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ACADEMIC APPOINTMENTS

2010- Assistant Professor, University of Chicago Dept. of Radiation Oncology
Instructor, University of Illinois at Chicago, Dept. of Radiation Oncology

ACADEMIC TRAINING

2001 – 2006 Radiation Oncology Residency
University of Wisconsin, Madison, WI

2000 – 2001 Preliminary Medicine Year
University of Washington, Seattle, WA

1997 – 2001 MD, Medical College of Wisconsin, Milwaukee, WI

1990 – 1995 BS, Economics with Math Emphasis
University of Wisconsin, Madison, WI

BOARD CERTIFICATION AND LICENSURE

2007 American Board of Radiology

SCHOLARSHIP

(a) Peer-reviewed publications in the primary literature, exclusive of abstracts:

1. Welsh JS, Howard A, Hong TY, Lucas D, Ho T, Reding DJ. Synchronous bilateral breast mucosa-associated lymphoid tissue lymphomas addressed with primary radiation therapy. *American Journal of Clinical Oncology*. Vol 29, Issue 6, pages 634-5. 2006.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=Howard+A+and+Welsh+JS>
2. Allen G, Howard A, Jarrard D, Ritter M. Management of prostate cancer recurrences after radiation therapy-brachytherapy as a salvage option. *Cancer*. Vol 110, Issue 7, pages 1405-16, 2007.
<http://onlinelibrary.wiley.com/doi/10.1002/cncr.22940/epdf>
3. Gondi V, Bradley K, Mehta M, Howard A, Khuntia D, Ritter M, Tome W. Impact of hybrid fluorodeoxyglucose positron-emission tomography/computed tomography on radiotherapy planning in esophageal and non-small-cell lung cancer. *International Journal of Radiation Oncology · Biology · Physics*. Vol 67, Issue 1, pages 187-95, 2007.
<http://www.sciencedirect.com/science/article/pii/S0360301606030471>

4. Koshy M, Villano J, Dolocek T, Howard A, Chmura S, Weichselbaum R, McCarthy B. Improved survival time trends for glioblastoma using the SEER 17 population-based registries. *Journal of Neurooncology*. Vol 107, Issue 1, pages 207-12, 2012.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4077033/>
5. Koshy M, Fedewa S, Malik R, Ferguson M, Vigneswaran W, Howard A, Abdelhady K, Weichselbaum R, Virgo K. Improved survival associated with neoadjuvant chemoradiation in patients with clinical stage IIIA(N2) non-small-cell lung cancer. *Journal of Thoracic Oncology*. Vol 8, Issue 7, pages 915-22, 2013.
<http://www.ncbi.nlm.nih.gov/pubmed/23608815>
6. Jagadeesan V, Raleigh D, Koshy M, Howard A, Chmura S, Golden D. A national radiation oncology medical student clerkship survey: didactic curricular components increase confidence in clinical competency. *International Journal of Radiation Oncology · Biology · Physics* Vol 88, Issue 2, pages 51-56, 2014.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4262520/>
7. Golden D, Spektor A, Rudra S, Ranck M, Krishnan M, Jimenez R, Viswanathan A, Koshy M, Howard A, Chmura S. Radiation oncology medical student clerkship: implementation and evaluation of a bi-institutional pilot curriculum. *International Journal of Radiation Oncology · Biology · Physics* Vol 88, Issue 2, pages 45-50, 2014.
<http://www.sciencedirect.com/science/article/pii/S0360301613032884>
8. Ye JC, Mohindra P, Spektor A, Krishnan MS, Chmura SJ, Howard A, Viswanathan AN, MacDonald SM, Thaker NG, Das P, Mancini BR, Higgins SA, Braunstein S, Haas-Kogan D, Bradley KA, Hung AY, Thomas CR Jr, Kharofa J, Wheatley M, Currey A, Parashar B, Du K, Jimenez RB, Golden DW. Medical student perspectives on a multi-institutional clerkship curriculum: a report from the radiation oncology education collaborative study group. *International Journal of Radiation Oncology · Biology · Physics* Vol 92, Issue 2, pages 217-9, 2015.
<http://www.sciencedirect.com/science/article/pii/S0360301615001492>

(b) Peer-reviewed works in 'non-traditional' outlets

N/A

(c) Peer-reviewed works accepted or in press

1. Golden DW, Spektor A, Krishnan MS, Mohindra P, Ye JC, Chmura SJ, Howard A, Viswanathan AN, MacDonald SN, Thaker NG, Das P, Mancini BR, Higgins SA, Braunstein S, Haas-Kogan D, Bradley KA, Hung AY, Thomas CR, Kharofa J, Wheatley M, Currey A, Parashar B, Du K, Jimenez RB. Multi-institutional implementation and evaluation of a pilot curriculum for the medical student clerkship: A report from the Radiation Oncology Education Collaborative Study Group. *Journal of the American College of Radiology* (in press).

(d) Non-peer-reviewed original articles

N/A

(e) Books

N/A

(f) Book chapters

1. Rayfield C & Howard A. (2015) The Role of Radiation Therapy for Cholangiocarcinoma. In Ray CE Jr, Gaba R, and Knuttinen M (Ed). Cholangiocarcinoma: Diagnosis and Treatment. Nova Science Publishers, Inc.
2. Solanki A & Howard A (2013). Chapter 13: Complications Associated with Radiotherapy. In Kolokythas A (Ed.) Lip Cancer: Treatment and Reconstruction (pp 147-52) Berlin: Springer-Verlag.

(g) *Other works that are publically available*

Ongoing patient education website: <http://www.cancer.ninja>

(h) *Unpublished clinical trials*

N/A

(i) *Works in review/preparation not yet publically available*

FUNDING

N/A

HONORS, PRIZES, AND AWARDS

N/A

INVITED SPEAKING

- 2014 Invited speaker, "Radiation Therapy for Optic Nerve Sheath Meningiomas"
UIC Neuro-Ophthalmology and Oculoplastics Symposium
- 2010 Invited speaker, "Advances in Radiation Therapy for Prostate Cancer"
UIC Cancer Center Grand Rounds

INVITED, ELECTED, OR APPOINTED EXTRAMURAL SERVICE

- 2015 Lecturer, Imerman Angels Lunch & Learn Program (upcoming)

PROFESSIONAL SOCIETIES

Elected or invited membership:

American Society of Clinical Oncology
American Society for Radiation Oncology
American Brachytherapy Society

EDUCATION

- 2011 Mentor, Pritzker Medical School Longitudinal Program
- 2011- Annual lecture to incoming UIC Medical Oncology Fellows "Radiation Therapy for Medical Oncologists"
- 2012 Lecture to UIC Plastic Surgery Residents "Sequencing of Radiation Therapy and Breast Reconstruction for Breast Cancer Patients"
- 2013- Coordinator, Radiation Oncology Rotation: UIC Pediatric Oncology Fellowship

CLINICAL

Special interests:

Breast cancer

Gynecologic malignancies

Brachytherapy

Transitioned UIC from low dose rate to high dose rate brachytherapy

Developed brachytherapy program at UIC from a handful of cases per year up to ~ 50 cases per year.

Treating patients with vaginal cancer, cervix cancer, endometrial cancer, soft tissue sarcoma, choroidal melanoma, and cholangiocarcinoma

Stereotactic radiosurgery and stereotactic body radiotherapy

Pediatric malignancies

SERVICE

University of Chicago

Member, Radiation Oncology Residency Program Evaluation Committee

Other (University of Illinois – Chicago):

Member, Human Use Radioisotope Subcommittee

Member, Radioactive Drug Research Subcommittee

Radiation Project Director, Project RPH-087

Member, Cancer Survivorship Subcommittee

Radiation Oncology representative, UIC Cancer Committee

Member, Clinical Trial Feasibility Committee

Member, Breast Program Leadership Subcommittee