

2022–2023 Directors

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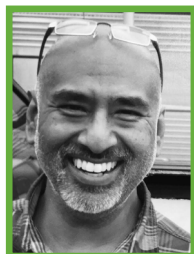
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President's Letter



CHRISTOPHER AMALOO
BSEE, CMD

It has been almost three years since pandemic-related lockdowns began, forever altering the nature of how we live, work, care for each other, and stay healthy. During this time, the MDCB has steadfastly preserved its mission of the advancement of the profession through certification and continuing education standards that enhance quality patient care. The most recent exam continues to emphasize the high caliber of candidates attempting it; I offer my most sincere congratulations in welcome to our newly minted certified medical dosimetrists!

At our latest meeting, the MDCB Board of Directors confirmed its commitment to the development of performance-based testing as part of its ongoing and continuous effort to improve the exam content reflective of current best practices. We are working diligently with Prometric, the test administrator, to ensure a robust and optimal process is achievable as these highly clinical-based questions are introduced.

The candidate experience, combined with the needs of the educational institutions, continue to be important elements in the design and deployment of the exam. With these factors in mind, we remain focused on maintaining the highest standards and methods to deliver a psychometrically sound and legally defensible exam. The Board is composed of a diverse selection of dosimetrists with varied backgrounds to provide representation across our professional spectrum, with educators, medical physicists and radiation oncologist participation helping to ensure the best quality exam. The MDCB's devotion to diversity, equity, and inclusion continues in partnership with the AAMD with the creation of a joint position statement to help guide our organizations in this complex and appropriate endeavor.

The MDCB's recently improved social media efforts include both an updated website and ongoing LinkedIn spotlights. Additionally, please be on the lookout for *new quarterly blog posts*, our latest foray to help advance communications with our stakeholders. While the upcoming initial content is already firmly established, we are still actively searching for future copy. We look forward to receiving submissions such as student research, post-pandemic lessons learned, the future state of our profession, or other interesting current clinical practices to share with our community. Please reach out to info@mdcb.org for further details, or with any comments or questions.

Best Regards,

Christopher Amaloo BSEE, CMD
MDCB President ♦

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UPDATE ON The MDCB Exam

The MDCB continues to assess the exam to ensure relevance to current dosimetry practice. Rigorous exam development procedures are exercised in accordance with best practice guidelines and in support of MDCB's accreditation with the National Commission for Certifying Agencies. The MDCB Board conducts regular item development and review. Exam items are created in alignment with the [test specifications](#).

Test specifications are determined every five years through the conduct of a job task analysis (JTA), a certification testing industry standard. Planning for the next job analysis study will begin in 2023. Following the conduct of the Job Task Analysis, revised test specifications will be published.

The goal of the exam is to measure candidates' knowledge, skills, and abilities as identified by the JTA. The MDCB will be expanding the use of the Elekta ProKnow platform on the CMD exam to assess clinical proficiency. The MDCB continues to monitor the functionality of the PBT items to ensure the best experience for exam candidates. Currently, candidates are asked to review a scan and respond to a multiple-choice question that references the scan. These items will continue to be included on the exam. MDCB will begin incorporating the ProKnow platform on the exam for the execution of contours. These performance-based items will have greater fidelity to the work of dosimetrists. Please look for the advance notification of these changes to the exam.

The MDCB will continue to strive to achieve its mission to "steer the advancement of the Medical Dosimetry profession."

September 2022 Exam Statistics

- 102 applications were approved, 101 US candidates and 1 international candidate.
- The test was administered at nearly 80 Prometric test sites in the US and internationally.
- The pass rate was 92%.
- The scaled raw cut score for passing is 600 out of a total possible of 800. ♦

MDCB Scholarship

The MDCB is a proud supporter of the AAMD Foundation Scholarships. In 2022, five exam registration vouchers were presented to students of JRCERT-accredited programs. The recipients of the award are:

- Hai Nhu Ho, The University of Texas M.D. Anderson Cancer Center
- Anthony Machuca, SUNY at Stony Brook University
- Caleb McGowan, Grand Valley State University
- Vicente Ornelas, Grand Valley State University
- Zhaohui Xie, John Patrick University

Profiles of the award winners can be viewed [here](#). To learn more about scholarship applications, visit the AAMD Foundation website. ♦

CONGRATULATIONS

to the September 2022 exam candidates who successfully challenged the exam!

Khushbkhat Ahmed
Telly Armstrong
Aaron Ayers
Adrian Barraza
Michael Beagley
Dari Bragg
Matthew Bukowski
MaLora Bush
Leila Casamento
Hoi Wai Chau
Jenna Cimmiyotti
Amber Coffey
Katelyn Cotten
Megan Criscuolo
Christian Czmielewski
Spencer Day
Karina Dean
Akaysha Diekmann
Renee DiNocco
Amy Evans
Julia Fornaca
Victoria Gallina
Anthony Galotifiore
Chelsea Gehrige
Tina Graham
Erica Grothoff
Courtney Hadsell
Benjamin Harrington

Peiran Hu
Caitlyn Huelskamp
Ashton Hunter
RaeLyn Iacobo
Kendra Jackson
Mica Jackson
Meghan King
Dylan Kozlowski
Makayla Lancaster
Keith Larsen
Jennifer Le
Jennifer Lee
Ji Lee
Kara Lehman
Damion Loli
Peter Luce
Christopher Markley
Jamie Matsui
Allison McKelvey
Collin Nappi
James Nevins
Bradley Newby
Jennifer Nguyen
Miguel Olivares
Yoori Om
Fariha Omar
Tracy Origer
Jessica Pagan Montanez

April Parker
Phillip Phelan
Alexis Puruleski
Helen Rapoza
Charlene Rhodd
Amanda Rodriguez
Angelia Royse
Ciara Russell
Nicolette Sawicki
Abigail Scheffler
William Scott
Amanda Sereyka
Tangang Shikei
Kevin Shivel
Amber Stapleton
Dakota Sturgess
Bradley Thompson
Heather Tracy
Alan Tran
Dylan Tripoli
Luke VanLanen
Xinxin Wang
Amanda Waters
Sara Williamson
Melissa Wojno
Steven Yorio
Makensey Zahner
Asad Zameer

2023 Exam Dates

Dates for the administration of the 2023 January and September exams have been posted on the [MDCB website](#).

The exam is administered at Prometric Test Sites around the world. Please visit "Locate a Test Center" at www.prometric.com. ◆

MDCB Thanks Outgoing Board Members

The MDCB extends its sincere thanks to outgoing board of director members, Pierre Beaunegre, MS, CMD, Destiny Jacobs, MS, CMD and Daniel Song, MD. The MDCB wishes Pierre, Destiny and Daniel continued success in all their endeavors.

While on the board, Pierre served on several MDCB committees. He chaired the Maintenance of Certification Committee and was the Chair of the first Diversity Equity & Inclusion Committee.

During her service on the board, Destiny participated on several committees. She chaired the Bylaws & Ethics Committee and was a member of the Executive Committee for the 2018-2019 fiscal year.

Dr. Song serves as Co-Director, Prostate Cancer Multidisciplinary Clinic and Professor of Radiation Oncology and Molecular Radiation Sciences at John Hopkins, Baltimore, MD. ♦

Welcome New Board Members



Natasha Gump, RT(T), CMD At-large Representative

Natasha Gump is a dosimetrist with Piedmont Henry Hospital in Stockbridge, Georgia. She received her associate degree in Radiation Therapy in 2001. She obtained her dosimetry certification from the University of North Carolina at Chapel

Hill and earned her CMD in 2006. In 2012, she obtained her Bachelor of Science degree in health science from Nova Southeastern University.

With Piedmont, Natasha is an active member of the metro Atlanta Continuous Quality Improvement Committee (CQI), co-facilitates physics residency leadership fundamentals, and co-chairs the metro Atlanta dosimetry peer review committee.

Natasha participated in the 2018 MDCB Job Task Analysis Pilot Survey and served on the 2019 MDCB Cut Score Study Task Group. Currently, she volunteers on the AAMD membership committee.



Antonio Martinez Jr., CMD At-large Representative

Antonio earned his B.S. in Biology from the University of Texas at Brownsville and Texas Southmost College in 2014. He went on to earn his B.S. in Medical Dosimetry at the University of Texas MD Anderson Cancer Center in 2017 and

passed the MDCB certification exam to receive his CMD certification in 2018.

Tony is considered by his colleagues to be a great asset in the advancement of the dosimetry profession at his workplace, Texas Oncology, where he served on the Dosimetry Excellence Leadership Committee. He has also been instrumental in implementing standard templates and planning protocols, as well as working on Eclipse scripting. He has delivered a number of presentations on treatment planning tips and tricks.



Aditya Halthore, MD ASTRO Representative

Dr. Aditya Halthore is the ASTRO liaison to the MDCB. He is an Assistant Professor, Dept of Radiation Oncology and Molecular Radiation Sciences, Johns Hopkins. His clinical focus is in thoracic and genitourinary cancers. ♦

Board Service Nominations

Nominations for MDCB Board Service are accepted from November 1st, 2022 through February 1, 2023.

What are the qualifications for board service?

The MDCB seeks a well-balanced board that reflects the requirements for a public member, medical physicists and radiation oncologists as well as diversity in composition. CMDs should meet the following criteria:

- Be a CMD for a minimum of 3 years
- Have a minimum of a BS degree
- Be a current practitioner

What's involved?

- CMD Board terms are 5 years in length.
- The Board meets for two days, 3 times a year, in cities across the US and Canada.
- At board meetings issues related to the administration of the certification exam, policy and strategic initiatives are considered.
- Individual board members' knowledge and expertise are an important component during discussions. Each member is expected to be prepared to discuss the issues at all meetings.
- Each board member serves on one or more board committees: Diversity Equity & Inclusion, Executive, Eligibility, Ethics, Finance, Leadership Development, Maintenance of Certification or Test Development. Time commitment on each committee varies and may be up to 2 hours per week. Committee service is rotated annually.

- Board members are guided through the process to submit up to (five) exam items for each board meeting and will be awarded a maximum of 20 CE during the board term.

So why would you want to give your time and effort?

- Quite simply, because you will be rewarded. The reward is not in funds, of course, but in other valuable currency:
 - Continuing education - learn from fellow board members in the oncology field, CMDs, Physicists and Radiation Oncologists.
 - Professional growth - gain new leadership skills that will augment your CV.
 - Interpersonal skills development - build both social and career relationships that will last for many years.
 - Pride in enhancing the profession - giving back to your community, your knowledge, expertise and time.

What is the nominating process?

- Applications are reviewed by the MDCB Leadership Development Committee.
- Selected candidates are interviewed via teleconference by the committee.
- The committee recommends candidates for nomination to the board.
- Final candidates are elected by board vote.
- Elected candidates are notified of board decisions in March.

Applications are available for download [here](#).

CMDs interested in board service or who wish to nominate a fellow colleague can submit a completed application, and email it with a current CV, letter to the president indicating your service goals and two letters of recommendation to info@mdcb.org with the subject line «MDCB Board Nomination.» ♦

Updates and Reminders from the AAMD

Save the Dates for these AAMD Educational Events in 2023:

AAMD Proton Planning Virtual Symposium – Here’s your chance to participate in medical dosimetry continuing education and network virtually with your peers! The Proton Planning Symposium will feature one day of live sessions on **March 3, 2023**, plus recorded sessions to earn between 6 and 10 CE credits. There will also be a live panel discussion of the presenters to answer questions and compare notes! See the [AAMD website](#) for abstract submission and event details.

AAMD 48th Annual Meeting – Make plans now to join your medical dosimetry colleagues for the **AAMD 48th Annual Meeting, June 4 – 8, 2023 in New Orleans, LA**. Built around the theme “The Big Easy of Treatment Planning,” the program will provide insights into the latest developments in medical dosimetry. Registration will open in January. Watch the [AAMD website](#) for updates. ♦

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 the 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 fees for any calendar year may result in the loss of the CMD credential.