



Phoenix Locations



Amir Sadeghi, PhD DABR **Radiation Oncology Physics Regional Director**

Amir, Sadeghi, PhD, DABR is the division Chief of Medical Physics in the Department of Radiation Oncology, Banner Health organization. He is certified by American Board of Radiology and Assistant Professor at The University of Texas MD Anderson Cancer Center.

Dr. Sadeghi received a PhD in medical physics from the University of Texas Health Science Center, San Antonio and is board-certified by the American Board of Radiology (ABR) in Therapeutic Radiologic Physics. During the last 20 years of his active involvement in Oncology, he has attained experience and practiced in both the technical and clinical aspects of this field while working closely with leading radiation oncologists and medical physicists. Through most of his career he has held positions in management and leadership in Oncology. He has served as a liaison for equipment-developing companies, providing direction for their R&D departments. As a result, he has been involved with many FDA clearance approvals for companies. He supervised the delivery of the first clinical Partial Breast Irradiation in the country.

His contributions to research and training have impacted both the application and academic realms of Oncology. His financial skills have been very effective in bringing over a \$1,000,000 of nonprofit funds to the institution to support a variety of research and teaching programs. As a result, he has been able to fund and mentor MS and PhD students while running a medical physics residency program. He developed a program that provides scholarships and teaching sessions. Today, these programs and scholarships have been established in major hospitals in the U.S. and Canada; there are prospects of international expansion.

His experience and background have assisted the leadership program in Medical Physics. To ensure an effective leadership, he has developed short term goals to make sure that all the clinics operate under the same guidelines and solidify a united and strong Medical Physics program for each clinic. In the long-term plan, he has worked diligently to be instrumental in obtaining funding for research and training at our cancer center. In addition, he also works side by side with other leaders at Banner MD Anderson Cancer Center to achieve the highest goals for our cancer center.



Mickie Baca, MS DABR

Location: Banner MD Anderson Cancer Center at Banner Thunderbird

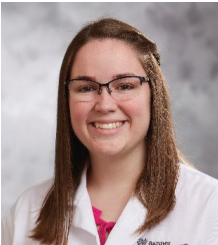
Mickie Baca is an ABR certified medical physicist and is the lead medical physicist at the Thunderbird campus. She is an Arizona native and received her Bachelor of Science from Northern Arizona University. She attended Georgia Institute of Technology where she received her Master of Science in Medical Physics. Her current work interests include research in stereotactic body radiotherapy, treatment planning, and process improvements. She is also currently pursuing her doctoral degree. Personal interests include sports, music, cooking, and spending time with family and friends.



Tomasz Bista, MS

Location: Banner MD Anderson Cancer Center at Banner University Medical Center Phoenix

Tomasz Bista is a clinical medical physicist for the University campus. He started his professional career at Northwestern Memorial Hospital in Chicago in the early nineties. During his 11-year endeavor at Northwestern, he completed training in radiation therapy, medical dosimetry, and medical physics. His current interests include stereotactic radiosurgery, stereotactic body radiotherapy, external beam radiotherapy, and treatment planning beam modeling. Outside his professional responsibilities, he enjoys music, sports and spirituality.



Mary Esther Braswell, MS

Location: Banner MD Anderson Cancer Center at Banner Desert

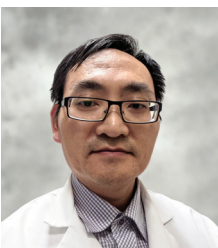
Mary Esther Braswell is the lead clinical medical physicist at the Desert Campus. She also leads the quality assurance program for the external beam therapy machines at Banner MD Anderson Cancer Center. Her love of math and problem solving were what drew her to this field. She has an AS in physics from South Georgia State College, a BS in physics from the University of North Georgia, and MS in medical physics from Duke University.



Lindsay Chen, PhD DABR

Diagnostic Medical Physicist

Dr. Lindsay (Lingyun) Chen is the Medical Physicist at Banner MD Anderson Cancer Center, specialized in Diagnostic Imaging and Nuclear Medicine. She obtained her PhD in Medical Physics at The University of Texas MD Anderson Cancer Center and Diagnostic Physics Residency training at Mayo Clinic. Her clinical service includes development and supervision of QC/QA program of CT, MRI, NM, PET and Mammography; Optimization, management standardization of imaging protocol; Supervision of the preparation, handling, and disposal of radionuclides; management of patient radiation dose. Her research interests are focused on improving quantification of radionuclide biodistribution in nuclear medicine theranostics exams to improve patient care. She is actively involved in professional committees, such as Breast Tomosynthesis Subcommittee, QIBA FDG-PET Biomarker Committee and QIBA Lung Density Biomarker Committee, and she serves as a referee for journals of Medical Physics and Applied Clinical Medical Physics.



Hua Deng, PhD DABR

Location: Banner MD Anderson Cancer Center at Banner University Medical Center Phoenix

Dr. Deng is a clinical medical physicist for the University Medical Center campus. His interests include statistical modeling of radiation therapy effects, optimization of quality assurance procedures. He graduated from the University of Miami with a PhD in Physics and received medical physics training at Johns Hopkins Hospital. He was an assistant professor with the University of Nebraska Medical Center prior to joining Banner. He enjoys meditation and hiking.



Derek Fetters, DMP DABR

Location: Banner MD Anderson at Banner Gateway Medical Center

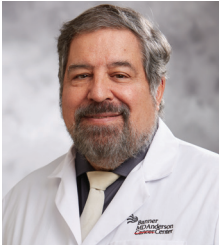
Derek Fetters is a board-certified clinical medical physicist for the Gateway campus. He received his BS in physics from the University of Louisville in 2012 and his professional doctorate in medical physics (DMP) from Vanderbilt University in 2017. His residency was completed at Vanderbilt and Mayo Clinic in Jacksonville, Florida. He started his career in Dayton, Ohio, before joining Banner in 2019. His current interests include stereotactic radiosurgery (SRS), stereotactic body radiotherapy (SBRT), and process improvement. Outside of work, he enjoys hockey, music, and hiking.



Nicholas Marsh, MS DABR

Location: Banner MD Anderson at Banner Gateway Medical Center

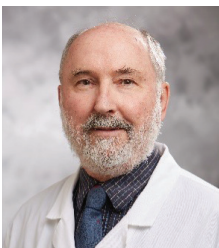
Mr. Marsh is a medical physicist at Banner MD Anderson serving multiple campuses in the Phoenix valley. He studied medical physics at Indiana University. He received clinical training at the Willis-Knighton Cancer Center in Shreveport, Louisiana which is a part of the Louisiana State University medical physics residency program. Mr. Marsh is interested in brachytherapy, treatment planning, and the training of medical physicists. He currently serves as a guest member of the history committee of the AAPM and as secretary and treasurer for the Arizona chapter of the AAPM. He enjoys traveling and cooking.



Stephen Sapareto, PhD DABR FAAPM

Therapeutic Medical Physicist

Stephen Sapareto is a past Director of Physics for Banner MD Anderson Cancer Center and founder/past Director of the Medical Physics Residency program at Banner MD Anderson. Now in retirement, Dr. Sapareto continues to provide medical physics services to the department and remains engaged in the residency program. He has contributed to the AAPM as a member of the Science Council, Chair and member of the Biological Effects Committee and served on the Board of Directors (2011-2014) and was the first President of the Arizona Chapter of the AAPM which he helped create in 2010. Dr. Sapareto is an examiner for the ABR and a surveyor for ACR accreditation. He has trained numerous students and residents and has over 55 peer reviewed publications.



Thaddeus Sokolowski, MS DABR

Location: Banner MD Anderson at Banner Gateway Medical Center

Thaddeus Walter Sokolowski is a clinical medical physicist for the Gateway campus. He graduated from McMaster University in Ontario, Canada with a MS in Health and Radiation Physics. He started his medical physics professional career at Baylor University Medical Center in Dallas, Texas in the early 90's. During his assignment at Baylor and now at Gateway in Phoenix, he assisted in all aspects of radiation therapy, medical dosimetry, and medical physics training. His current professional interests include, external beam radiotherapy and small field dosimetry, Linac QA, in-vivo dosimetry and HDR treatment planning.



Steven Sutlief, PhD DABR FAAPM

Location: Banner MD Anderson Cancer Center at Banner Boswell Medical Center

Dr. Sutlief is the clinical medical physicist for the Boswell campus. He is also the Director of the Medical Physics Residency Program. His interests include quality assurance for external beam therapy, quality and safety within radiation oncology, and novel dosimeters. He currently chairs a Working Group and Task Group within the AAPM, is a council member of the NCRP, and serves as an associate editor for the journal Medical Physics. His publications include an AAPM Summer School proceedings, several AAPM Task Group reports, an NCRP Report, and more than 50 peer reviewed articles. He graduated from the University of Washington with a PhD in High Energy Physics, where he received further training in medical physics. Dr. Sutlief is a fellow of the AAPM.

Medical Dosimetry Team



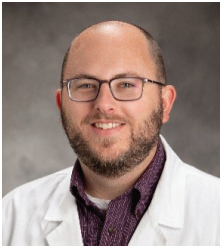
Colorado Locations



Alex Markovic, PhD DABR

Location: Banner MD Anderson Cancer Center at North Colorado Medical Center, Banner MD Anderson Cancer Center at McKee Medical Center, Sterling Regional Medical Center

Alex Markovic is the Medical Physics Program Director at Banner Health in Colorado. Dr. Markovic has been a clinical medical physicist for more than 25 years and has been in leadership roles for more than ten of those years. Dr. Markovic has held officer positions in the Rocky Mountain and Mid-West Chapter of AAPM, including President in both. He is an examiner for ABR and a site reviewer for APEx accreditations. Interests within radiation oncology include quality improvement, motion management and the use of 3D printing for constructing treatment devices. He was the Director of a medical physics graduate program for five years in North Chicago, Illinois. He earned his BS in physics from Concordia University in Montreal, Canada and PhD from Rosalind Franklin University in North Chicago, Illinois.



Lincoln Webb, MS, DABR

Location: Banner MD Anderson Cancer Center at McKee Medical Center

Lincoln Webb is a board-certified radiation oncology physicist at our McKee campus in Loveland, Colorado. He has a BS in physics from Utah State University and a MS in medical physics from Duke University. He has been a part of the Banner MD Anderson team since 2015 and has been in the field for over ten years. His interests include high dose rate (HDR) brachytherapy, stereotactic radiosurgery (SRS), and patient-specific quality assurance. Outside work he enjoys reading, running, video games, and playing the piano.



Timothy Kensora, MS, DABR

Location: Banner MD Anderson Cancer Center at North Colorado Medical Center

Tim Kensora is a Medical Physicist that received his Masters degree from Wayne State University in Detroit, Michigan. For much of his career, while primarily focusing on Radiation Therapy, he also served in limited capacities in Diagnostic Radiology and Nuclear Medicine as well as serving as Radiation Safety Officer in both Agreement and Non-Agreement states. His career has taken him through multiple hospitals and stand-alone radiation oncology facilities, where his interest in radiation physics and its applications to treating cancer have continued to develop. He has experience with most modalities including SRS, SBRT and HDR. Outside of work, he enjoys spending time with family, traveling, hiking and biking.

Medical Physics Residents



Megan Witte, MS

Location: Banner MD Anderson at Banner Gateway Medical Center

Megan Witte is a second-year medical physics resident at the Gateway campus. She majored in Neuroscience and Behavior for her undergraduate. Her love of science and the challenge of learning high level information lead her to pursue a MS degree in Medical Physics at the University of Miami. She worked on 3D-voxel based dosimetry for yttrium-90 (Y90) during her time there. For fun, she enjoys art, staying active, and going out in nature.



Nathan Otero, MS

Location: Banner MD Anderson at Banner Gateway Medical Center

Nathan Otero is a first-year medical physics resident at the Gateway campus. He majored in Physics at his undergraduate program at the University of Cincinnati before working as a Varian ProBeam Site Engineer to help implement proton therapy at Cincinnati Children's Hospital. He then went back to school for a Masters degree in Medical Physics at Columbia University in New York. Upon graduation, he worked on the SunCHECK automated machine and patient QA product as a Clinical Applications Physicist with Sun Nuclear Corporation for one year before attending the residency program. He enjoys indoor rock climbing, movies, and recently decided biking to work in the Arizona heat was a wise decision.