



JRCERT

2018
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) is responsible for assuring that educational programs in the radiologic sciences are providing quality education for their students and that the integrity of those programs is not compromised. Recognition by the United States Department of Education as the only programmatic accreditation agency for radiography, radiation therapy, medical dosimetry and magnetic resonance allows us to demonstrate that responsibility to the programs, the students, and the profession.

The central issues addressed in 2018 that promoted our core values were:

- Received feedback and comments regarding the first draft of the revised Standards from communities of interest. The second draft was approved in October and posted in December. Feedback was again requested and remains ongoing. The JRCERT Board and staff attended several state, regional, and national professional society meetings to discuss the proposed revisions.
- In conjunction with the American Society of Radiologic Technologists (ASRT) Educational Foundation, the American Registry of Radiologic Technologists (ARRT) and several radiologic science educational organizations, the JRCERT Board Chair and Chief Executive Officer met with industry manufacturers to discuss the future of education in the profession and the advancements in equipment that will affect health care workers in radiology.
- Met with the ASRT at our annual meeting to discuss current issues in the profession.
- Implemented minor changes to the Accreditation Management System (AMS) and began to design and develop significant upgrades to assure future functionality.
- Conducted accreditation seminars, outcomes assessment workshops, and site visitor workshops.
- Began preparations of the JRCERT 50th Anniversary Excellence in Education Conference to be held in November 2019.

The JRCERT Board of Directors and staff continued to work persistently over the past year to assure that the mission of the JRCERT is never compromised and is proactive to the needs of our programs and the professional community. The support of the educational institutions that house radiologic science programs and our communities of interest allow us to continue providing oversight of quality programs that produce quality employees, thus meeting the needs of the profession now and in the future. On behalf of the JRCERT Directors and staff, I want to thank you for your continued support of programmatic accreditation.

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

Board of Directors



2018-2019 JRCERT Board of Directors

Left to Right: Beverly Felder, Lisa Schmidt, Julie Lasley, Loraine Zelna, Bette Schans, Laura Borghardt, Jason Stephenson, Tracy Herrmann, Chad Hensley

At the conclusion of the April 2019 meeting of the JRCERT Board of Directors, Laura Borghardt, M.S., CMD, will complete her maximum six-year term. The dedication and commitment of Laura to the organization has been invaluable. During her term, she served as Secretary/Treasurer for three years and assisted 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 2018-2019 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

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

Director of the Department of Health Sciences
Colorado Mesa University
1100 North Avenue, HS 212
Grand Junction, CO 81501
(970) 248-1651

First Vice Chair

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

Associate Professor
Misericordia University
Medical Imaging Department
301 Lake Street
Dallas, PA 18612
(570) 674-6438

Second Vice Chair

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

Secretary/Treasurer

Laura Borghardt, M.S., CMD

Medical Dosimetry Program Director
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Radiation Oncology Department
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(631) 444-9304

Directors

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

Retired Retention Specialist for Health Professions
Elgin Community College
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(847) 888-8143

Jason W. Stephenson, M.D.

Assistant Professor of Radiology
University of Wisconsin School of Medicine
and Public Health
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(608) 263-9474

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

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

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, Ph.D., R.T.(R)

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

Incoming Director

***(To be installed at the conclusion
of the April 2019 meeting of the
JRCERT Board)***

Mahsa Dehghanpour, Ed.D., CMD

Medical Dosimetry Program Director
The University of Texas M.D. Anderson
Cancer Center
1515 Holcombe Boulevard, Unit 2
Houston, TX 77030-4009
(713) 563-3489

JRCERT Staff

EXECUTIVE STAFF

Chief Executive Officer

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

Associate Director

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

Assistant Director

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

PROFESSIONAL STAFF

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), FASRT

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, B.M., B.A.

Administrative Assistant

Janet Luczak, B.S.

Office Assistant

Meagan Cruz

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.

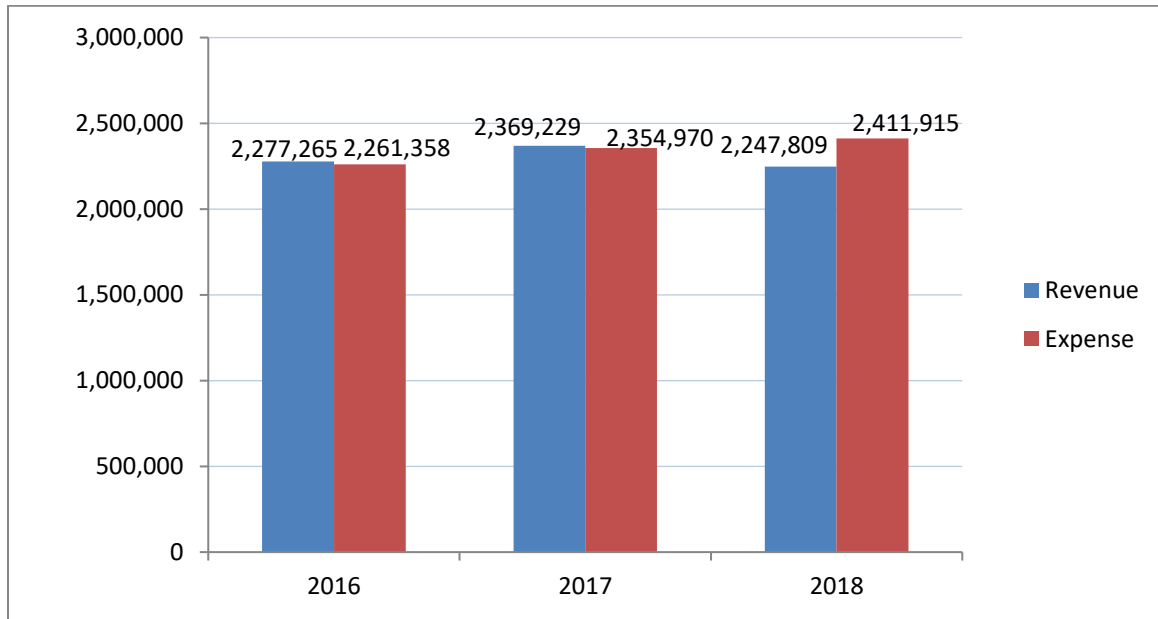
Programmatic accreditation provides value in several additional ways including:

- 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, Students Tab, Program Effectiveness Data.

Budget Summary

The JRCERT strives to maintain a balanced budget. Starting in 2018, significant upgrades were made to the Accreditation Management System (AMS) to ensure functionality.



Reported Program Effectiveness Data

An annual report is required of all continuing programs. This report reflects 2017 data reported by programs. Programs received the annual report survey requests in July of 2018 and were required to respond by October 5, 2018 (January 18, 2019 for programs with 4th Qtr. graduation dates) with program effectiveness data for their graduating class of 2017. All submitted information was reviewed for accuracy and any concerns were addressed by staff in 2018, or early 2019 for programs with late graduation months.

	Average Annual Program Completion Rate	Five-Year Average Credentialing Exam Pass Rate at 1 st Attempt	Five-year Average Job Placement Rate, 12 months post-graduation
Radiography	83%	91% (within 6 mos.)	96%
Radiation Therapy	89%	92% (within 6 mos.)	93%
Magnetic Resonance	95%	93% (within 6 mos.)	99%
Medical Dosimetry	98%	91% (within 12 mos.)	97%

2018 Number of Accredited Programs by State

	<u>RAD</u>	<u>RT</u>	<u>MD</u>	<u>MR</u>	<u>Total</u>
Alabama	10	1	0	0	11
Arizona	9	0	0	0	9
Arkansas	9	2	0	1	12
California	33	3	2	0	38
Colorado	6	0	0	0	6
Connecticut	8	2	0	0	10
Delaware	2	0	0	0	2
District of Columbia	1	1	0	0	2
Florida	34	3	1	0	38
Georgia	28	3	0	0	31
Hawaii	1	0	0	0	1
Idaho	5	0	0	0	5
Illinois	28	3	1	2	34
Indiana	17	3	2	0	22
Iowa	13	1	0	0	14
Kansas	5	0	0	0	5
Kentucky	13	1	0	1	15
Louisiana	12	1	0	0	13
Maine	4	0	0	0	4
Maryland	11	1	1	0	13
Massachusetts	12	4	1	0	17
Michigan	21	4	1	1	27
Minnesota	13	3	0	0	16
Mississippi	10	0	0	1	11
Missouri	17	1	0	1	19
Nebraska	7	1	0	1	9
Nevada	4	0	0	0	4
New Hampshire	2	1	0	0	3
New Jersey	15	2	0	0	17
New Mexico	4	0	0	0	4
New York	24	5	1	0	30
North Carolina	26	4	2	0	32
North Dakota	3	0	0	0	3
Ohio	28	2	1	2	33
Oklahoma	11	1	1	0	13

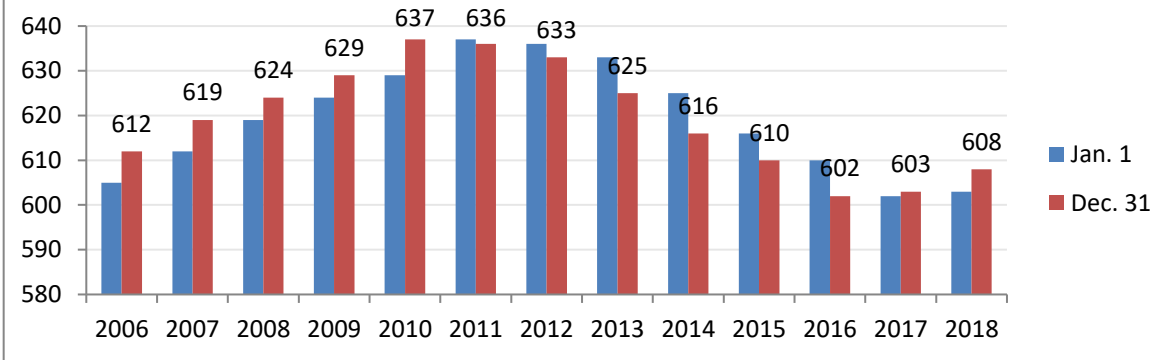
	<u>RAD</u>	<u>RT</u>	<u>MD</u>	<u>MR</u>	<u>Total</u>
Oregon	2	1	0	0	3
Pennsylvania	31	3	1	1	36
Puerto Rico	3	0	0	0	3
Rhode Island	2	0	0	1	3
South Carolina	12	0	0	0	12
South Dakota	6	1	0	0	7
Tennessee	16	3	0	0	19
Texas	36	5	2	1	44
Utah	2	0	0	0	2
Vermont	1	1	0	0	2
Virginia	15	2	0	0	17
Washington	6	1	1	0	8
West Virginia	9	1	0	1	11
Wisconsin	19	1	1	0	21
Wyoming	2	0	0	0	2
Total	608	72	19	14	713

Number of Programs by Type of Sponsor and Terminal Award - December 2018

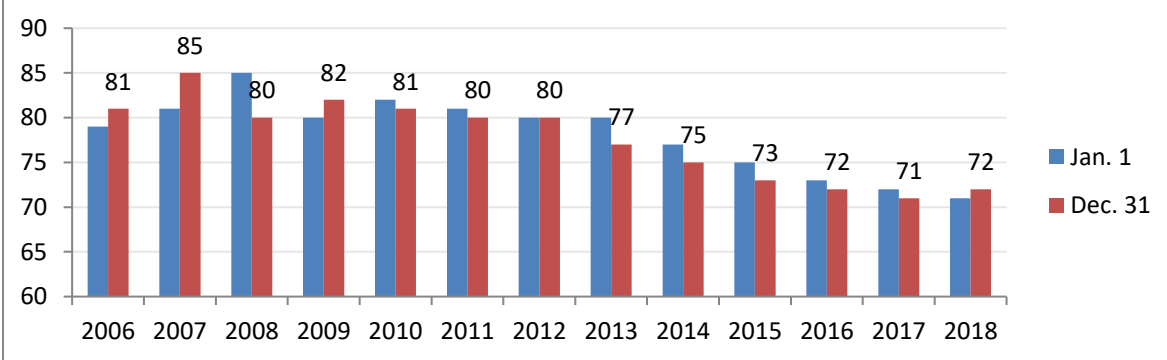
<i>Institution Type</i>	<i>Terminal Award Granted</i>	Radiography	Radiation Therapy	Medical Dosimetry	Magnetic Resonance
Four-year College/University					
	<i>Certificate</i>	2	0	5	0
	<i>Associate Degree</i>	78	1	0	0
	<i>Baccalaureate Degree</i>	46	36	3	8
	<i>Master's Degree</i>	0	1	4	1
Community College					
	<i>Certificate</i>	0	4	1	1
	<i>Associate Degree</i>	268	15	0	1
	<i>Baccalaureate Degree</i>	0	0	0	0
Technical College/Institute					
	<i>Certificate</i>	10	1	0	0
	<i>Associate Degree</i>	56	1	0	0
	<i>Baccalaureate Degree</i>	1	0	0	0
Hospital/Medical Center					
	<i>Certificate</i>	101	10	4	2
	<i>Associate Degree</i>	12	0	0	0
	<i>Baccalaureate Degree</i>	1	0	0	0
Military/Government					
	<i>Certificate</i>	1	0	0	0
	<i>Associate Degree</i>	0	0	0	0
	<i>Baccalaureate Degree</i>	0	0	0	0
Proprietary					
	<i>Certificate</i>	1	2	1	0
	<i>Associate Degree</i>	29	1	0	0
	<i>Baccalaureate Degree</i>	0	0	0	0
	<i>Master's Degree</i>	0	0	1	0
Consortium					
	<i>Certificate</i>	0	0	0	0
	<i>Associate Degree</i>	2	0	0	0
	<i>Baccalaureate Degree</i>	0	0	0	1
TOTALS		608	72	19	14
	Number of Clinical Settings	7,507	935	425	219
	<i>Inactive Programs</i>	0	0	1	0

of Programs (Gains and Losses) Per Year

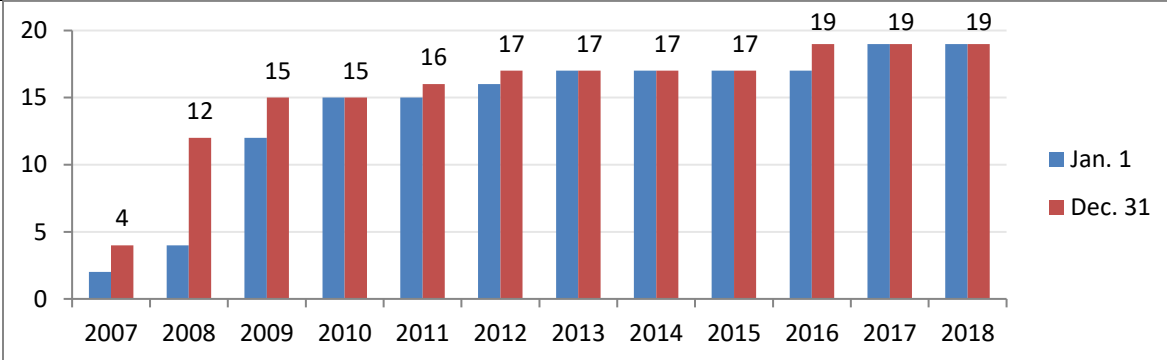
Radiography



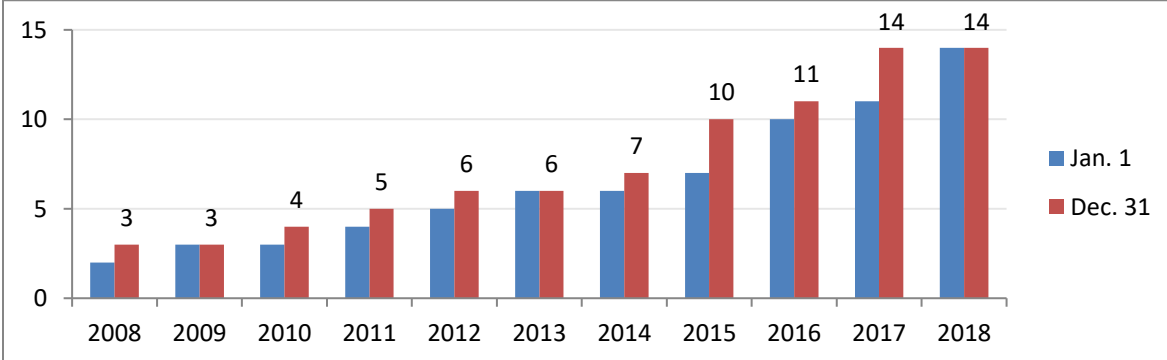
Radiation Therapy



Medical Dosimetry



Magnetic Resonance



Trending for Educational Programs

2015-2017

All figures provided are approximate. Data is based upon information provided in 2015, 2016, and 2017 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.)

<i>Year</i>	<i>Total programs</i>	<i>Total Potential Enrollments</i>	<i>Total Graduates</i>
<u>Radiography</u>			
2015	594	13,790	10,494
2016	593	12,781	10,260
2017	600	13,391	10,505
<u>Radiation Therapy</u>			
2015	69	787	670
2016	67	762	648
2017	67	730	675
<u>Magnetic Resonance</u>			
2015	10	102	89
2016	13	153	125
2017	14	164	154
<u>Medical Dosimetry</u>			
2015	19	202	147
2016	18	221	140
2017	18	220	148

2018 Accreditation Awards

The following data represents all actions taken by the JRCERT Board of Directors from January 1, 2018 through December 31, 2018.

	Radiography	Radiation Therapy	Magnetic Resonance	Medical Dosimetry
8-year	96	9	1	2
5-year	24	1	1	1
3-year	5	0	1	0
2-year	0	0	0	0
Probation	2	0	0	0
Voluntary Withdrawal	4	1	0	0
Involuntary Withdrawal	1	0	0	0
Initial Accreditation	11	1	0	0
Interim Reports				
Maintain 8-Years	52	6	1	2
Reduced	6	1	0	0
Substantive Changes	32	4	0	1
Miscellaneous *	46	5	1	3
TOTAL	279	28	5	9

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

2018 - Number of Site Visits Conducted

	<u>2018</u>	<u>2017</u>
Radiography	118	125
Radiation Therapy	13	11
Magnetic Resonance	4	2
Medical Dosimetry	4	2
Total	139	140

Site Visitors

The JRCERT recognizes those site visitors who participated in program evaluations conducted in 2018. 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.	Bradley, Gregory L.	Davis, Jennifer C.
Alexander, Kelli L.	Brewer, Patricia A.	Dehghanpour, Mahsa
Alexandre, Ellen E.	Brewster, Frank J.	DeRenzis, Linda J.
Allen, Denise R.	Brogan-Raasch, Colleen	Drago, Charles I.
Arnold, Angie S.	Bussman-Yeakel, Leila A.	Drotar, Kathleen M.
Bakel, Joanne S.	Butcher, Deanna L.	DuBose, Cheryl O.
Baker, Kristy M.	Caldwell, Shaun T.	Dunn, Kerry O.
Baker, Laura D.	Carlton, Richard R.	Dunn, Matthew R.
Barger, Peter J.	Carrillo, Mary J.	Eatmon, Stephanie
Bass, Suzieann	Carter, Stacey A.	Edwards, Amber L.
Benson, Kimberly R.	Chamberlain, Toni A.	Eggert, Lynne
Betz, D. Bradley	Charman, Dawn N.	Eichinger, John W.
Bode, Alan J.	Collins, Kevin S.	Farah, Michael B.
Boiteaux, Sonja K.	Cook, Joy A.	Felipe, Elena M.
Bourne, Hazel E.	Cooper, Catherine M.	Fleming, Kae Brock
Bower, Richard K.	Cornett, Robin T.	Floerchinger, Sherry M.
Bowers, Angela T.	Crofts, Amy L.	Ford, Catherine A.

Fortsch, Peggy S.	Mason, Starla L.	Scosyrev, Gleb
Frazier, Karen A.	Massey, Christian L.	Seneca, Melanie W.
Ganley, Christen M.	Maxwell, Tracie	Shaver, Gary W.
Garner, Rebecca A.	McCowan, Kelly J.	Shaver, Vicki E.
Garza, Joe A.	McKinnies, Richard C.	Sheehan, Susan A.
Garza, Rudy L.	McPeak, Paula R.	Smith, Melton Dale
Gildone, Elizabeth M.	Michael, Jennifer E.	Sonnier, Angela M.
Giordano, Patricia J.	Millard, Matthew J.	Southern, Carol
Goodwin, Angela D.	Miller, Judith M.	Spencer, Elaine
Greathouse, Joanne S.	Misrati, Donna M.	Stout, Rebecca L.
Greer, Deborah A.	Moore, Sandra E.	Sykes, William W.
Hall, Julie A.	Moorman, Karen M.	Theine, Kyle J.
Harmon, Pamela L.	Morris, Sidney L.	Thomas, Suzanne M.
Haynes, Kelli Welch	Murrell, James G.	Tice, Gina C.
Hembree, Clyde R.	Nelms, Amber M.	Tonning, Kristi
Hensley, Chad N.	Newton, Mary Ellen	Topf, Jill A.
Herrmann, Tracy L.	Niewood, Joanne M.	Torres-Padilla, Sara L.
Holas, Victoria	O'Brien, Joan E.	Trupo, Rosemary
Huffstetler, Jodie	Pack, Don A.	Tryon, Jill M.
Huynh, Melissa D.	Patterson, Debra	Tucker, Jamie S.
Ionescu, Tuta	Patton, Kathryn M.	Urban, Ann S.
Ivan, Elaine R.	Perry, Mary Jo	Uricchio, Nora G.
Jessup, Sarah B.	Peterson, Paulette A.	Utz, Deborah Gay
Johnson, Heather C.	Peterson, Rebecca Ann	VanDerSchaaf, DeeAnn
Keider, R. Charles	Pickwick, Angela M.	Vealé, Beth L.
Kelley, Carla J.	Poelhuis, Debra J.	Walker, Carla Campbell
Kelly, Lacy S.	Porter, Karen S.	Walker, Sharla S.
Ketchum, James Michael	Powell, Tara W.	Walters, Jacqueline S.
Kissel, Barbara A.	Purdy, Dawn R.	Warino, Shellie I.
Koehler, Julie M.	Pyles, Alice K.	Weiss, April M.
Kowtko, Christine R.	Raven, Edward R.	Whiteing-Williams, Delores Jewel
Labos, Melissa E.	Reszke, Cindy Kramer	Whitley, Melissa A.
Lara, Jeanifeer	Rideaux, Kameka L.	Wilcox, Ann J.
Lee, John J.	Rill, David K.	Wilcox-Hill, Angie
Lehrer, Richard D.	Russell, Amy	Wilson, Nadine D.
Leighty, Deborah R.	Sass, Jim	Yarbro, Melissa
Littleton, Laura J.	Schroeder, Gail M.	Young, April A.
Malone, James S.		