

2016 – 2017 MDCB Directors

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PRESIDENT'S LETTER



The field of Radiation Oncology is an ever changing profession. In particular, the specialized area of Medical Dosimetry has been receptive to these changes, as technology continues to rapidly move forward.

The Medical Dosimetry Certification Board must follow and test all technological changes required to perform the daily tasks administered by the dosimetrist. The roles of the practitioner are ever changing as are the responsibilities of the dosimetrist.

The MDCB has taken great strides to keep the MDCB exam current and reflective of the changing atmosphere. Daily tasks today are very different from the first years the MDCB was developed and therefore the exam must maintain relevancy. This year members of the MDCB board in conjunction with the test developer, reviewed the entire Item bank, checking for relevancy of today's minimal standards, as well as, assuring test items meet rigorous formatting standards.

In areas of CE opportunities and reporting, the MDCB is working closely with our sister organization, the AAPM. In the very near future, the reporting of CE's will be more seamless and quicker as both organizations work together to improve CE reporting directly to the MDCB database.

The number of CMD's continues to increase. To date, we number just over 4,200 worldwide. We have been averaging approximately 150 exam applicants per administration. With the elimination of the Route 2 candidate we anticipated a decrease in the number of applicants per year. This is an area of great concern for the MDCB as the number of applicants taking the exam for each administration is directly proportional to the reliability of our item statistics. We continue to monitor this statistic as it could possibly impact the number of times we administer the exam annually.

The exam statistics have been made available to program directors for some time now, but are now reported with statistics on how each school performs relative to the total applicant population.

The MDCB has had a very productive year. Passing the gavel to the AAPM liaison, Paige Dalton, on September 1st will be a bittersweet moment for me. I am confident that this will be seamless as we share a common goal, the betterment of our profession.

It has truly been my pleasure to serve as president of the MDCB for the past year.

– DIANA BAACKE

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CONTINUING COMPETENCE

Medical dosimetrists who achieve certification have been tested on a specific set of relevant knowledge and skills required to perform proficiently on the job. Over time, as the profession continues to evolve through technological innovation and an increase in knowledge, additional skills and expertise are required to competently carry out job functions.

Because of changes in the profession, dosimetry certification, similar to other certifications, is "time limited." Certification remains valid for an identified period of time, after which it expires. In order to maintain the credential, CMDs must complete continuing education activities. They are required to complete 50 continuing education credits in a five-year cycle.

The MDCB approves a broad range of activities to support CMDs in sustaining the credential and expanding comprehension of new information. These activities are in the form of national and regional seminars, webinars, self-study, directed journal readings and applications training courses. Approved activities can be determined through the "Activity Search" in the CE Center, <https://mdcb.learningbuilder.com>. Recognition of CMDs efforts to advance their continued growth in the field of medical dosimetry includes approval of presentations; journal authoring, reviewing and editing and college-level academic coursework.

The recertification process encourages certificants to remain current in the field of medical dosimetry. Further, employers and other members of the medical community can be confident in the CMD's abilities. Finally, recertification ensures that the credential maintains credibility and value.

CMD SURVEY

In the fall of 2016, the MDCB conducted a survey of CMDs. The Board of Directors was interested in garnering information about CMD preferences and professional practice to determine how to continue to meet the needs of certificants.

The request to complete the CMD Survey was distributed to 4,269 CMD practitioners. An unprecedented sixty-one percent of CMDs completed the survey, 2,608 practitioners.

Results of the survey are posted at <https://mdcb.org/news-and-events/cmd-survey-summary>. Demographically, CMDs represent a broad age range. Fifty-seven percent of CMDs are female. A majority hold a Baccalaureate degree.

A review of reported practice areas indicate that most CMDs are responsible for Image Fusion and Contouring Normal Structures. Approximately one-third of survey participants indicated responsibility for contouring of CTV and GTV struc-

tures. CMDs should be aware that this practice is contrary to The AAMD Scope of Practice and MDCB Ethical Standards. The MDCB is determining how best to support practitioners to ensure adherence to guidelines and delivery of quality patient care.

THE FEBRUARY MDCB CERTIFICATION EXAM

February 2017 Statistics

- 133 candidates were approved to sit for the exam.
- 127 candidates sat for the exam: 91 Route 1, 1 International and 35 Re-applications.
- The test was administered at 92 Prometric test sites in 4 countries.
- The overall pass rate was 72%. The pass rate for Route 1 candidates was 79%.*
- The scaled raw cut score for passing was 600 out of a total possible of 800.

*For previous administration exam stats, visit <https://mdcb.org/about-mdcb/exam-results>

Congratulations to the February 2017 Successful Candidates!

Nara Adams	Ashley Dougherty
Wafa Al-Hajal	Morgan Ennis
Elaine Almeida	Angelica Farrell
Brent Bachmann	Patrick Farris
Aaron Bishop	Chase Ford
Mollie Blake	Rachel Forman
Mark Bowers	Samantha Fortner
Wendy Boyd	Hillary Foster
Audrey Brown	James Friedman
Jena Burrow	Desirae Garcia
Ebison Chinherende	Robert Garza
Jamie Christ	Shanta Gosine
Trevor Cook	Brett Gunzenheiser
Kristen Court	Patricia Hartman
Kerri Cuccaro	Cody Helderan
Divya Dave	Jong-Han Ho
Gwendolyn Deger	Erhong Hu
Alexandra DeMarais	Anthony Huynh
Glen Dimick	Cory Hymes
Yen Do	Joshua Ingram

Danny Jacob
 Sanju John
 Christopher Johnson
 Kelsey Johnson
 DongMin Jung
 Danyelle Kauble
 Muluaem Kefene
 Raheel Khan
 Albert Kormos Jr
 Kelly Kovach
 Karen Krueger
 Hyemin Ku
 Yohan Kwon
 Matthew Larlham
 Michael Le
 Caitlyn Leddy
 Aziz Lirani
 David Lloyd
 Carrie Lujano
 Christopher Lyons
 Kylee McConnell
 Lynnea McCullough
 Elizabeth Medrano
 Machele Michels
 Kapil Mishra
 Anh Thu Nguyen

William Nicolai
 Sean Odou
 Anthony Ortiz
 Katelyn Palermo
 Joann Park
 Yaguang Pei
 Tayisiya Polishchuk
 Julie Roberts
 Azar Rosemaryam
 Lauren Rydquist
 Sopaul Seng
 Bhanumati Shah
 Luxshan Shanmugarajah
 Hirra Siddiqui
 Jennifer Sillings
 Vallinayagi Sivabhaskar
 Christine Starks
 Corbin Stefan
 Bryan Streitfeld
 Matthew Taylor
 Kenneth Tiffany
 Marissa Tranquilli
 Marlise Wachter
 Kristy West
 Xiyuan Yao
 Brianna Zehren

- Directed Journal Readings
- Applications Training Courses

Continuing education credits are also awarded for personal credit requests:

- College-level coursework
- Journal authoring, reviewing or editing
- Presentations of MDCB-approved activities

Details regarding eligible continuing education activities are at: <https://mdcb.org/continuing-education/eligible-activities>.

AAMD NEWS

Start Revving Up for the Future at the AAMD 42nd Annual Meeting, June 11 – 15, 2017 in Indianapolis

Sharpen your treatment planning skills while earning 30+ MDCB/ARRT CE credits (anticipated) and networking with your colleagues from around the world. Enjoy exhibits, sponsored lunch symposia with bonus CE credits and a night of baseball fun at Victory Field too! Check out the full meeting schedule, which includes workshops for billing and coding, making scientific presentations, image registration, treatment planning and more. Register today!

Meet Up with RPCI and AAMD in Niagara Falls this September for Continuing Education

Make plans now to join the Roswell Park Cancer Institute and AAMD for the 2017 Radiation Oncology Conference for Therapists and Dosimetrists, September 7 - 9 in Niagara Falls, NY for educational sessions, networking and exhibits. 14 MDCB/ARRT CE credits (anticipated). Learn more about this meeting.

MDCB AT THE AAMD ANNUAL CONFERENCE

MDCB Booth in the Exhibit Hall – The MDCB will be participating in the exhibit hall from Sunday, June 11th through Tuesday, June 13th. Come visit the MDCB.

Attend the MDCB Presentation – Join the MDCB Presentation, *MDCB Exam: Reliability & Validity*, on Wednesday, June 14th. Learn about exam development, question construction, exam scoring and challenges of exam administration.

MAINTENANCE OF CERTIFICATION

Continuing education credits are awarded for MDCB pre-approved activities:

- Lectures and seminars
- Self-study
- Webinars

PROFESSIONAL RESPONSIBILITY STATEMENT

As a recognized member of the health-care field providing critical care to individuals facing life-threatening illnesses, it is the sole responsibility of each Certified Medical Dosimetrist to adhere to the MDCB Ethical Standards, renew his/her credential annually by December 31 of each calendar year, earn and document 50 continuing education credits in each five year cycle and make necessary updates to personal contact information in the CE Center. Renewal fees submitted after December 31 will be subject to a late fee. Failure to submit the renewal and penalty fees for any calendar year may result in loss of the CMD credential.