Professional Enrichment

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Medical Imaging
SPR 2017
No Disclosures
# Job Outlook

## Summary

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https://www.bls.gov/ooh
Definition:

The term **professional development** may be used in reference to a wide variety of specialized training, formal education, or advanced **professional** learning intended to help administrators, teachers, and other educators improve their **professional** knowledge, competence, skill, and effectiveness.
What is Continuing Professional Development?

CPD stands for **Continuing Professional Development**. It refers to the process of tracking and documenting the skills, knowledge and experience that you gain both formally and informally as you work, beyond any initial training. It's a record of what you experience, learn and then apply.
The Five Dimensions of Professional Development

- Self-Assessment, Exploration, Consultation
- Activities
- Skill Development
- Professionalism
- Personal Development

Your Professionalized Self!

http://hpplc.indiana.edu/pd/
How do I get started?

Job Shadowing, Clinical Observation, and Interning (in the workplace)

Volunteer Work (with your societies, ARRT, ARDMS, SPR)

Publishing your work (with your peers)

Participating in Events, Clubs, and Organizations (you are here today)

Keep a Professional Development Journal (CV, Resume)
Job Shadowing, Clinical Observation, and Interning (in the workplace)

- Precepting new employees to critical job tasks
- Job Shadowing in other modalities for cross-training opportunities
- On the job cross-training
- Completing clinical hours on personal time to develop competence/qualifications for board acceptance
- Climbing the clinical ladder (various types)
- Goal driven performance standards
ABOUT US

The American Registry of Radiologic Technologists (ARRT) is the world’s largest organization offering credentials in medical imaging, interventional procedures, and radiation therapy. We certify and register technologists in 15 disciplines by overseeing and administering education, ethics, and examination requirements.

We also advocate for safety and advancement in radiological sciences professions by supporting initiatives such as the Image Gently™ Alliance and by contributing to industry research studies.

Learn more about us.

OUR MISSION

Our mission is to promote high standards of patient care by recognizing qualified individuals in medical imaging, interventional procedures, and radiation therapy. Learn more about how we support our community.

EQUATION FOR EXCELLENCE

Education + Ethics + Examination = The ARRT
Equation for Excellence. Learn more about the three components of our mission.
What Does This Mean For Me, an R.T.?

WE NEED R.T. PARTICIPATION!!!

- PAs: Fill out and return PA surveys, comment on the draft documents, volunteer for the committee.

- Examination: volunteer to be an item writer, volunteer to be an exam committee member, create an environment of exam ethics.

- Standard setting: requires a large number of R.T. volunteers to set or re-set a new base standard.
Continuing Education

ASRT is your home for radiologic technology continuing education. We track and transfer credits to the ARRT for our members, our award-winning journals bring access to CE credits right to your door, and we offer the high-quality courses you need.

Track CE Credits
- Check your records and make sure you're meeting all the requirements for your specialty.
- Check CE Record
- CE Requirements
- Reprint ASRT Certificates ofCompletion
- My Learning - Certificates
- Submit CE for Credit Tracking
- Download the ASRT app
- "Your CE Record" Tutorial

Earn CE
- Access your CE activities or find new opportunities to earn credits.
- Directed Reading Quizzes
- Featured CE Courses
- Shop in the ASRT Store
- Directed Reading Quizzes tutorial
- Submit CE Via Website tutorial
- Submit CE Via Mobile App tutorial

Request for Approval Information
- Sponsors of continuing education activities for medical imaging and radiation therapy professionals can submit those activities for Category A or A+ credit.
- CE Sponsor Information
- Activity Information
- Apply for CE Approval
- Sponsor Types

Structured Education Solutions
- Online education that meets the ARRT requirements.
- See All of the Courses

Membership
VOLUNTEERS HELP DEVELOP ARDMS EXAMINATIONS

ARDMS is innovating and expanding in exciting ways and we welcome you to volunteer and grow with us!

The first half of each year is always busy as hundreds of volunteers work closely with our testing staff to refresh current exams and create new ones. In that regard, 2015 has been spectacular so far! To date, more than 2,000 questions (we call them items) have been written by our Registrants across all specialties, and we have hosted in-person workshops to review items for all 13 ARDMS exams. All good news, but we need approximately 2,000 more items written by the end of the year.

Most Registrants are unaware that we look to you – those who have demonstrated mastery in your ultrasound specialty – to determine the knowledge and skills needed for proficiency in a specific area. Registrants complete Job Task Analysis surveys to tell us the specific topics to assess. Volunteers write and review items in their specialties. Periodically, volunteers are invited to set passing standards, tag images and videos, and review exam forms.

Our volunteers tell us that early in their careers they were trained to share their wealth of knowledge with colleagues. Paying it forward to the next wave of practitioners is one of the best ways to keep skills sharp, elevate the entire profession, and ultimately provide quality health care to patients everywhere. Choosing to volunteer in exam development is a tangible way of setting the standards by which competency is measured.
Get involved with the SMRT by joining our virtual community.

Join the discussion on the SMRT Listserves!

The MRI Technologist List Serve is an invaluable resource where topics and issues that MR operators deal with are discussed daily. The SMRT also hosts Listserves that focus on Nursing in MR and Veterinary MRI.

Get involved locally with SMRT Local Chapters and SMRT Regional Seminars!

Local SMRT chapters and SMRT Regional Seminars provide MR technologists the opportunity for education in their geographic area by presenting topics of interest to members and providing the vehicle for exchange of information with their local colleagues.

Follow us on Twitter and Facebook!

Keep track of the latest events and upcoming deadlines!
SNMNI 2017 Annual Meeting

Make your plans to attend the SNMNI 2017 Annual Meeting—the premier educational, scientific, research, and networking event in nuclear medicine and molecular imaging. SNMNI’s marquee event provides you with an in-depth view of the latest technologies and research in the field.

Download A Preview Brochure | Book Your Hotel | View Sessions | Register Online

Networking and Special Programming

The SNMNI Annual Meeting also offers special targeted programming, and great opportunities for you to reconnect with your peers from around the globe, including:

- Hot Trot 5K Run/Walk
- Student Technologist Registry Review
- Exhibit/Poster Hall Opening & Welcome Reception
- SNMNI-TS First Timer’s Orientation
SPR 2017 Annual Meeting

Annual Meeting Countdown
38 | 19 | 10 | 12
May 16, 2017

Click here to read more.

Parents & Patients

Visit the Education and the Specialties Portals above for many useful resources.
You may also wish to visit RadiologyInfo.org, the Radiology community’s resource for patients.

.... of current interest

- 4/5/2017: Statement from the ACR Committee on Drugs and Contrast Media on the PRAC recommendation re linear gadolinium-based contrast agents (GBCAs)

- The SPR Board of Directors sent this linked letter to Congressional Leadership regarding changes to the Affordable Care Act.

- SPR Board leaders and the SPR Child Abuse Committee wish to share the respond to the Swedish Agency for Health Technology Assessment and Assessment of Social Services (http://www.sbu.se/en/) recent report on Shaken Baby Syndrome. Read the update here.

- 2/9/2017: English Translation now available.

Online ped MSK conference
The U.S. Radiologic Technologists Study, which began in 1982, is a collaborative effort between the University of Minnesota, the National Cancer Institute, and the American Registry of Radiologic Technologists to investigate potential radiation-related health effects from low-dose occupational radiation exposure.

More than 110,000 radiologic technologists — current and former — have participated in this study by completing one or more of the questionnaire surveys about their work history, health status, and other factors. Through their participation in the study, we are learning more each year about radiation and health.

This website is an information resource for study participants and researchers who are interested in learning more about the study.

For Study Participants

For Researchers

U.S. Radiologic Technologists Study

Thank you to the more than 58,000 RTs who completed the Fourth Survey and to the nearly 15,000 who completed the fluoroscopically-guided procedures questionnaire and 6,000 who completed the nuclear medicine procedures questionnaire! The detailed information provided about specific procedures performed, related work practices, and safety measures employed over time will be used to improve occupational radiation dose estimates for technologists working with these types of procedures.

*** NEW ***

U.S. Nuclear Medicine Technologists Study

A new cohort study of U.S. nuclear medicine technologists has begun. The USNMT study will focus on health risks for more recently certified technologists working in the rapidly expanding field of nuclear medicine.
Program Highlights

- One directional program
- Keeps Allied Health Professionals involved in direct patient care
- Renewed commitment to ongoing education for Allied Health Professionals
- Financial recognition for advancement
# Ann & Robert H. Lurie Children’s Hospital of Chicago LEAP Program

## Behaviors

*All BOLDFACED words must be included in Representative Experiences and all Validations*

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<th>Practice Role</th>
<th>Proponent</th>
<th>Advanced</th>
<th>Expert</th>
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<td>Citation</td>
<td>The Proponent Allied Health Professional demonstrates competence in the application of the care process, (assessment, plan, implementation &amp; evaluation) to the patients in the clinical setting and during patient teaching according to department standards. Assesses patient and meets age specific competency standards. Demonstrates skill competency.</td>
<td>The Advanced Allied Health Professional demonstrates decision-making that influence outcomes (i.e. critical thinking). Blends experience and mastery of knowledge and independently seeks out other disciplines/resources available.</td>
<td>The Expert Allied Health Professional directs the multidisciplinary team in care planning. Intuitively anticipates the needs of the patient and family and facilitates the development of a plan within a changing environment. Coordination of care demonstrates Allied Health Professional advocacy skills that influence outcomes.</td>
</tr>
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<td>Clinical Inquiry</td>
<td>Evaluates quality initiatives and clinical practice through asking questions, reviewing policies/procedures for practice change, quality improvement and bases practice on best practices.</td>
<td>The Allied Health professional questions current practice/quality initiatives, develops a clinical question, and seeks the latest evidence based approach by conducting a careful review of current literature. The Advanced Allied Health professional should also consider benchmarking with other hospitals and/or networks with other experts to seek additional information. The Advanced Allied Health professional should describe the current practice, what the evidence shows, explain the potential positive impact on patient care and make recommendations for practice.</td>
<td>The Expert Allied Health professional should question and evaluate current practice and quality initiatives and follow the same format as the Advanced Allied Health professional. The Expert Allied Health professional should implement the recommended change and evaluate the positive impact on patient care and nursing practice.</td>
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## Leadership

- Consistent demonstration of CMH organizational competencies of Innovation Service Teamwork
- Consistent demonstration of ICH organizational competencies of Innovation Service Teamwork
- Consistent demonstration of CMH organizational competencies of Innovation Service Teamwork
- The Expert Allied Health Professional consistently demonstrates the ability to mentor in an area of expertise.

## Professional Development

- Completes annual clinical competency and educational requirements as defined by each area (i.e. licensure, CME, MT, CPR, PALS, NPP)
- Member of unit or hospital wide committees. Contributes to the work of unit committees and council.
- Completes annual clinical competency and educational requirements as defined by each area (i.e. licensure, CME, MT, CPR, PALS, NPP)

## Representative Experience or Self-Validation Narrative

*Examples: Letters of reference from (CHI), Professional Groups

Teacher

- Appropriately explain procedures to patients and families in a language they understand.
- Assesses patient and family learning needs and preferences.
- Utilizes policies and procedures and protocols to guide education.
- Integrates medication and safety education into daily care.
- Coordinates teaching with other members of healthcare team.
- Evaluates and revises teaching plan.

Incorporates patient and/or family and/or colleague cultural beliefs and practices into education plans (patient can refer to barriers, diversity and/or family dynamics)

AND

Recognizes teachable moments with patient/families and/or colleague and readily engages them in the learning process.

AND

Evaluates effectiveness of education with patient/family and/or family.

Intuitively anticipates the needs of the patient/family team or colleagues and fosters development of a teaching plan within a changing environment. Proactively initiates an education plan.

Quickly establishes rapport and builds patient/family or colleague confidence and management of teaching and health care needs.

Advocates improving patient safety and health outcomes.

*See promotional requirements*
Menu Items For Each Level

**Advanced Level**
must include completion of one of the following:

- 4 Simple
- 2 Simple and
  - 1 Moderate
- 2 Moderate
- 1 Complex and
  - 1 Simple

**Expert Level**
must include completion of:

- 1 Complex and
  - 1 Simple
**Ladder of Excellence for Allied Health Professional – LEAP**

**Menu Items**

Fiscal Year 2017 (9-1 to 8-31)

**ALL MENU ITEMS REQUIRE LETTER OF VERIFICATION, OR A VALIDATION OF COMMITTEE FORM, OR A VALIDATION OF MENU ITEM FORM.**

A LETTER OF VERIFICATION MUST INCLUDE:
- dates of service (include start date and an end date--may indicate ‘ongoing’)
- attendance/confirmation of meeting attendance
- participation & description of activity or activities

The committee/council/task force chair, professional organization officer, or program coordinator must complete and sign a letter of verification or provide an email with an email header. The email header should be identifiable in order to serve as a signature. For activities on the unit level, but outside of committee/council/task force work, a letter of verification or email with header can be completed by your direct supervisor/manager.

All items must have a menu item summary that includes the date(s) of the menu item and a thorough description of the menu item activities.

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<th>Simple</th>
<th>Moderate</th>
<th>Complex</th>
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<td><strong>Active member or board member of a healthcare related professional organization</strong>&lt;br&gt;A membership card is not sufficient evidence of active participation&lt;br&gt;Verification needed from manager (Limit 1/yr)&lt;br&gt;Participates in a Lurie sponsored or community health related program (i.e. community fair, or job fair, or humanitarian relief, or childhood safety car seat checks, or discovering health careers, asthma camp etc. activities performed MUST be health related)&lt;br&gt;Verification needed from program coordinator (Limit 1/yr)&lt;br&gt;Develops and provides education in the community (approved by AHPHR committee; submit menu item ranking form found on the POINT for AHPHR approval prior to implementation.)&lt;br&gt;Minimum of twice per year&lt;br&gt;Coordinates of a Professional Conference at Regional/National Level&lt;br&gt;Individually revises a procedure, protocol or plan of care or educational tool based on current research.&lt;br&gt;Procedure/protocol must be implemented and in current use.&lt;br&gt;Verification must come from either direct supervisor/director / administrator / physician chairperson&lt;br&gt;</td>
<td><strong>Chair/co-chair of unit-based committee/council.</strong>&lt;br&gt;Committee/council membership for at least 6 months&lt;br&gt;Task Force membership for at least 6 months or until completion&lt;br&gt;Verification must come from chair of committee/council/task force&lt;br&gt;Individually develops a procedure, protocol, plan of care or educational tool based on current research.&lt;br&gt;Verification must come from either direct supervisor/director / administrator / physician chairperson&lt;br&gt;Develops and completes a Grant or conducts a QI research project.&lt;br&gt;Summary must include description of project. Must show detailed work in progress if project is more than one year.&lt;br&gt;</td>
<td><strong>Chair/co-chair of hospital wide multidisciplinary committee/council/task Force</strong>&lt;br&gt;Committee/council Chairmanship&lt;br&gt;For at least 6 months&lt;br&gt;Individually develops a procedure, protocol, plan of care or educational tool based on current research.&lt;br&gt;Verification must come from either direct supervisor/director / administrator / physician chairperson&lt;br&gt;Develops and completes a Grant or conducts a QI research project.&lt;br&gt;Summary must include description of project. Must show detailed work in progress if project is more than one year.&lt;br&gt;</td>
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Attends conference and shares information at department/unit level.<br>Manager to validate attendance and sharing of information.<br>(Limit 2/yr)

Attends conference and shares information house-wide. Manager to validate attendance and sharing of information.<br>(i.e. write an article for, “Impressions” etc. or present to 5 or more units/divisions)

AHPHR council may be petitioned if committee participation is more involved and warrants a moderate ranking.<br>(Must be approved by AHPHR council by May, submit menu item ranking form (found on The Point))

Task Force membership for at least 6 months or until completion<br>Verification must come from chair of committee/council/task force<br>Task Force membership for at least 6 months or until completion<br>Verification must come from chair of committee/council/task force<br>Task Force membership for at least 6 months or until completion<br>Verification must come from chair of committee/council/task force<br>Task Force membership for at least 6 months or until completion<br>Verification must come from chair of committee/council/task force<br>Task Force membership for at least 6 months or until completion<br>Verification must come from chair of committee/council/task force
Get Involved!

Questions?