
BIOGRAPHICAL SKETCH

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NAME Neal E Dunlap, M.D.	POSITION TITLE Instructor		
eRA COMMONS USER NAME (credential, e.g., agency login)	Department of Radiation Oncology		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Wake Forest University	B.S.	8/1996–5/2001	Biology
University of Cincinnati	M.D.	8/2002-6/2006	Doctor of Medicine
University of Cincinnati		7/2006-6/2007	Internship Internal Medicine
University of Virginia		7/2007-6/2011	Residency Radiation Oncology
Paul Scherrer Institut Center for Proton Therapy		6/2009-10/2009	Proton Training

A. Personal Statement

B. Positions and Honors

Academic Appointments

8/2011-present: Instructor of Radiation Oncology, Department of Radiation Oncology, University of Louisville, Louisville, KY

1/2009-6/2011; Staff physician, Western State Hospital, Staunton, VA

Other Experience and Professional Memberships

SIMON KRAMER SOCIETY
AMERICAN SOCIETY OF THERAPEUTIC RADIATION ONCOLOGY
RADIOLOGIC SOCIETY OF NORTH AMERICA
ALPHA OMEGA ALPHA
ASSOCIATION OF AMERICAN MEDICAL COLLEGES

Honors and awards

RSNA ROENTGEN RESIDENT/FELLOW RESEARCH AWARD, 2011

CLINICAL EXCELLENCE AWARD, University of Virginia Department of Radiation Oncology, 2010

- A faculty given award for recognizing clinical excellence amongst current residents

UNIVERSITY OF VIRGINIA DEPARTMENT OF RADIATION ONCOLOGY TRAVEL SCHOLARSHIP, September 2009.

- Provided funding to train at the Paul Scherrer Institut, Center for Protons Radiotherapy, Villigen, Switzerland

UNIVERSITY OF VIRGINIA HOUSESTAFF COUNCIL 2009 YOUNG SCIENTIST AWARD

- Competitive institutional GME-sponsored award based on academic achievement awarded to 12 recipients of a pool of 750 residents and fellows at UVA

RSNA ROENTGEN RESIDENT/FELLOW RESEARCH AWARD, 2009

SIMON KRAMER SOCIETY/BEST MEDICAL INTERNATIONAL TRAVEL GRANT, August 2008

- Recognizing clinical research accepted to the ASTRO Annual Meeting 2008, Boston MA

CLINICAL EXCELLENCE AWARD, University of Virginia Department of Radiation Oncology, 2008

- A faculty given award for recognizing clinical excellence amongst current residents

C. Selected Peer-reviewed Publications

Cai J, Yue J, McLawhorn R, Yang W, Wijesooriya K, **Dunlap NE**, Sheng K, Yin F, and Benedict SH. Dosimetric comparison of 6 mv and 15 mv single arc rapidarc to helical tomotherapy for the treatment of pancreatic cancer. *Med Dosimetry* 2011 Autumn;36(3):317-20

Dunlap NE, McIntosh A, Sheng K, Benedict SH, Turner AB, Shoushtari A, Sheehan J, Jones DR, Larner JM, Read PW. Helical Tomotherapy-based STAT SBRT: Dosimetric Evaluation for a Real Time SBRT Treatment Planning and Delivery Program. *Med Dosimetry*, 2010 Winter;35(4):312-9.

Dunlap NE, Woodford RL, Shoushtari AN, et al. Primary nasopharyngeal interdigitating dendritic cell tumor presentation and response to radiation therapy: case report and literature review. *Rare Tumors*. 2010;2(1):27-30.

Dunlap NE, Larner JM, Read PW, et al. Size Matters: A Comparison of T1 and T2 Peripheral Non-small Cell Lung Cancers Treated With Stereotactic Body Radiation Therapy (SBRT). *JCTVS*. 2010 Sep;140(3):583-9.

McIntosh A, **Dunlap NE**, Sheng K, Geesy C, Turner B, Blackhall L, Weiss G, Lappinen E, Larner J, Read P. Helical Tomotherapy STAT-RT: Dosimetric evaluation for clinical implementation of a rapid palliation program. *Med. Dosimetry*. 2010 Winter;35(4):280-6.

Dunlap NE, Biedermann G, Yang W, Cai J, Sheng K, Benedict S, Kavanagh B, Larner J. Chest Wall Volume Receiving More Than 30 Gy Predicts Risk of Severe Pain and/or Rib Fracture After Lung SBRT. *Int J Radiat Oncol Biol Phys*. 2010, 76(3):796-801.

Ring KL, Young JL, **Dunlap NE**, Andersen WA, Schneider BF. Extended-field radiation therapy with whole pelvis radiotherapy and cisplatin chemosensitization in the treatment of IB2-IIIB cervical carcinoma: a retrospective review. *Am J Obstet Gynecol*. 2009 Apr 25.

Dunlap NE, Schwartz GG, et al., 1alpha,25-dihydroxyvitamin D(3) (calcitriol) and its analogue, 19-nor-1alpha,25(OH)(2)D(2), potentiate the effects of ionising radiation on human prostate cancer cells. *Br J Cancer*. 2003 Aug 18;89(4):746-53.

D. Research Support (in the last five years)

Ongoing Research Support

None

Completed Research Support

None