

Xinquan Trent Ning

Radiation Oncology Physicist, Ph.D., DABMP
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EMPLOYMENT HISTORY

7/14–present	(HS) Associate Clinical Professor, Moores UCSD Cancer Center, San Diego, CA
9/08 – 6/14	(HS) Assistant Clinical Professor, Moores UCSD Cancer Center, San Diego, CA
3/04 – 8/08	Radiotherapy Physicist, 21 st Century Oncology, Palm Desert, CA
9/00 – 3/04	Radiotherapy Physicist, Eisenhower Medical Center, Rancho Mirage, CA
2/99 – 9/00	Adjunct Assistant Professor, School of Health Sciences, Purdue University, West Lafayette, IN
7/98 – 9/00	Radiotherapy Physicist, St. Elizabeth Medical Center, Lafayette, IN
12/95 – 7/98	Radiotherapy Physicist, Community Hospital Indianapolis, Indianapolis, IN
5/95 – 12/95	Visiting scientist, Department of Radiation Oncology, Indiana University Medical Center, Indianapolis, IN
9/93 – 5/95	Physics Assistant, St. Elizabeth Medical Center, Lafayette, IN

EDUCATION

1/91 – 8/94	Indiana University Medical School, Indianapolis, IN and Purdue University, West Lafayette, IN Degree received: Ph.D. in Medical Physics
8/88 – 1/91	Purdue University, West Lafayette, IN Degree received: M.S. in Health physics
3/78 – 7/82	Qinghua University, Beijing, China Degree received: B.S. in Nuclear Engineering

CREDENTIALS

ABMP certified Radiation Oncology Physicist (4/99)
Indiana State approved Radiation Oncology Physicist
California State approved Radiation Oncology Physicist
NRC authorized HDR brachytherapy physicist

UNIVERSITY AND PUBLIC SERVICE

University Service:

2012 – present: Chief of Physics in Leukemia/Lymphoma (TBI/TSE)
8/09 – present: Member of Radiation Safety Committee, UCSD Medical Center
2008 – 2010: Chief of Physics QA and Special Procedures

Outside Hospital Services:

1995-1998: Member, Radiation Safety Committee, Community Hospital, Indianapolis, IN
1998-2000: Member, Radiation Safety Committee, St. Elizabeth Medical Center, Lafayette, IN
2/99-9/00: Member, Doctoral Advisory Committee, Purdue University, West Lafayette, IN
9/00-3/04: Member, Radiation Safety Committee, Eisenhower Med Center, Rancho Mirage, CA
3/04-8/08: Alternate Radiation Safety Officer, 21st Century Oncology, Palm Desert, CA
6/07-8/08: Member, HDR Brachytherapy QA Committee, 21st Cent Oncology, Fort Myers, FL

PROFESSIONAL MEMBERSHIP

- 2006 - present: American Society for Therapeutic Radiology and Oncology (ASTRO)
1992 - present: American Association of Physicists in Medicine (AAPM)

PROFESSIONAL ACTIVITIES

- 9/08 – present: Physics Didactic Lecture: Radiation safety and special procedures (TBI, TSE)
4/2012: Lectures for a SDSU Course, #670A: Physics of Radiation Therapy
11/2011: Oral presentation on stereotactic body radiation therapy (SBRT) at an AAPM Southern California Chapter meeting
1/2011: Reviewer of brachytherapy physics article for *Int. Journal of Radiation Oncology, Biology, Physics*.
7/2010: Feasibility Study of Total Marrow Irradiation Using RapidArc, Gwe-Ya Kim, Yun Liang, Greg White, Xinquan Ning, Loren Mell, and Todd Pawlicki, AAPM 2010 annual meeting
7/1995: Oral presentation in AAPM annual meeting Boston / USA

PUBLICATION

Todd Pawlicki, Ph.D., Bhisham Chera, M.D., **Trent Ning, Ph.D.**, Lawrence B. Marks, M.D. The systematic application of quality measures and process control in clinical radiation oncology; *Semin Radiat Oncol* 22:70-76 © 2012 Elsevier Inc.

Erica Kinsey, PhD, Daniel J. Scanderbeg, PhD, Jia-Zhu Wang, PhD, **Trent Ning, PhD**, Todd Pawlicki, PhD; *Image Guided Radiation Therapy*, first edition, Chapter 14. Quality Assurance in the Image-Guided Era; Editors: [Arno J. Mundt](#), [John C. Roeske](#); Publisher: Pmph usa; ISBN-10: 1607950421, ISBN-13: 978-1607950424

Yun Liang, Gwe-Ya Kim, **Xinquan Ning**, Greg White, Loren Mell, and Todd Pawlicki; Total Marrow Irradiation And Total Marrow And Lymphoid Irradiation With Volumetric Modulated Arc Therapy(abstract); Accepted by ASTRO 2011

L. Papiez, G. Sandison, **X. Ning**, and X. Lu, CPP calculation of multiple scattering distributions for charged particles penetrating compounds or mixtures, *Medical Physics*, 27 (8), August 2000

X. Ning, L. Papiez, and G. Sandison, A compound Poisson Process method for the multiple scattering of charged particles, *Physical Review E*, Vol. 52, No. 5, November 1995

R. Landolt, X. Ning, The Effect of Autogenous Healing on Penetration of Cs-137, *Waste Management '91, Proceedings of the Symposium on Waste Management*, Tucson, Arizona.