



# JRCERT

**2017**  
**Organizational Report**  
**of the**  
**Joint Review Committee on Education**  
**in Radiologic Technology**

***Mission Statement***

*The JRCERT promotes excellence in education and elevates the quality and safety of patient care through the accreditation of educational programs in radiography, radiation therapy, magnetic resonance, and medical dosimetry.*

*Letter from the Chair . . . .*

The Joint Review Committee in Radiologic Technology (JRCERT) takes our responsibility seriously to achieve our vision of excellence in education in the radiologic sciences. The JRCERT is guided by our core values:

- Believes educational quality and integrity should not be compromised.
- Respects and protects the rights of students.
- Promotes the welfare of patients.
- Encourages educational innovation.
- Collaborates with other organizations to advance the profession.
- Exemplifies the highest ethical principles in its actions and decisions.
- Responds in a proactive and dynamic manner to the environment in which we operate.

Throughout the year, these values influenced our work and the strategies we employed to fulfill our vision. In 2017, the noteworthy issues that the JRCERT engaged were as follows:

- Received continued recognition by the United States Department of Education (USDE) for a period of 5 years (maximum award).
- Received continued recognition by the Council for Higher Education Accreditation (CHEA) after submission of our Interim Report.
- Posted the first draft of the Standards for comments from our communities of interest.
- Launched a new website.
- Revised the JRCERT Strategic Plan.
- Created a new position for a Director of Instructional Design and Technology to develop innovative electronic learning modules and create online courses.
- Adopted the revised American Society of Radiologic Technologists (ASRT) Radiography Curriculum.
- Implemented a process to accept electronic payments.
- Continued to publish the Pulse Newsletter to share information with our programs.
- Presented a redesigned assessment workshop.
- Met with the ASRT at their annual meeting to discuss current issues in the profession.
- Presented on various accreditation issues at many state and national professional meetings.
- Conducted accreditation seminars, outcomes assessment workshops, and site visitor workshops.

Throughout the year, the JRCERT Board of Directors and staff worked determinedly to address issues facing our programs and the professional community in accordance with our core values. The perseverance and devotion of the Board and staff has assured that the mission and vision of the JRCERT continues to drive our work. As always, the support of our programs and the radiologic sciences profession is essential and what makes the work of the JRCERT possible. On behalf of the JRCERT Directors and staff, I wish to thank you for your continued support of programmatic accreditation.

Sincerely,  
Laura S. Aaron, Ph.D., R.T.(R)(M)(QM), FASRT, Chair

## *Board of Directors*



*2017-2018 JRCERT Board of Directors  
Left to Right: Loraine Zelna, Beverly Felder, Laura Borghardt, Julie Lasley,  
Bette Schans, Laura Aaron, Lisa Schmidt, Jason Stephenson*

*At the conclusion of the April 2018 meeting of the JRCERT Board, Laura S. Aaron, Ph.D., R.T.(R)(M)(QM), FASRT will complete her maximum term. The dedication and commitment of Laura to the organization has been invaluable. During her term, she has led the organization through initiatives such as continued recognition from USDE and CHEA, implementation of a new strategic plan, and revision of the current Standards, as well as many other endeavors. On behalf of the JRCERT Board and staff, I would like to sincerely thank Laura for her tremendous service in support of programmatic accreditation and extend our wishes for continued success.*

*The JRCERT staff would like to thank all 2017-2018 Board members for their unselfishly volunteered hard work and dedication in support of the highest standards of excellence for educational programs in the radiologic sciences.*

*Leslie Winter, M.S., R.T.(R)  
Chief Executive Officer*

# ***Board Composition***

***JRCERT Bylaws require that members of the Board represent the profession. The JRCERT solicits nominations and appoints members from the following organizations:***

American Association of Medical Dosimetrists (AAMD)

Association of Collegiate Educators in Radiologic Technology, Inc. (ACERT)

American College of Radiology (ACR)

American Society of Radiologic Technologists (ASRT)

Association of Educators in Imaging and Radiologic Sciences, Inc. (AEIRS)

AND a public member.

***Chair***

***Laura S. Aaron, Ph.D., R.T.(R)(M)(QM), FASRT***

Professor, School of Allied Health  
Northwestern State University  
1800 Line Avenue  
Shreveport, LA 71101  
(318) 677-3072

***First Vice Chair***

***Bette A. Schans, Ph.D., R.T.(R), FASRT***

Director of Assessment of Student Learning  
Colorado Mesa University  
1100 North Avenue, LHH 220E  
Grand Junction, CO 81501  
(970) 248-1651

***Second Vice Chair***

***Lorraine D. Zelna, M.S., R.T.(R)(MR)***

Radiography Program Director  
Misericordia University  
Medical Imaging Department  
301 Lake Street  
Dallas, PA 18612  
(570) 674-6438

***Secretary/Treasurer***

***Laura Borghardt, M.S., CMD***

Medical Dosimetry Program Director  
SUNY at Stony Brook University  
Radiation Oncology Department  
100 Nicolls Road, SBUMC L-2  
Stony Brook, NY 11794-7028  
(631) 444-9304

**Directors**

***Beverly J. Felder, R.N., B.S.N., M.P.A.***

Retired Retention Specialist for Health Professions  
Elgin Community College  
1700 Spartan Drive  
Elgin, IL 60123-7193  
(847) 888-8143

***Jason W. Stephenson, M.D.***

Assistant Professor of Radiology  
University of Wisconsin School of Medicine  
and Public Health  
Clinical Science Center  
600 Highland Ave  
Madison, WI 53792-3252  
(608) 263-9474

***Julie Lasley, Ph.D., R.T.(R)(T)***

Radiation Therapy Program Director  
Baptist College of Health Sciences  
1003 Monroe Avenue  
Memphis, TN 38014  
(901) 572-2644

***Lisa F. Schmidt, Ph.D., R.T.(R)(M), CRT(R)***

Radiography Program Director  
Pima Medical Institute  
780 Bay Blvd, Suite 101  
Chula Vista, CA 91910  
(619) 425-3200, ext. 121

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***Incoming Directors***

***(To be installed at the conclusion  
of the April 2018 meeting of the  
JRCERT Board)***

***Chad N. Hensley, III, M.Ed., R.T.(R)(MR)***

Radiography Clinical Coordinator  
University of Nevada Las Vegas  
4505 Maryland Parkway, Box 453017  
Las Vegas, NV 89154-3017  
(702) 895-3811

***Tracy L. Herrmann, M.Ed., R.T.(R)***

Professor, Allied Health  
University of Cincinnati Blue Ash College  
9555 Plainfield Road  
Blue Ash, OH 45236-1096  
(513) 745-5689

# JRCERT Staff

## EXECUTIVE STAFF

*Chief Executive Officer*

Leslie F. Winter, M.S., R.T.(R)

*Executive Associate Director*

Jay Hicks, Ed.D., R.T.(R)

*Assistant Director*

Traci Lang, M.S.R.S., R.T.(R)(T)

## PROFESSIONAL STAFF

*Accreditation Specialist*

Jacqueline Kralik, M.A.L., R.T.(R)(CT)(MR)

*Accreditation Specialist*

Brian J. Leonard, M.B.A., R.T.(R)

*Director of Instructional Design and Technology*

Tricia Leggett, D.H.Ed., R.T.(R)(QM)

## ADMINISTRATIVE STAFF

*Accreditation Assistant*

Jason Mielcarek, M.A.M.Ed.

*Finance Manager*

Teresa Cruz

*Information Technology Administrator*

Paul Luhn, B.A.

*Senior Executive Assistant*

Angela Mielcarek

*Accreditation Services Coordinator*

Janet Murzyn

## SUPPORT STAFF

*Administrative Assistant*

Joanne Sauter

*Administrative Assistant*

Janet Luczak

*Administrative Assistant*

Jean Samuelson

*Office Assistant*

Betty Matulewicz

# *Value of Accreditation*

The higher education community in the United States has become dependent upon accreditation as the primary vehicle for assuring the quality of educational institutions and programs. The JRCERT believes programmatic accreditation to be the optimal method to determine whether higher education in radiography, radiation therapy, magnetic resonance, and medical dosimetry, is of sufficient quality to provide the knowledge, skills, and professional attributes needed by graduates to meet the needs of the communities they will serve.

With JRCERT accreditation, the quality of educational programs is measured against compliance with standards established by the profession. JRCERT accreditation assures the public that care provided by students will be appropriately supervised. Additionally, JRCERT accreditation provides assurance that students are instructed in the utilization of imaging equipment, accessories, optimal exposure factors, and proper patient positioning to minimize the potentially harmful effects of radiation exposure to patients, selves, and others.

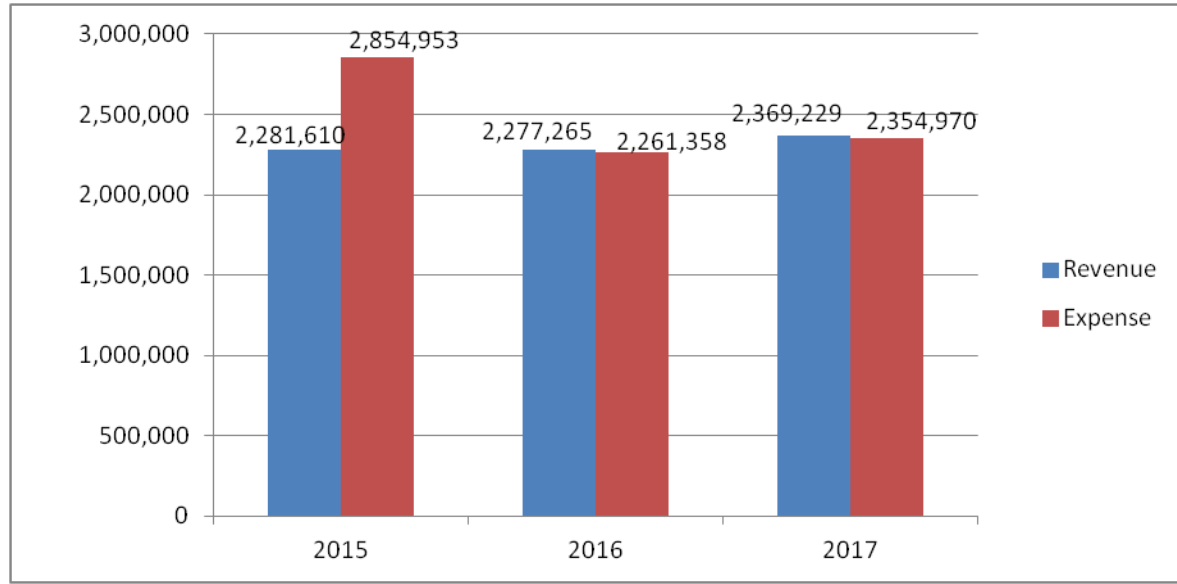
Programmatic accreditation provides value in several additional ways including:

- Assures fair, ethical, and equitable treatment of students, faculty, and staff.
- Establishes the student capacity of programs based upon the availability of resources.
- Assures well-structured, competency-based curricula developed by the American Society of Radiologic Technologists (ASRT) and the American Association of Medical Dosimetrists (AAMD) with input from the profession.
- Assures compliance with state/federal safety regulations.
- Encourages programs to assess student learning and continually strive for program improvement.
- Ensures that graduates of JRCERT-accredited programs are eligible for employment in all 50 states and in federal facilities (VA, etc.).

In an effort to demonstrate transparency and accountability to the general public, the JRCERT publishes program effectiveness data - program completion rates, credentialing examination pass rates, and job placement rates - for all accredited programs. The data can be found at [www.jrcert.org](http://www.jrcert.org), Students Tab, Program Effectiveness Data.

## Budget Summary

The JRCERT continues to strive to maintain a balanced budget.



## Reported Program Effectiveness Data

An annual report is required of all continuing programs. This report reflects 2016 data reported by programs. Programs received the annual report survey requests in July of 2017 and were required to respond by October 6, 2017 (January 19, 2018 for programs with 4<sup>th</sup> Qtr. graduation dates) with program effectiveness data for their graduating class of 2016. All submitted information was reviewed for accuracy and any concerns were addressed by staff in 2017, or early 2018 for programs with late graduation months.

	Average Annual Program Completion Rate	Five-Year Average Credentialing Exam Pass Rate at 1 <sup>st</sup> Attempt	Five-year Average Job Placement Rate, 12 months post-graduation
<b>Radiography</b>	81%	92% (within 6 mos.)	94%
<b>Radiation Therapy</b>	87%	93% (within 6 mos.)	93%
<b>Magnetic Resonance</b>	88%	95% (within 6 mos.)	98%
<b>Medical Dosimetry</b>	94%	90% (within 12 mos.)	96%



## *2017 Number of Accredited Programs by State*

	<b><u>RAD</u></b>	<b><u>RT</u></b>	<b><u>MD</u></b>	<b><u>MR</u></b>	<b><u>Total</u></b>
Alabama	10	1	0	0	<b>11</b>
Arizona	9	0	0	0	<b>9</b>
Arkansas	9	2	0	1	<b>12</b>
California	33	3	2	0	<b>38</b>
Colorado	6	0	0	0	<b>6</b>
Connecticut	8	2	0	0	<b>10</b>
Delaware	2	0	0	0	<b>2</b>
District of Columbia	1	1	0	0	<b>2</b>
Florida	32	3	1	0	<b>36</b>
Georgia	28	3	0	0	<b>31</b>
Hawaii	1	0	0	0	<b>1</b>
Idaho	5	0	0	0	<b>5</b>
Illinois	28	3	1	2	<b>34</b>
Indiana	17	3	2	0	<b>22</b>
Iowa	12	1	0	0	<b>13</b>
Kansas	5	0	0	0	<b>5</b>
Kentucky	13	1	0	1	<b>15</b>
Louisiana	12	1	0	0	<b>13</b>
Maine	4	0	0	0	<b>4</b>
Maryland	11	1	1	0	<b>13</b>
Massachusetts	12	4	1	0	<b>17</b>
Michigan	22	4	1	1	<b>28</b>
Minnesota	12	3	0	0	<b>15</b>
Mississippi	10	0	0	1	<b>11</b>
Missouri	17	1	0	1	<b>19</b>
Nebraska	7	1	0	1	<b>9</b>
Nevada	3	0	0	0	<b>3</b>
New Hampshire	2	1	0	0	<b>3</b>
New Jersey	15	2	0	0	<b>17</b>
New Mexico	4	0	0	0	<b>4</b>
New York	24	4	1	0	<b>29</b>
North Carolina	26	4	2	0	<b>32</b>
North Dakota	3	0	0	0	<b>3</b>
Ohio	27	2	1	2	<b>32</b>
Oklahoma	12	1	1	0	<b>14</b>

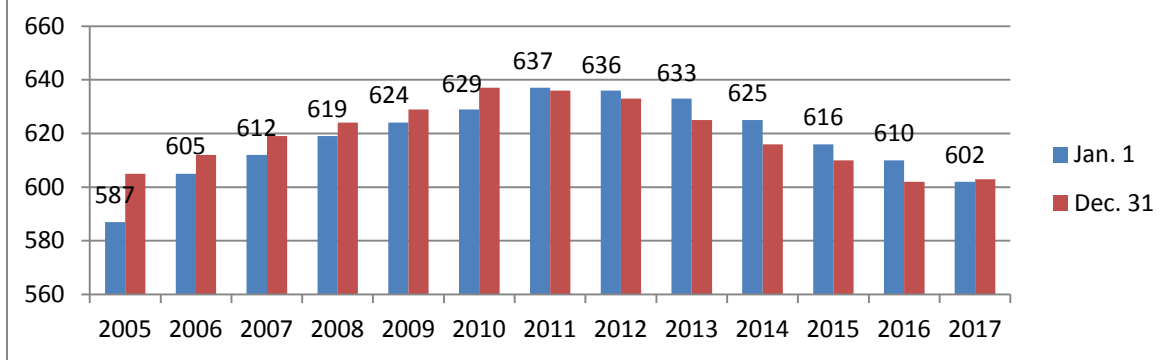
	<u><b>RAD</b></u>	<u><b>RT</b></u>	<u><b>MD</b></u>	<u><b>MR</b></u>	<u><b>Total</b></u>
Oregon	2	1	0	0	<b>3</b>
Pennsylvania	31	3	1	1	<b>36</b>
Puerto Rico	3	0	0	0	<b>3</b>
Rhode Island	2	0	0	1	<b>3</b>
South Carolina	12	0	0	0	<b>12</b>
South Dakota	6	1	0	0	<b>7</b>
Tennessee	16	3	0	0	<b>19</b>
Texas	36	5	2	1	<b>44</b>
Utah	2	0	0	0	<b>2</b>
Vermont	2	1	0	0	<b>3</b>
Virginia	15	2	0	0	<b>17</b>
Washington	4	1	1	0	<b>6</b>
West Virginia	9	1	0	1	<b>11</b>
Wisconsin	19	1	1	0	<b>21</b>
Wyoming	2	0	0	0	<b>2</b>
<b>Total</b>	<b>603</b>	<b>71</b>	<b>19</b>	<b>14</b>	<b>707</b>

## *Number of Programs by Type of Sponsor and Terminal Award - December 2017*

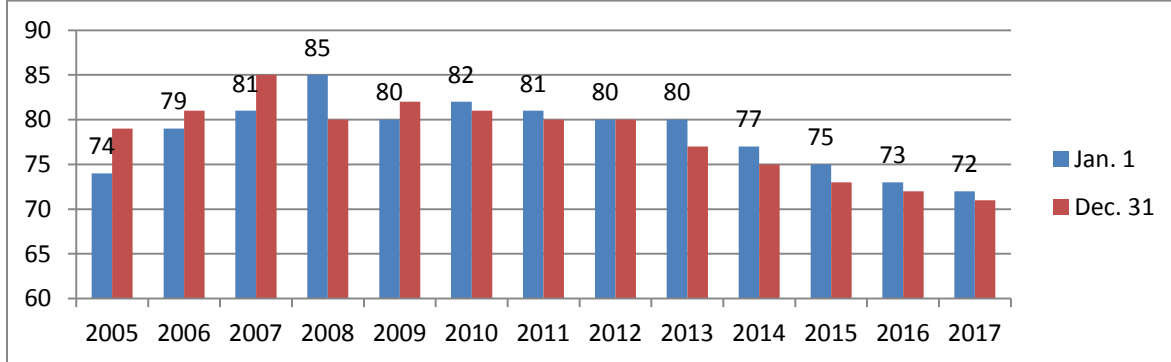
<i>Institution Type</i>	<i>Terminal Award Granted</i>	<b>Radiography</b>	<b>Radiation Therapy</b>	<b>Medical Dosimetry</b>	<b>Magnetic Resonance</b>
<b>Four-year College/University</b>	<i>Certificate</i>	2	1	5	0
	<i>Associate Degree</i>	78	1	0	0
	<i>Baccalaureate Degree</i>	43	36	3	8
	<i>Master's Degree</i>	0	0	4	1
<b>Community College</b>	<i>Certificate</i>	0	4	1	1
	<i>Associate Degree</i>	265	13	0	1
	<i>Baccalaureate Degree</i>	0	0	0	0
<b>Technical College/Institute</b>	<i>Certificate</i>	10	1	0	0
	<i>Associate Degree</i>	58	2	0	0
	<i>Baccalaureate Degree</i>	1	0	0	0
<b>Hospital/Medical Center</b>	<i>Certificate</i>	105	11	4	2
	<i>Associate Degree</i>	12	0	0	0
	<i>Baccalaureate Degree</i>	1	0	0	0
<b>Military/Government</b>	<i>Certificate</i>	1	0	0	0
	<i>Associate Degree</i>	0	0	0	0
	<i>Baccalaureate Degree</i>	0	0	0	0
<b>Proprietary</b>	<i>Certificate</i>	0	1	1	0
	<i>Associate Degree</i>	25	1	0	0
	<i>Baccalaureate Degree</i>	0	0	0	0
	<i>Master's Degree</i>	0	0	1	0
<b>Consortium</b>	<i>Certificate</i>	0	0	0	0
	<i>Associate Degree</i>	2	0	0	0
	<i>Baccalaureate Degree</i>	0	0	0	1
<b>TOTALS</b>		<b>603</b>	<b>71</b>	<b>19</b>	<b>14</b>
	<b>Number of Clinical Settings</b>	7,140	862	343	209
	<i>Inactive Programs</i>	0	1	0	0

# # of Programs (Gains and Losses) Per Year

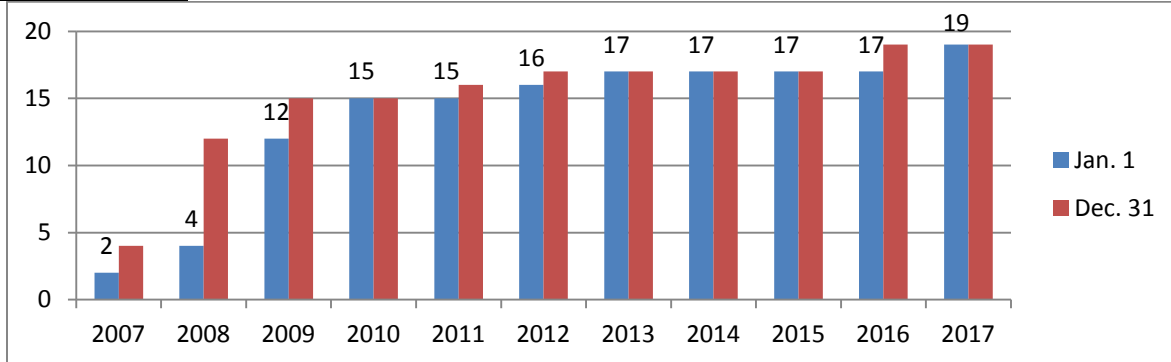
## Radiography



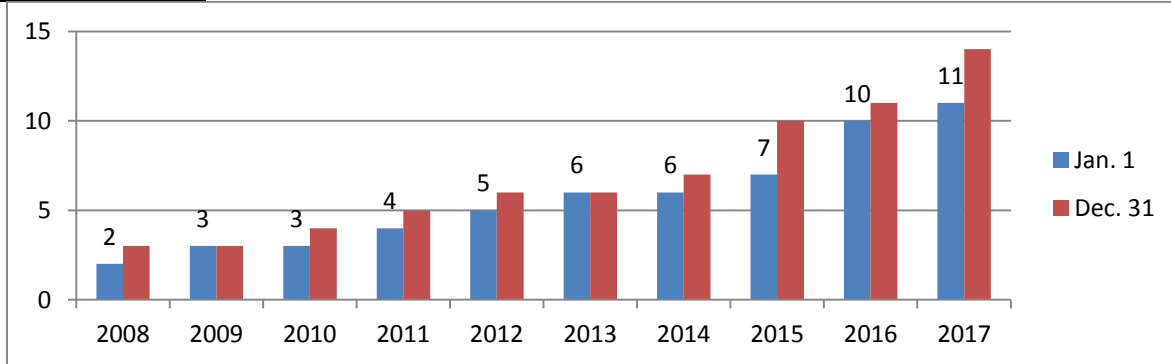
## Radiation Therapy



## Medical Dosimetry



## Magnetic Resonance



# *Trending for Educational Programs*

## *2014-2016*

All figures provided are approximate. Data is based upon information provided in 2014, 2015, and 2016 program annual reports. Not all programs, such as those closing, were required to submit a report. (Note: The data provided here may contain minor differences from other information in the report due to timing of data collection, etc.)

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<i>Year</i>	<i>Total programs</i>	<i>Total Potential Enrollments</i>	<i>Total Graduates</i>
<b><u>Radiography</u></b>			
<b>2014</b>	<b>597</b>	<b>12,721</b>	<b>10,591</b>
<b>2015</b>	<b>594</b>	<b>13,790</b>	<b>10,494</b>
<b>2016</b>	<b>593</b>	<b>12,781</b>	<b>10,260</b>
<b><u>Radiation Therapy</u></b>			
<b>2014</b>	<b>73</b>	<b>739</b>	<b>609</b>
<b>2015</b>	<b>69</b>	<b>787</b>	<b>670</b>
<b>2016</b>	<b>67</b>	<b>762</b>	<b>648</b>
<b><u>Magnetic Resonance</u></b>			
<b>2014</b>	<b>8</b>	<b>69</b>	<b>65</b>
<b>2015</b>	<b>10</b>	<b>102</b>	<b>89</b>
<b>2016</b>	<b>13</b>	<b>153</b>	<b>125</b>
<b><u>Medical Dosimetry</u></b>			
<b>2014</b>	<b>17</b>	<b>134</b>	<b>112</b>
<b>2015</b>	<b>19</b>	<b>202</b>	<b>147</b>
<b>2016</b>	<b>18</b>	<b>221</b>	<b>140</b>

## *2017 Accreditation Awards*

The following data represents all actions taken by the JRCERT Board of Directors from January 1, 2017 through December 31, 2017.

	Radiography	Radiation Therapy	Magnetic Resonance	Medical Dosimetry
<b>8-year</b>	63	6	0	1
<b>5-year</b>	28	4	0	0
<b>3-year</b>	8	0	0	0
<b>2-year</b>	0	0	0	0
<b>Probation</b>	5	0	0	1
<b>Voluntary Withdrawal</b>	3	1	0	1
<b>Involuntary Withdrawal</b>	0	1	0	0
<b>Initial Accreditation</b>	4	1	3	1
<b>Interim Reports</b>				
<b>Maintain 8-Years</b>	28	4	0	2
<b>Reduced</b>	5	0	0	0
<b>Substantive Changes</b>	34	5	3	3
<b>Miscellaneous *</b>	47	7	0	1
<b>TOTAL</b>	<b>225</b>	<b>29</b>	<b>6</b>	<b>10</b>

*\*Miscellaneous includes: Progress Reports, Transfers of Sponsorship, Teach-Outs, etc.*

## 2017 - Number of Site Visits Conducted

	<u>2017</u>	<u>2016</u>
Radiography	125	103
Radiation Therapy	11	15
Magnetic Resonance	2	4
Medical Dosimetry	2	0
Total	140	122

## Site Visitors

*The JRCERT recognizes those site visitors who participated in program evaluations conducted in 2017. We offer sincere thanks to our site visitors for their dedication to the profession and continued support of programmatic accreditation and the mission of the JRCERT.*

Albrecht, Gloria A.	Brogan-Raasch, Colleen	Dunn, Kerry O.
Alexander, Kelli L.	Buck, LuAnn	Dunn, Matthew R.
Allen, Denise R.	Butcher, Deanna L.	Eatmon, Stephanie
Anderson, Marilyn R.	Caldwell, Shaun T.	Eggert, Lynne
Andrews, Frances W.	Carlton, Richard R.	Farah, Michael B.
Arnold, Angie S.	Carrillo, Mary J.	Finnegan, Lisa L.
Arnone, Kelly A.	Carter, Stacey A.	Fleming, Kae Brock
Baker, Laura D.	Chamberlain, Toni A.	Floerchinger, Sherry M.
Barger, Peter J.	Charman, Dawn N.	Ford, Catherine A.
Bass, Suzieann	Cook, Joy A.	Fortsch, Peggy S.
Bode, Alan J.	Cooper, Catherine M.	Frazier, Karen A.
Bolognese-Gress, Katherine N.	Cornett, Robin T.	Garza, Joe A.
Bourne, Hazel E.	Crum, Linda M.	Garza, Rudy L.
Bower, Richard K.	Daigle, Amy G.	Gibson, Janice J.
Bradley, Gregory L.	Dehghanpour, Mahsa	Gildone, Elizabeth M.
Brewer, Patricia A.	Drago, Charles I.	Giordano, Patricia J.
Brewster, Frank J.	Drotar, Kathleen M.	Goodwin, Angela D.

Greathouse, Joanne S.	Millard, Matthew J.	Seneca, Melanie W.
Greenidge, Rimmon R.	Miller, Judith M.	Sheehan, Susan A.
Griesman, Patricia L.	Misrati, Donna M.	Shoener, Rebecca L.
Hayes, Steven G.	Moore, Sandra E.	Skaife, Timothy J.
Haugen, Kenya R.	Moorman, Karen M.	Slechta, Anita M.
Haynes, Kelli Welch	Morris, Sidney L.	Smith, Melton Dale
Hembree, Clyde R.	Muccio, Selina M.	Sonnier, Angela M.
Hensley, Chad N.	Murrell, James G.	Southern, Carol
Herrmann, Tracy L.	Nelms, Amber M.	Spencer, Elaine
Holas, Victoria	Newton, Mary Ellen	Stout, Rebecca L.
Ionescu, Tuta	Niewood, Joanne M.	Sykes, William W.
Ivan, Elaine R.	O'Brien, Joan E.	Theine, Kyle J.
Johnson, Jeniesa F.	Pack, Don A.	Tice, Gina C.
Keider, R. Charles	Palmer, LeShell J.	Todd, Kimberly R.
Kowtko, Christine R.	Patton, Kathryn M.	Trupo, Rosemary
Lanza, Sandra	Pennington, Jesse D.	Tryon, Jill M.
Lee, Christina G.	Perry, Mary Jo	Tucker, Jamie S.
Legg, Lisa D.	Peterson, Paulette A.	Urban, Ann S.
Leighty, Deborah R.	Peterson, Rebecca Ann	Uricchio, Nora G.
Lewis, Candice B.	Pickwick, Angela M.	Utz, Deborah Gay
Lippacher, Linda M.	Poelhuis, Debra J.	VanDerSchaaf, DeeAnn
Littleton, Laura J.	Preston, Roger A.	Walker, Sharla S.
Long, Donna L.	Pyles, Alice K.	Warino, Shellie I.
Martin, Janice F.	Raven, Edward R.	Weiss, April M.
Mason, Starla L.	Rill, David K.	Wells, Michele R.
Massey, Christian L.	Roberts, Kacey A.	Whitley, Melissa A.
May, William H.	Sass, Jim	Wilcox, Angie L.
McCowan, Kelly J.	Schmidt, Lisa F.	Wilcox, Ann J.
McPeak, Paula R.	Schmuck, Heather M.	Wilson, Nadine D.
Michael, Jennifer E.	Schroeder, Gail M.	Yarbro, Melissa
Migge, Victoria L.	Scosyrev, Gleb	Yotko, Hilary H.