

Kevin S. Roof, M.D.

Certifications

Board Certified

Training Medical License, State of Hawaii	1999-2000
Training Medical License, Commonwealth of Massachusetts	2002
Massachusetts Medical License	2002-2004
North Carolina Medical License	2004
South Carolina Medical License	2004
Texas State Medical License	2004
American Board of Radiology	2005



Business Contact Info

Southeast Radiation Oncology Group
200 Queens Road, Suite 400
Charlotte, NC 28204
Phone: 704-333-7376
Fax: 704-333-3397

Education

Undergraduate / Bachelor of Science

Bachelor of Science with Distinction, 1990-1994
University of North Carolina, Chapel Hill, NC

Medical School

Doctor of Medicine with Honors, 1994-1999
University of North Carolina, Chapel Hill, NC

Residency

Chief Resident, Radiation Oncology, 2002-2003
Massachusetts General Hospital, Harvard Medical School
Boston, MA

Resident, Radiation Oncology, 2000-2002

Massachusetts General Hospital, Harvard Medical School
Boston, MA

Postgraduate & Post Doctorate Training

Preliminary Internship, Internal Medicine, 1999-2000
University of Hawaii, Honolulu, HI

Professional Associations

Professional Organizations

American Society of Therapeutic Radiology and Oncology	2000-Present
American Society of Clinical Oncology	2002-Present
American Medical Association	1994-Present
Massachusetts Radiological Society, Member	2000-2004

Honors and Awards

1. Radiation Therapy Oncology Group Resident Travel Award for RTOG Semi-Annual Meeting, 2004.
2. American College of Radiation Oncology Howard W. Wong Scholarship, 2003.
3. ASCO/AACR Fellow for the Molecular Oncology in Clinical Oncology Workshop in Aspen, CO 2001.
4. ASCO/AACR Fellow for Methods in Clinical Cancer Research Workshop in Vail, CO, 2001.
5. Isaac Hall Manning Award
Monetary award honoring a senior class medical student for "outstanding scholarship, character, leadership, initiative, and investigative research"
6. Judith Joklik Cancer Research Award, 1998.
A monetary award, not necessarily given annually, serves to honor an outstanding contribution in cancer research by a medical student.
7. Alpha Omega Alpha Medical Honor Society, 1998.
8. Howard Hughes Medical Institute-National Institutes of Health Research Scholar at the Cloister, 1997-1998.
Provides recipients funding and a stipend for a year of in-depth research on the topic of their choice on the campus of the NIH.
9. Selected for The Distinguished Medical Scholars Program, 1997-1998.
Successful completion of this program by selected students allows students to graduate with the distinction of MD with Highest Honors. I did not participate. See above.
10. Medical Foundation Co-Founder's Student Research Award, 1995.
Awarded to students performing research deemed to be of high quality and worth. I received one of four

monetary awards granted, for my investigations of the role of Fas in radiation induced apoptosis.

Research, Publications, & Teaching

Research (Past)

1. Bladder Motion During External Beam Radiation Therapy. Supervisor: William U. Shipley, MD. Authored a DFCI IRB approved protocol to examine bladder motion using the BAT ultrasound in patients with bladder cancer being treated with external beam irradiation. 2001-Present.
2. Prognostic Significance of Modifiable Bio-Markers in Esophageal Cancer Patients Treated with Multi-Modality Therapy. Supervisor: Christopher G. Willett, MD. Created tissue arrays to examine multiple modifiable biomarkers for prognostic significance in esophageal cancer patients treated with multi-modality therapy. 2002-Present.
3. Role of Taxol in Trimodality Therapy for Esophageal Cancer. Supervisor: Noah C. Choi, MD. Authored IRB approved protocol allowing us to examine the outcomes of patients treated with Neoadjuvant Cisplatin, 5-FU, Taxol and Radiation versus Neoadjuvant Cisplatin, 5-FU and Radiation. 2003-Present.
4. Radiation Dose Escalation in Limited-Stage Small-Cell Lung Cancer. Supervisor: Noah C. Choi, MD. Authored IRB approved protocol, which allowed us to examine the role of radiation dose escalation in limited-stage small-cell lung cancer. 2001-2003.
5. Novel Approaches to Purging of Cancer Cells from Autologous Stem Cell Harvests. Supervisor: Kenneth Cowan MD, PhD. Developed novel adenoviral vectors in an effort to purge breast carcinoma cells from autologous stem cell harvests. 1997-1998.
6. Role of Fas in Gamma Irradiation Induced Apoptosis. Supervisor: Philip Cohen, MD. Demonstrated that defects in Fas in lpr mice resulted in radioresistance suggesting a potential role of Fas in radiation-induced apoptosis. 1995.

Publications

1. Roof KS, Coen J, Lynch TJ, et al: Concurrent Cisplatin, 5-FU, paclitaxel and radiation therapy in patients with locally advanced esophageal cancer. *Int Journal Radiation Oncology Biol Phys.* 2006 July 15; 65 (4): 1120-8.
2. Roof KS, Fidias P, Lynch TJ, Ancukiewicz M, Choi NC: Radiation Dose Escalation in Limited-Stage Small-Cell Lung Cancer. *Int. J. Radiation Oncology Biol. Phys.* 2003; 57:701-708.
3. Roof KS, Fidias P, Lynch TJ, Choi NC. Radiation Dose Intensification in Limited-Stage Small-Cell Lung Cancer. *Clinical Lung Cancer* 2003; 4:339-346
4. Reap EA, Roof K, Maynor K, Borrero M, Booker J, and Cohen PL: Radiation and Stress-Induced

Apoptosis: A Role for Fas / Fas Ligand Interactions. Proceedings of the National Academy of Science. 1997; 94: 5750-5755.

5. Reap EA, Roof K, Maynor K, and Cohen PL: Markedly Diminished Radiation-induced Lymphocyte Apoptosis in lpr Mice Suggests a Role for Fas in Eliminating Damaged Cells. Annals of the New York Academy of Sciences. 1997; 815:116-118.

Presentations

1. Roof K, A Mazal, S Sarkar, J Leong, AL Zietman, G.T.Y. Chen, WU Shipley. Inter-f raction bladder motion during radical radiotherapy treatment of muscle invading bladder cancer: An analysis of serial CT images and CT-BAT data to better define appropriate PTV expansion beyond the bladder. Poster Presentation at the ASTRO Annual Conference in Atlanta, GA 10/2004

2. Roof K, Coen J, Lynch TJ, Wright C, Fidias P, Willett CG, Choi NC. Neo-adjuvant radiation, cisplatin, 5-FU +/- paclitaxel in locally advanced esophageal cancer. Presented at ASCO 2004 Annual Conference in New Orleans, LA 6/2004.

3. Roof K, Ancukwicz M, Fidias P, Lynch T, Choi, NC: Radiation Dose Escalation in Limited Stage Small Cell Lung Cancer. Poster presentation at the 2002 ASCO Annual Conference in Orlando, FL 5/2002.

4. Roof K and Cowan K. Purging of Breast Cancer Cell Contaminants from Autologous Stem Cell Harvests: A Novel Gene Therapy Based Approach. Platform presentation at Howard Hughes Medical Institute-National Institutes of Health Research Scholars' Science Symposium in Bethesda, MD 5/19-21/98.

Funding

Radiation Therapy Oncology Group Seed Grant, 2003.
Prognostic significance of modifiable biomarkers in esophageal cancer patients treated with multi-modality therapy.