



February 7th, 2025

I am writing to express my enthusiastic support for the establishment of a new medical physics graduate program at The Ohio State University sponsored by the Department of Radiation Oncology. The incorporation of such a program is both timely and essential in the current landscape of healthcare and medical research.

Medical physics, at its core, bridges the gap between physics and medicine, driving advancements in radiation therapy, diagnostic imaging, nuclear medicine, and other critical areas of healthcare. The need for highly trained medical physicists is growing, driven by technological innovations and the increasing complexity of medical treatments. A specialized graduate program in medical physics at The Ohio State University will not only meet this demand but also continue to elevate the university's standing as a leader in healthcare education and research.

The proposed program's curriculum, which includes rigorous coursework in radiation physics, imaging techniques, radiobiology, and clinical applications, will provide students with a solid foundation in both theoretical and practical aspects of medical physics. Moreover, the emphasis on hands-on training and research will equip graduates with the skills needed to excel in clinical, academic, and industry settings. This comprehensive approach ensures that students are well-prepared to tackle the challenges and opportunities of this dynamic field.

The faculty at The Ohio State University are exceptionally qualified and possess a wealth of experience in both teaching and research. Their dedication to fostering a collaborative and innovative learning environment will undoubtedly inspire and motivate students. Furthermore, the university's existing leaders from Radiology, Nuclear Engineering, and other disciplines will provide invaluable opportunities for students to gain practical experience and engage in groundbreaking research.

The establishment of a medical physics graduate program will also contribute to the broader goals of the university and the community. It will attract top-tier students and researchers, enhance interdisciplinary collaboration, and foster advancements in medical technologies that benefit patient care. Additionally, it will address the pressing need for qualified medical physicists, ensuring that healthcare providers have access to the expertise required to deliver cutting-edge treatments and improve patient outcomes.

In conclusion, the creation of a medical physics graduate program at The Ohio State University is a forward-thinking initiative that will have a profound and lasting impact on the university, the students, and the broader healthcare community. I wholeheartedly support this proposal and am confident that it will be a resounding success.

The James



THE OHIO STATE UNIVERSITY
COMPREHENSIVE CANCER CENTER

Arnab Chakravarti, MD, FASTRO, FACRO, FRSM
Chair and Professor, Department of Radiation Oncology
Chair, Ohio State-James-Nationwide Children's Proton Center
Chief, Radiation Oncology Services, Ohio State Wexner Medical Center
Chief, Radiation Oncology Services, Arthur G. James Cancer Hospital
Klotz Family Chair in Cancer Research
Director, Brain Tumor Program
The Ohio State University College of Medicine

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Thank you for considering this important initiative.

Sincerely,

Arnab Chakravarti, MD, FASTRO, FACRO, FRSM
Chair and Professor, Department of Radiation Oncology
Klotz Family Chair of Cancer Research
Director, Brain Tumor Program

Monday, February 10, 2025

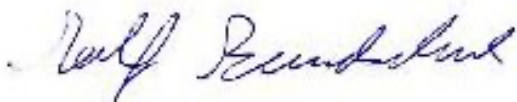
Re: Medical Physics Graduate Program

On behalf of the Physics Department at The Ohio State University, I am pleased to express our full support for the establishment of a new Medical Physics Graduate Program. As a department, we recognize the growing importance and demand for highly trained medical physicists in the healthcare industry. The proposed program is designed to address this critical need for qualified medical physicists who can contribute to the advancement of medical technologies and improve patient care. By integrating theoretical knowledge with practical training, the program will equip students with the skills and expertise required to excel in the field. Additionally, the program will provide opportunities for research and innovation, fostering a collaborative environment where students and faculty can work together to push the boundaries of medical physics. We thus believe that the proposed program aligns with our university's mission and goals and will significantly enhance our academic offerings.

We believe that the Medical Physics Graduate Program will attract high-caliber students and faculty and will further elevate our university's reputation as a leader in scientific education and research. We also affirm that the nature of this Medical Physics Graduate Program with its specialized training is quite different from our existing graduate program in Physics and that thus there are no concerns of duplication or even of overlap in potential applicants.

In conclusion, the Physics Department fully endorses the establishment of the Medical Physics Graduate Program. We look forward to the positive impact it will have on our university, our students, and the broader scientific community.

Sincerely,



Ralf Bundschuh
Professor and Chair
Department of Physics



THE OHIO STATE UNIVERSITY

Nuclear Engineering Program
Department of Mechanical and Aerospace
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February 6, 2025

Professor Ashley Cetnar
The Ohio State University
Columbus, OH

Subject: Letter of Support for Planned Graduate Program in Medical Physics

Dear Professor Cetnar:

Based on discussions between yourself and faculty members of the Nuclear Engineering Program (NEP), it is my pleasure to provide this letter of support for the proposed Graduate Program leading to a new Master's (MS) degree and Doctoral (PhD) degree in Medical Physics. As we have discussed, this proposed program is fully consistent with our own plans to initiate an undergraduate degree in nuclear engineering in 2026. In addition to our existing graduate NEP, we currently have an undergraduate minor in nuclear engineering but do not have an undergraduate major in nuclear engineering. As we have examined the future opportunities for graduates from the planned undergraduate program, we have recognized the close relationship between radiation physics for nuclear engineering applications and radiation physics for medical applications. Graduates of the NEP would definitely be candidates for entry into the MS and PhD program that you are developing. Two of our current courses NUCLRENG 5606, "Radiation Protection and Shielding" and the laboratory course NUCLRENG 5742, "Nuclear Instrumentation, Radiation Sensor and Detection" would also fit well with your planned program.

Sincerely,

Tunc Aldemir

Professor and Program Chair

Cc Richard Denning
Raymond Cao



THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER

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February 20, 2025

Daniel Clinchot, MD
Vice Dean for Education
College of Medicine
Ohio State University Wexner Medical Center

Dear Dr. Clinchot,

I am writing to express my enthusiastic support for the establishment of a new Medical Physics Graduate Program within our institution. My understanding is that this proposed programmatic initiative has been shared with you by Radiation Oncology; I am writing on behalf of Radiology, in support of this collaborative effort. As the Chair of the Department of Radiology, I believe this program will be an invaluable addition to our academic offerings, providing significant benefits to our department, university, and the broader medical community.

Medical physics is a rapidly evolving field, playing a crucial role in the diagnosis and treatment of various medical conditions through the application of physics principles in medicine. The integration of this graduate program will not only enhance the academic rigor and reputation of our institution but also foster interdisciplinary collaboration among departments, including radiology, oncology, and engineering.

Our department has already seen the transformative impact of medical physics in clinical practice. The advancements in imaging technologies are utilized broadly throughout our health care system, and there is an all-time high demand for medical physicists. Establishing a dedicated graduate program will enable us to train the next generation of experts to supply these needs and who will lead the way in innovative research and clinical applications.

The proposed curriculum for the Medical Physics Graduate Program is comprehensive, aligns with the highest standards of education in the field and we plan national accreditation of the program (through CAMPEP). It includes advanced coursework, hands-on laboratory experience, and opportunities for clinical rotations and research. This holistic approach will ensure that our graduates are well-prepared to address the challenges and opportunities in medical physics, making meaningful contributions to patient care and medical science.

Additionally, our department is committed to providing the necessary resources and support to ensure the success of this program. We have a team of distinguished faculty members with expertise in medical physics who are eager to contribute to the program's development and delivery. Furthermore, our state-of-the-art facilities and access to cutting-edge technology will provide an ideal environment for students to thrive and excel.

In conclusion, I wholeheartedly endorse the establishment of the Medical Physics Graduate Program and believe it will significantly enhance our institution's academic and clinical landscape. I am confident that this program will attract talented students, foster groundbreaking research, and ultimately improve patient care through the application of advanced medical physics principles. This program has my strongest possible endorsement.

Please do not hesitate to reach out to me with any questions.

Sincerely,



Pari V. Pandharipande, M.D., M.P.H., F.A.C.R.
Professor and Chair, Department of Radiology
The Ohio State University College of Medicine