

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: Timothy C. Zhu, PhD
Present Position: Professor
Affiliation: University of Pennsylvania
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Scope of Present Duties:

1. External beam treatment planning.
2. Dose calculation algorithms for photon beams, headscatter, MU calculation algorithms.
3. Radiation dosimetry and in-vivo dosimetry.
4. Dose calculation in regions of electron disequilibrium including small fields
5. Image-guided radiation therapy.

Most Relevant Past Experience:

1992-1994	Research Associate, Radiation Medicine, Brown University
1994-1998	Assistant Professor, Department of Radiation Oncology, University of Florida College of Medicine
1998-2004	Assistant Professor of Radiation Oncology at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine
2004-2011	Associate Professor of Radiation Oncology at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine
2011-present	Professor of Radiation Oncology at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine

Educational Background:

1984	BS	Fudan University, Shanghai, China (Electric Engineering)
1987	M.Sc.	Brown University (Physics)
1988	M.Sc.	Brown University (Engineering)
1991	Ph.D.	Brown University (Physics)

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