnostic Medical Sonography has received CAAHEP ten-year sonography program general and vascular concentrations through 2024 (CAAHEP Program #110067).

Providence Hospital is part of the St. John Providence Health System and Ascension Health. It is a full-service community health center located in the northwest Detroit area. It is a teaching hospital directed by the Ascension Health and the Daughters of Charity of Saint Vincent de Paul with over 125 years of continuous health care services.

Providence Hospital is fully licensed by the State of Michigan Department of Public Health and accredited by the Joint Commission of American Hospital Organizations (JCAHO). The Providence Hospital Diagnostic Ultrasound Department is accredited by the American College of Radiology (ACR) in general and vascular ultrasound examinations. St John Hospital Ultrasound Dept is accredited by ACR in general and 1st Trimester OB. The American Institute of Ultrasound in Medicine (AIUM) accredits both the Providence Maternal Fetal and St John Perinatal Imaging Departments.

PHILOSOPHY OF EDUCATION

This institution is committed to the highest standards of excellence for patient care and recognizes the necessity of quality education as a means of achieving and maintaining this standard.

Education implies the art of utilization and dissemination of knowledge. Both utilization and implementation of specific fields of knowledge enhance the quality of patient care. Providence Hospital and the Imaging Department affirm the desire to attain excellence in education for the benefit of those they service. To this end, energies and resources are directed to develop and maintain educational programs of the highest standard.

In all areas of education, this institution desires to communicate its distinctive philosophy of excellence and dedication to those who come to learn, and thus, through them to the patients and the community served by the hospital.

---

PROVIDENCE HOSPITAL SCHOOL OF DIAGNOSTIC MEDICAL SONOGRAPHY
MISSION STATEMENT

The School of Diagnostic Medical Sonography program administrators, educators, and clinical instructors are dedicated to provide quality education under our accreditation standards and guidelines. To achieve these ends, we commit ourselves to support each student in their pursuit to meet the didactic and clinical competencies according to the goals and objectives of the sonography program.
PROFESSION DESCRIPTION

The profession of diagnostic medical sonography includes general sonography, cardiac sonography, vascular technology, and various subspecialties. The profession requires judgment and the ability to provide appropriate health care services. Sonographers/vascular technologists are highly skilled professionals qualified by education to provide patient services using diagnostic techniques under the supervision of a licensed doctor of medicine or osteopathy. The sonographer/vascular technologist may provide this service in a variety of medical settings where the physician is responsible for the use and interpretation of appropriate procedures. Sonographers/vascular technologists assist physicians in gathering data necessary to reach diagnostic decisions. The sonographer/vascular technologist is able to perform the following:

1. Obtain, review, and integrate pertinent patient history and supporting clinical data to facilitate optimum diagnostic results.
2. Perform appropriate procedures and record anatomic, pathologic, and/or physiologic data for interpretation by a physician.
3. Record, analyze, and process diagnostic data and other pertinent observations made during the procedure for presentation to the interpreting physician.
4. Exercise discretion and judgment in the performance of sonographic and/or other non-invasive diagnostic services.
5. Demonstrate appropriate communication skills with patients and colleagues.
6. Act in a professional and ethical manner.
7. Provide patient education related to medical ultrasound and/or other non-invasive diagnostic vascular techniques, and promote principles of good health. (*standards & guidelines at caahep.org)

To measure competency, students must successfully complete program academic and clinical requirements to become eligible to take national registry exams by the American Registry of Diagnostic Medical Sonographers (ARDMS). Exam registry fees are the student’s personal responsibility and are not included in the cost of the program. Exams include Ultrasound Physics and Instrumentation, and specialty exams in Abdomen, Vascular, Obstetrics/Gynecological, and Vascular Physics. Passing the ultrasound physics exam and one area of specialty allows the sonographer to use the professional initials of "RDMS" after his/her name. In addition, passing the vascular physics exam and the vascular technology specialty allows the sonographer to use the professional initials of "RVT" after his/her name.

Most sonographers work in hospitals, outpatient centers, private doctor offices, and mobile ultrasound services. Ultrasound manufacturers also hire sonographers to demonstrate and sell ultrasound equipment and products. Employment opportunities in sonography should be investigated and evaluated by potential candidates. Inquires concerning the success of graduates in obtaining employment is welcomed by the Program Coordinator.
PROGRAM GOAL

The program goal defining minimum expectations is to prepare competent entry level general and vascular sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

BASIC CURRICULUM

The Providence Hospital School of Diagnostic Medical Sonography is a twenty four (24) month program with forty (40) hours completed each week. For the 2018-2020 program, the program will begin in mid-January 2018 with completion in mid-January 2020. Program hours are usually 7:00 AM to 3:30 PM or 8:00 AM to 4:30 PM Monday through Friday (including class days). **Weekend and afternoon hours are not required. Students are given the opportunity to complete four-ten hour days for specific short rotations in the program.**

Didactic classes are held for seven hours per day, one to two days per week. The program total classroom hours number approximately 800 hours. Students are given course syllabi that include course hours, days, expectations, research/film assignments, transcript credits, objectives, grading scale and methodology, reading assignments with lecture and test schedule. Class consists of formal lectures, classroom discussion, review worksheets, case presentations, film review, Sonosim® simulated scanning with case studies, educational models, C-D Roms, webinars and lab scanning. Other resources available to students include associated textbooks, department library, and hospital medical library resources (including on-line references).

**Program concentration**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdomen (adult and pediatric)</td>
<td>20%</td>
</tr>
<tr>
<td>OB/Gyn</td>
<td>25%</td>
</tr>
<tr>
<td>Physics and Instrumentation</td>
<td>20%</td>
</tr>
<tr>
<td>Vascular</td>
<td>20%</td>
</tr>
<tr>
<td>Superficial parts (breast, thyroid, parathyroid, male pelvis, pediatric sonography)</td>
<td>10%</td>
</tr>
<tr>
<td>Introduction to sonography</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**Didactic course units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Orientation to sonography</td>
<td>2</td>
</tr>
<tr>
<td>2. Physics and instrumentation</td>
<td>5</td>
</tr>
<tr>
<td>3. Abdominal sonography</td>
<td>6</td>
</tr>
<tr>
<td>4. Gynecological sonography</td>
<td>4</td>
</tr>
<tr>
<td>5. Obstetrical sonography</td>
<td>5</td>
</tr>
<tr>
<td>6. Vascular sonography</td>
<td>5</td>
</tr>
<tr>
<td>7. Superficial sonography (breast, thyroid parathyroid, scrotal, pediatric sonography)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total 30 credits</strong></td>
<td></td>
</tr>
</tbody>
</table>
Measuring didactic competency
The measurement of didactic competency is made with administration of tests, case presentations, class participation, film assignments, journal articles, research papers, midterm and final examinations. Students must maintain an 85% or above academic standing during the program. Students are informed of didactic grades throughout the program.

APPROPRIATE CLINICAL LEARNING EXPERIENCE
Sonography is direct patient care and although universal precautions are used when appropriate (gloves, gowns, masks, etc.) students may be exposed to potentially infectious agents such as blood, feces, urine and other bodily fluids.

Students will be required to scan any and all body parts including but not limited to: abdomen, female & male pelvis, breast, scrotum, neck, arms, legs, prostate, and penis.

Clinical education is based on over 3,100 hours of clinical "one on one" instruction of each student with Program Coordinator, Clinical Coordinator and staff sonographers/Clinical Instructors). Initially, students are scheduled each week clinically among the staff of sonographers to offer guidance, direction and support to students with a spirit of dedication and expertise. By rotating with different instructors, the students learn various approaches to clinical practice with an outcome that improves comprehension, knowledge, competency and versatility in a variety of clinical settings.

Students will also complete clinical scanning labs with clinical instructor along with Sonosim® clinical training courses and simulated case studies to apply classroom didactics and aid in building clinical competency.

All students are scheduled for clinical rotations to various approved clinical sites in the St John Providence Health System (see clinical sites listings below) to become competent in general, OB and vascular ultrasound exams. Every student will complete a concentrated rotation to a Maternal-Fetal Diagnostic (OB) Department to become competent in OB ultrasound exams (15 weeks of three clinical days per week – first year and 4 weeks of three clinical days per week - second year).

Clinical sites/affiliations
Current approved clinical sties are:
- Providence Hospital Ultrasound Dept., Southfield, MI
- Providence Park Ultrasound Dept., Novi, MI
- Providence Park Hospital Maternal Fetal Diagnostic Center, Novi, MI
- St John Hospital: Ultrasound, Vascular and Maternal Fetal Diagnostic Departments, Detroit, MI
- Comprehensive Vascular Lab, Southfield, MI
- Children’s Hospital of Michigan, Detroit, MI
Communication
Throughout the program, students are continually given feedback on level of clinical ability and performance from program coordinator, clinical coordinator, clinical instructors, and department radiologists. On-going communication between Program Coordinator, Clinical Coordinator and students is maintained and encouraged.

Clinical units include
1. Abdominal sonography
2. Pelvic sonography
3. Obstetrical sonography
4. Vascular sonography (cerebrovascular and peripheral vascular)
5. Superficial sonography (breast, thyroid, parathyroid and scrotal)
6. Pediatric sonography

Measuring clinical competency
Throughout the program, students are individually given time frames based on clinical rotations and academic coursework to complete Clinical Competency Evaluations for each clinical unit. In addition, Quarterly Clinical Evaluations are completed and reviewed with Program Coordinator, Clinical Coordinator and students to determine level of didactic and clinical achievement.

If a student falls below competency level in either clinical or academic areas, counseling will be given along with enacting the remediation or probationary policies as stated by program manual.

PROGRAM STANDARDS/GRADUATION REQUIREMENTS

To successfully complete the program, the student must:
1. Obtain a clinical level that meets or exceeds standard of clinical competency for each quarterly clinical evaluation.
2. Maintain an 85% or above academic standing upon completion of each of the nine (9) didactic course units.
3. Obtain a competency level that meets or exceeds standard of competency for required Clinical Competency Evaluations.
4. Exercise independent judgment and discretion in the completion of medical imaging ultrasound procedures.
5. Apply the knowledge of anatomy and physiology and scanning procedures to competently demonstrate anatomical and pathological structures for the ultrasound exams instructed within the curriculum.
6. Provide accepted standards of patient care, safety and comfort.
7. Adhere to hospital, departmental and program policies. Program policies are listed in program policy manual given to each student upon acceptance in the program and reviewed with each student at start of program.
8. Complete all clinical time including make-up time by the end of program.
9. Demonstrate effective written and oral communication skills.

Upon graduation, students are given a school pin, certificate of graduation and documentation to take national registry exams.
PROGRAM POLICY MANUAL

Upon selection into the program, each student will be given a program policy manual prior to signing the program letter of agreement. The program policy manual includes most program and hospital policies and will be reviewed at the start of the program. Students will be expected to adhere to, review and become informed of our program and hospital policies. Program manuals will be made available to potential candidates by contacting Program Coordinator.

ADMISSION PROCEDURES

Program accreditation standards and guidelines for admission state each applicant shall demonstrate completion of high school (or equivalent) and the following prerequisite secondary course along with education background #1 or #2 - below:

Required specific pre-requisites (all must be post secondary courses-college or university):

1. Algebra, statistics, or higher mathematics course
2. General physics and/or radiologic physics
3. Communication skills (may be a speech component in an English or dedicated communications or speech course)
4. Human anatomy and physiology
5. Pathophysiology (human anatomy pathology)
6. Medical terminology
7. Medical ethics and law

Patient care: All candidates must have 80 hours of documented patient care experience at hospital or clinic through employment or observation time – not provided by Providence Ultrasound Department.

To qualify for admission into the Providence Hospital School of Diagnostic Medical Sonography, candidates must have one of the following education backgrounds:

Education background #1:
Completion of an AMA-recognized two (2) year qualified allied health program* by the start of the sonography program with a GPA of 2.8 or higher. The applicant must be registered or become registered by the start of the program in the allied health field. Note – if Physics or any other pre-requisite(s) was/were not included in the Allied Health Program or completed as a post secondary course, it/they must be completed prior to the start of the program.

*Qualified Allied Health Programs include: Madonna University Allied Health Pre-Sonography Program, Registered Radiologic Technologist, Registered Respiratory Technologist, Registered Occupational Therapist or Registered Nurse

OR

Education background #2:
Minimum of an Associate’s Degree of Science from an accredited American university or college (or recognized equivalent) with completion of all pre-requisite courses listed above with GPA or 2.8 or above. Completion of the pre-requisite courses must be completed before the application deadline. Program candidate selection committee will determine if any review courses need to be repeated if courses are more than 10 years ago.
International Candidates
All candidates must be eligible to legally work in the United States. The program does not accept candidates without established US Employment authorization.

Applicants with degrees from outside the United States must have a course-by-course evaluation completed by a facility that is a member of the National Association of Credential Evaluation Services (NACES) qualified to evaluate foreign educational credentials to verify equivalency to a U.S. Associate of Science Degree or higher. Contact Program Coordinator for further details.

Medical School Graduates
Providence Hospital School of Diagnostic Medical Sonography is a technical educational program and does not accept applications from domestic or foreign graduates of medical schools. Physicians are advised to seek education for developing clinical education by contacting the American Medical Association (ama-assn.org) or Society of Diagnostic Medical Sonography (sdms.org).

EARLY ADMISSION AND WAITING LIST

Providence Hospital School of Diagnostic Medical Sonography does not offer early admission or advanced placement for candidates. There is no waiting list for program admission. Candidates must apply each year and compete against the field of candidates for that year.

MINIMAL PHYSICAL REQUIREMENTS

All applicants are notified of the minimum physical requirements appropriate to Diagnostic Medical Sonography. The Technical Standards Survey (see application forms) must be completed and returned with application (written or on-line). On-line application surveys will need to be physically signed by applicants during interview process.

It is program policy, in compliance with the Americans with Disabilities Act (ADA), to provide reasonable accommodation to select qualified, disabled individuals so that they can perform the essential functions of the job. Reasonable accommodation will be provided to such individuals unless it imposes an undue hardship upon the program.
APPLICATION REQUIREMENTS

Applications deadline is June 1st with personal interviews held in mid to late July. The program starts mid-January and ends in mid-January two years later.

1. Completed application Form* (on-line or written)

2. Application fee of $50 (make check payable to Providence Hospital) application fee must be received by June 1st deadline to be considered for program.

3. Technical Standards Survey* (written or on-line) *All on-line applications and surveys will be personally signed during interview selection process.

4. Personal letter to state reasons for their interest in the field of sonography and Providence Hospital School of Diagnostic Medical Sonography.

5. Two (2) letters of professional reference - both must be dated within the last twelve (12) months at time application is received.

6. High school transcript (HS transcripts do not need to be sent if candidate’s date of graduation is more than ten (10) years from date of application.

7. Completion of all pre-requisites courses prior to June 1st.

8. All official educational transcripts since high school (college courses taken more than 10 years ago will be reviewed by selection committee to determine if review courses must be completed).

9. Copies of all certificates of graduation or diplomas from colleges/universities and/or allied health educational programs since high school Including documentation of current registry status for allied health careers (ARRT Rad Tech, RN, Resp Tech, Occupational Tech, Physical Therapist).

10. Documentation of 80 hours of patient care experience - documented observation time in a hospital or clinical in-patient care setting OR employed in the medical field

11. All interviewed candidates will be required to take the Psychological Services Bureau (PSB) Health Occupations Aptitude Exam. The test is administered at Providence Hospital during a scheduled time period prior to interviews. Cost is included in application fee.

12. All candidates selected for the program will be required to complete a criminal background check and drug-screen, which will be completed before final acceptance into the program.
Limited number interviewed
Program Coordinator is responsible to evaluate all candidates for eligibility. A limited
number of the eligible candidates will be selected for the interview process. Everyone will
be informed of his/her eligibility and interview status. Candidates that are selected for the
interview portion of the selection process will be interviewed. Everyone who is interviewed
will be mailed or emailed a letter of acceptance or non-acceptance.

Psychological Services Bureau (PSB) Health Occupations Aptitude Test
All qualified candidates for an interview will be required to complete the Psychological
Services Bureau (PSB) Health Occupations Aptitude at Providence Hospital prior to the
interview (cost included with admission application). Cost is included in program
application fee. Results will be sent to everyone who completes the test.

Selected candidates without background in Radiology
Candidates who are accepted into the program without clinical background in a radiology
department will be required to complete a radiology orientation at the start of the program
in order to gain experience in imaging modalities and orientate to departmental
procedures. This will be scheduled by Program Coordinator.

SELECTION CRITERIA
Candidates are selected into the program based on valid and objective admission criteria.
The principle criteria in which candidates are selected are (in no particular order of
importance) academic standings, clinical/patient care experience, and results of health
occupation aptitude test and personal interview by candidate selection committee.

STUDENT HEALTH CARE POLICY
Health care, other than incidental hospital-service health care, is not provided by the
hospital and must be obtained privately by each student. St John Providence Health
System does not provide health care insurance to students at any time during the
program.

PRE-PROGRAM PHYSICAL
After acceptance into the program and prior to start of the program, each student
must successfully complete a pre-program physical, including a drug screen. The
Providence Hospital Associate Health and Wellness Services will perform the pre-program
physical and drug screen.
2018-2020 program tuition is $7,000 plus $150 lab fee and $50 application fee. $2,000 of tuition amount is due with Letter of Agreement upon acceptance into program, $2,500 plus a $150 lab fee ($2,650) is paid on the first day of the program with the remaining payment ($2,500) is paid after 6 months completion of the program (July 2018). **Required textbooks must be purchased by students and are NOT included in the tuition amount (2017 textbook cost were approximately $800).** All application fees and tuition payments are nonrefundable after payment is received. All tuition fees are due at designated payment dates and would constitute program dismissal if not paid by the deadlines.

**Financial Aid**
Financial aid is not available through St John Providence Healthcare System, however, students selected into the Providence Hospital School of Diagnostic Medical Sonography may inquire if eligible for financial aid through Madonna University. Candidates are not eligible for financial aid until program begins. Please contact Program Coordinator for additional information. **Tuition Forgiveness Program is not available.**

**Expenses during the program (excluding application and tuition fees)**
Students are responsible for purchasing required “scrub-type” uniforms and shoes that meet hospital and all clinical affiliate requirements. Students will be given time to attend two local conferences during the program, but will be required to pay the registration fees (2016 cost $175 for both conferences). There is no food allowance for students during the program.

**Optional additional costs:** Student membership in the Society of Diagnostic Medical Sonographers – SDMS (2017 cost - $45).

**Scholarship information is available from:**
The SDMS Educational Foundation
2745 Dallas Pkwy Ste 350
Plano, TX 75093-8730
(214) 473-8057 or (800) 229-9506

Radiologic Technologists should contact the Michigan Society of Radiologic Technology (MSRT) for scholarship information through
V. Kay Williams MS, RT(R), ARRT
Chairperson MSRT Scholarship and Grant Committee
1924 Crabtree Lane
Jenison, Michigan 49428
(618) 457-4721
PROGRAM TIME OFF

Each student is given 40 days off during the program, which includes some scheduled vacations during the program. Any additional time will be required to be made up before successful graduation from the program according to the time off policy (see program coordinator for additional information).

STUDENT WORKING DURING PROGRAM

Due to the intensity and volume of course material, maintaining employment while in the program is not recommended. If employment outside the program is necessary, it must not conflict with the academic or clinical schedules and not interfere with clinical or academic performance.

EQUAL OPPORTUNITY POLICY/REASONABLE ACCOMMODATIONS

St John Providence Health System is an Equal Opportunity Employer. In decisions regarding hiring, recruiting, promotion, transfer, assignment, training, classification, pay, benefits, discipline any other term, condition or privilege of student position, PHMC will apply equal criteria without regard to religion, race, color, national origin, age, sex, height, weight, marital status, sexual preference, arrest record or disability unrelated to job duties.

It is the policy of the program, in compliance with the Americans with Disabilities Act (ADA), to provide reasonable accommodation to select qualified, disabled individuals so that they can perform the essential functions of the job. Reasonable accommodation will be provided to such individuals unless it imposes an undue hardship upon the program.

CORRESPONDENCE ADDRESS

Please address all communications to the address below or contact Program Coordinator at (248) 849-5385 with any questions.

Providence Hospital School of Diagnostic Medical Sonography
Attn: Tracey Olldashi
16001 West Nine Mile Road
Southfield, MI  48075

Email: Program Coordinator: Tracey.Olldashi@ascension.org
Website: http://www.stjohnprovidence.org/AlliedHealth/Sonography/

Application forms available on-line at program website:
http://www.stjohnprovidence.org/AlliedHealth/Sonography/
All applicants to the School of Diagnostic Medical Sonography are notified of the minimum requirements appropriate to the profession of Sonography.

The Americans with Disabilities Act (ADA) technical standards for the profession of diagnostic medical sonography include the ability to perform all of the following with reasonable accommodations:

- Lift more than 50 pound routinely
- Push and pull routinely
- Bend and stoop routinely
- Have full use of both hands, wrists and shoulders
- Distinguish audible sounds
- Adequately view sonograms, including color distinctions
- Work standing on their feet 80% of the time
- Interact compassionately and effectively with the sick or injured
- Assist patients on and off examining tables
- Organize and accurately perform the individual steps in a sonographic procedure in the proper sequence

Are you able to perform all of the technical standards identified above with reasonable accommodations?

YES_________________________ NO_________________

SIGNATURE_____________________________________

DATE_________________________________________

All candidates are notified that completion of a Technical Standards Survey prior to admission to the program is required.
### Providence Hospital School of Diagnostic Medical Sonography - Program Outcomes

<table>
<thead>
<tr>
<th>Standard – Attrition Rate</th>
<th>Class of 2011</th>
<th>Class of 2012</th>
<th>Class of 2013</th>
<th>Class of 2014</th>
<th>Class of 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of students admitted to program</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Number of students graduating</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Attrition rate</td>
<td>0%</td>
<td>0%</td>
<td>25%</td>
<td>0%</td>
<td>25%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of students graduating from program</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Number of students employed</td>
<td>5 (100%)</td>
<td>4 (100%)</td>
<td>3 (100%)</td>
<td>4 (100%)</td>
<td>3 (100%)</td>
</tr>
</tbody>
</table>

| Number of students taking SPI (PHYSICS) ARDMS exam | 5 | 4 | 3 | 4 | 3 |
|--------------------------------------------------------------------------------|
| Number of students passing | 5 (100%) | 4 (100%) | 3 (100%) | 4 (100%) | 3 (100%) |

| Number of students taking OB/GYN ARDMS exam | 5 | 4 | 3 | 4 | 0 |
|--------------------------------------------------------------------------------|
| Number of students passing | 5 (100%) | 4 (100%) | 3 (100%) | 4 (100%) | -------- |

| Number of students taking ABDOMEN ARDMS exam | 3 | 3 | 3 | 4 | 3 |
|--------------------------------------------------------------------------------|
| Number of students passing | 3 (100%) | 3 (100%) | 3 (100%) | 4 (100%) | 3* (100%) |

| Number of students taking VASCULAR TECHNOLOGY ARDMS exam | 1 | 2 | 3 | 3 | 2 |
|--------------------------------------------------------------------------------|
| Number of students passing | 1 (100%) | 1 (50%) | 3** (100%) | 3* (100%) | 2 (100%) |

* One student passed on 2\textsuperscript{nd} attempt  
**One student passed on 3\textsuperscript{rd} attempt  

Statistics submitted yearly to Joint Review Commission in Diagnostic Medical Sonography (JRC-DMS). Any questions regarding this information; please contact Program Coordinator, Tracey Olldashi at (248) 849-5385 or email Tracey.Olldashi@ascension.org

Updated 12/15/16
On-line application available on-line at program website: http://www.stjohnprovidence.org/AlliedHealth/Sonography/