

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: Doracy P. Fontenla, Ph.D., FACMP,FAAPM

Present Position: Associate Attending Physicist

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Scope of Present Duties:

Program Director for Medical Physics Education,
Director of CAMPEP Accredited Medical Physics Residency Program

Most Relevant Past Experience:

Research Interest: My earlier research interests have been "In vivo" Dosimetry in radiation therapy, analysis and implementation of new radiation therapy methods, as TBI, TSEB, and SRS. Parallel to that I always had great interest in education of medical physicists. Presently I am concentrating my efforts on education of medical physicists, an indispensable component necessary to enable and to advance the field of medical physics profession. The medical physicist is an essential member of the patient care team that includes Physicians, Nurses, Radiologic Technologists, Dosimetrists, Radiation Therapists, Engineers and QA personnel. The field of radiation therapy is advancing very fast and it is mandatory to follow with a program that provides a compatible education. It is of utmost importance to offer a program that will introduce young physicists to all desirable attributes of medical physics, including research experience, educational skills, clinical expertise, and professional and leadership behavior. Also, to ensure the safety of patients and the quality of the care they receive, it is essential that the knowledge and competence of individuals entering the field is not only consistent but is also of a high standard. Our program is CAMPEP accredited, and focuses on the education of medical physicists seeking ABR certification, which will lead the candidate to achieve the recognition of Qualified Medical Physicist (QMP) as defined by the American College of Radiology. I think that elevating the level of education of young medical physicists is of utmost importance to shape the future of our field, and I am very happy to contribute to that.

Educational Background:

Ph. D. in Nuclear Physics

ABR certification in Radiological Medical Physics

NY State Medical Physics License (Radiological Medical Physics): License # 000001

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