



SAN DIEGO STATE  
UNIVERSITY

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Dear Potential Medical Physics Applicant

The Masters in Medical Physics program at San Diego State University is accepting applications for Fall 2023. Our graduate program (MS) in medical physics has been **accredited by CAMPEP** since January 2010; the accreditation was recently renewed in December 2019.

Application details including deadlines are posted at <https://admissions.sdsu.edu/graduate>. Students with the following backgrounds will be considered: undergraduate degree in physics, medical physics, bioengineering or other engineering. Students who do not have the equivalent of a minor in physics will be conditionally admitted till the pre-requisites are met.

Medical Physics is an interdisciplinary field that integrates expertise in physics, computer science, biology, medicine, and engineering to address challenging problems in medicine. It offers strong and stable career opportunities (see American Association of Physicists in Medicine (AAPM) website at [www.aapm.org/students/prospective.asp](http://www.aapm.org/students/prospective.asp).)

The Masters of Science in Medical Physics at San Diego State University [https://catalog.sdsu.edu/preview\\_program.php?catoid=5&pooid=4584&returnto=373](https://catalog.sdsu.edu/preview_program.php?catoid=5&pooid=4584&returnto=373) is designed to prepare students for careers as Medical Physicists in hospitals and in industry and to qualify them for Ph.D. or clinical residency programs through didactic, laboratory and clinical instructions, designed in accordance with the guidelines of Commission on Accreditation of Medical Physics Educational Programs (CAMPEP). The courses in the program include: Radiological Physics, Diagnostic Imaging (lecture and clinical lab rotation), Radiation Therapy Physics (lecture and clinical lab rotation), Nuclear Medicine Physics, Radiation Biology, Medical Image Processing, and Magnetic Resonance Imaging. The program is designed such that students can complete the course in two years and includes a year of research. Further details of the program can be obtained by visiting our website at <http://www.physics.sdsu.edu/medical/>. The enrollment statistics for the program are posted at our website. Our alumni have found successful careers as junior medical physicists, in residencies or have gone on to join well-known Ph.D. programs. Our entire graduating class of 2022 (and '20 and '21) have been successful in securing positions: in PhD and in residency programs as well as in junior physics positions in consultancies.

Students who are interested in applying to a PhD program and want to work in the field of Medical Physics can do so by applying to the Computational Sciences graduate program at SDSU ([https://admissions.sdsu.edu/academic\\_programs/doctorates](https://admissions.sdsu.edu/academic_programs/doctorates)); please note deadlines). The PhD

program is not part of the CAMPEP accredited program. However, it affords students a pathway for working in the area of Medical Physics with faculty from the SDSU CAMPEP accredited program. Please contact Usha Sinha ([usinha@sdsu.edu](mailto:usinha@sdsu.edu)) if you are interested in applying to the PhD program.

A limited number of Teaching Assistant positions are available in the Physics Department to graduate students. Please check here for the TA application (<http://www.physics.sdsu.edu/job-opportunities/>) and submit the application and supporting documents to Pia Parrish ([pparrish@sdsu.edu](mailto:pparrish@sdsu.edu)). For further information on TA positions and status of your application, please contact Professor Weber, graduate advisor at [fweber@sdsu.edu](mailto:fweber@sdsu.edu).

We also have a CAMPEP accredited residency training program in Radiation Oncology Physics which is a partnership between San Diego State University and Genesis Healthcare, San Diego (<http://www.mygenesishealth.com/residency/>). Students who perform well in the Masters in Medical Physics program are considered as being very competitive for admission to the Residency training program. Please contact Dr. Tambasco ([mtambasco@sdsu.edu](mailto:mtambasco@sdsu.edu)), Co-Program Director of the Residency Training for more information.

Thanking You,



Usha Sinha  
Chair and Professor, Physics  
Director, Medical Physics  
San Diego State University.