

Fellowship Profile

IAEA PROGRAMS
AT ARGONNE NATIONAL LABORATORY

Dosimetry and Medical Physics

TRAINING SUMMARY

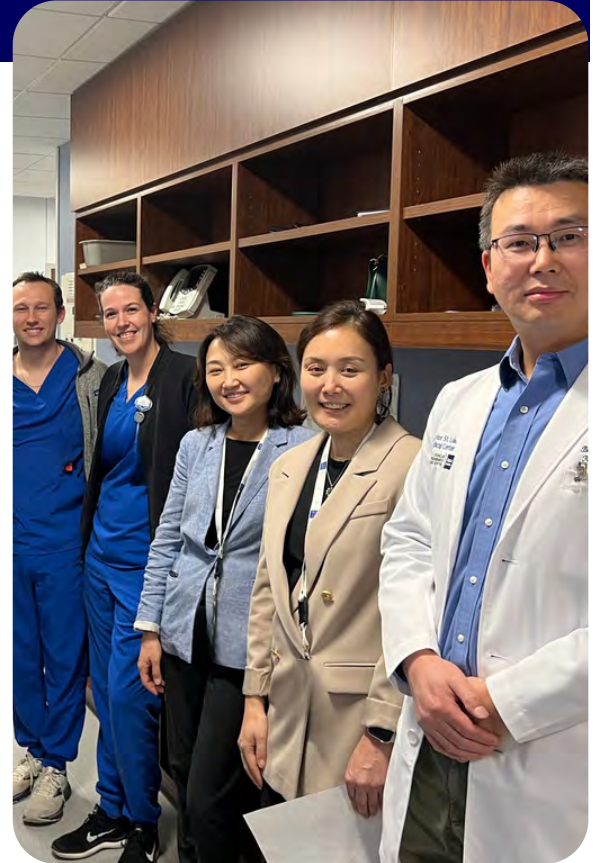
I participated in a 2 week training program on dosimetry and medical physics at the Baylor college of Medicine in Houston Texas. The training was focused on learning the structure of their Radiation Oncology Department and gaining insights into department workflows.

The training resulted in a better understanding of the host organization and methodologies. I was taken on a tour of two different departments, where they demonstrated their equipment and infrastructure. We also learned about their quality assurance and documentation process which involved advanced techniques and procedures. Most importantly, we found possible future collaborations on knowledge transfer and implementation between my institute, The National Cancer Center of Magnolia and the host, Baylor College of Medicine.

WHATS NEXT?

I have already shared my gained knowledge, tips and tricks on treatment planning, QA and CT image acquisition, including treatment verification with my colleagues. I am also planning to start using some of the techniques I learned, like the Deep Inspiration Breath Hold for radiation treatment.

In the future, I hope to do conduct research on medical physics and Stereotactic body radiotherapy with the help of the host institute.



"I had a wonderful experience in 2 weeks visiting Baylor College of Medicine. I was very happy with their professional competence and experience. The teaching and patient caring culture in the host department was amazing as well and everyone was so generous to help."

Enkhtsetseg Vanchinbazar - Mongolia

January 15th - 26th 2024

Hosted by: Baylor College of Medicine