

**CURRICULUM VITAE
OREGON HEALTH & SCIENCE UNIVERSITY**

NAME

Charles Richard Thomas, Jr., M.D.

DATE

May 6, 2021

PRESENT POSITION AND ADDRESS

Academic Rank:

Professor and Chair

Department/Division:

Department of Radiation Medicine, Oregon Health & Science University

Professional Address:

3181 SW Sam Jackson Park Rd. KPV4, Portland, OR 97239-3098

E-Mail Address:

thomasch@ohsu.edu

II. EDUCATION

Undergraduate and Graduate (Include Year, Degree, and Institution):

YEAR	DEGREE	MAJOR	INSTITUTION/LOCATION
1975-1979	B.A.	Biology	Dartmouth College
1981-1985	M.D.	Medicine	University of Illinois College of Medicine

Postgraduate (Include Year, Degree, and Institution):

YEAR	DEGREE	MAJOR	INSTITUTION/LOCATION
1985-1986	Internship		Baylor College of Medicine Affiliated Hospitals, Department of Medicine Houston, Texas
1986-1988	Residency		Baylor College of Medicine Affiliated Hospitals, Department of Medicine Houston, Texas
1988-1991	Fellowship		Rush-Presbyterian-St. Luke's Medical Center Section of Medical Oncology, Department of Medicine Chicago, Illinois
1993-1994	Fellowship		University of Washington School of Medicine Department of Radiation Oncology Seattle, Washington
1994-1997	Residency		University of Washington School of Medicine Division of Medical Oncology, Department of Radiation Oncology Seattle, Washington
Aug 1996 (1 month)			Mayo Clinic, Department of Oncology, Division of Radiation Oncology Rochester, Minnesota

Licenses (Include State, Date, Status, Number, and Renewal Date):

STATE	DATE	PERM/TEMP	NUMBER
Oregon	2006-present		MD26549
Texas	2001-present		H1024/DPS#R0120122
Texas	1986-1990		H1024/DPS#20064255
Texas	6/15/00-6/15/01	Temporary	No. 39221
Illinois	1998-1993		036-077125
Washington	1991-present		25209MD00028703/UPIN #C45231
South Carolina	1997-2000		19662/Medicaid#196629/GP0815
N.C.I. Investigator	1992-present		20475
Medicare Provider			C45231-4153

Certification and Licensure: *(State and Number)*

<u>BOARD</u>	<u>DATE</u>	<u>NUMBER</u>
American Board of Internal Medicine, Diplomate	1989	#118201
American Board of Internal Medicine, Diplomate, Medical Oncology	1991	#118201
American Board of Radiology, Therapeutic	1998	#43014

Recertification:

American Board of Radiology, Therapeutic	2010	#43014
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III. PROFESSIONAL EXPERIENCE

Academic (Include Year, Position, and Institution):

MONTH	YEAR	POSITION	INSTITUTION/LOCATION
July 8 June 30	1991- 1993	Assistant Professor of Medicine	University of Washington School of Medicine Department of Radiation Oncology Seattle, Washington
August May 31	1997- 2000	Assistant Professor of Radiation Oncology	Medical University of South Carolina Charleston, South Carolina
June	2000	Associate Prof. & Vice-Chair	University of Texas Health Science Center, San Antonio Texas
Sept.	2005	Dept. of Radiation Oncology	University of Texas Health Science Center, San Antonio Texas
Sept.	2000	Associate Professor of Medicine Dept. of Medicine, Division of Medical Oncology	University of Texas Health Science Center, San Antonio Texas
August	2001	Adjunct Associate Professor of Medicine Graduate Program in Radiological Sciences, Department of Radiology	University of Texas Health Science Center, San Antonio Texas
Sept.	2004	Prof. & Vice-Chair	University of Texas Health Science Center, San Antonio Texas
Sept.	2005	Dept. of Radiation Oncology	University of Texas Health Science Center, San Antonio Texas

Nov.	2005	Prof. & Chair Dept. of Radiation Medicine http://www.ohsu.edu/som/dean/general/announcements.shtml#thomas http://www.ohsu.edu/ohsuedu/healthcare/hemonc/faculty/thomas.cfm	Oregon Health & Science University Portland, Oregon
Dec.	2005	Graduate Faculty, School of Medicine	Oregon Health & Science University Portland, Oregon
February	2006	Adjunct (Courtesy) Faculty, Department of Nuclear Engineering and Radiation Health Physics	Oregon State University Corvallis, Oregon

Administrative (Include Year, Position, and Institution):

MONTH	YEAR	POSITION	INSTITUTION/LOCATION
June 1	2000	Vice-Chairman	University of Texas Health Science Center @ San Antonio, Department of Radiation Oncology
Sept. 30	2005		San Antonio, Texas
Nov. 1	2005	Chief of Radiation Medicine Services	OHSU HealthCare Hospitals & Clinics Portland, Oregon
July	2013	Medical Director	OHSU Knight-Legacy Health Center Cancer Collaborative Portland, OR

Other (Include Year, Position, and Institution):

MONTH	YEAR	POSITION	INSTITUTION/LOCATION
	1991-1993	Attending Physician	University of Washington Medical Center
	1997-2000	Attending Physician	Medical University of South Carolina Medical Center Charleston, South Carolina
	1998-2000	Attending Physician	Ralph H. Johnson VA Medical Center Charleston, South Carolina
	2000-2005	Attending Physician	University Hospital System San Antonio, Texas
	2000-2005	Attending Physician	Audie Murphy VA Medical Center, South Texas Veterans Health Care System San Antonio, Texas
	2000-2005	Attending Physician	Cancer Therapy and Research Center San Antonio, Texas http://www.ctrc.saci.org/medicalstaff/medstaffbio.cfm?idmedstaff=89
	2004-2005	Laredo Medical Center	Laredo, Texas

IV. SCHOLARSHIP

Area(s) of Research/Scholarly Interest:

CLINICAL & TRANSLATIONAL CANCER RESEARCH INTERESTS

- 1) Protocol development of translational research-based national cooperative group combined modality therapeutic clinical trials for GI and thoracic solid tumors
- 2) Development of strategies to address barriers to participation in cancer clinical trials amongst minority and ethnic populations in the U.S.
- 3) Mediastinal tumors
- 4) SMMART (Serial Measurements of Molecular Architecture Responses to Therapy) trials, including radiomics as a tool to increase the therapeutic ratio in radiation oncology
- 5) Pre-clinical & clinical characterization of the interaction between novel systemic therapeutics and ionizing radiation
- 6) Cancer emergency medicine

HEALTH SERVICES RESEARCH INTERESTS

- 1) Mentorship in Academic Radiation Oncology
<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/about/training-mentoring.cfm>
- 2) Development of pipeline strategies to increase URM investigators into radiologic sciences and cancer medicine
<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/about/diversity.cfm>
- 3) Patient-Provider Communication
- 4) Burnout Assessment & Management in Academic Leaders
- 5) Interaction of Mentoring and Academic Productivity

Patents:

U.S. Patent No.: 10,941,403
Title: MicroRNA Inhibitors as Anti-Cancer Therapeutics
Issue Date: March 9, 2021

U.S. Patent No.: 63/074,738 (provisional)
Title: Biomarkers for Detection and Treatment of Cirrhosis and Hepatocellular Carcinoma
Issue Date: September 4, 2021 (filing date)

Grants and Contracts:

National

Source: Optimed
Title: A Multicenter, single-arm study to evaluate the safety and effectiveness of the Optimed Sinus XL Flex Modified Stent System when used to address symptomatic vena cava venous outflow obstruction due to malignant neoplasm
Period: 2019 -2025
Direct Costs / Current Year/ Total*: TBD
Role: National Co-PI-Charles R. Thomas, Jr., M.D.
Source: Veterans Administration

Title: NAVIGATE (NCI And Interagency Group to Accelerate Trials Execution)

Period: 2018 -2020
Direct Costs / Current Year/ Total*: \$125,000.00/year in directs over a 2 year period
2018-2020
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI, Mark Garzotto, MD)

Source: National Science Foundation
Title: Physics in Medicine: Active Learning Tools for Undergraduate Physics Courses Developed in a Joint Collaboration of STEM Scientists and Medical Experts

Period: 2012-2015
Direct Costs / Current Year/ Total*: \$399,998.00 (Portland State University holds the grant)
Role Co-PI – Charles R. Thomas, Jr., M.D. (PI, Ralf Widenhorn, PhD)

Source: National Institute of Health/National Cancer Institute
Title: Student Institute to Stimulate Interest in Radiological Sciences (SISIRS)
PAR 12-049 R25 Cancer Education Grants Program
Period: 2012-2016
Direct Costs / Current Year/ Total*: \$1,200,000.00
Not funded
Subcommittee F-Manpower & Training Study Section
Role PI – Charles R. Thomas, Jr., M.D.

Source: National Institute of Health/National Cancer Institute
Title: Evaluating Cancer Disparities Among Hispanic Communities
www3.cancer.gov/rrp/cdrp/cdrp_site_mercyhc.shtml
Period: 2002-2007
Direct Costs / Current Year/ Total*: \$2,307,997.00 (Mercy Medical Center, Laredo, held the grant);
\$220,000.00 comes to the UTHSCSA, including the
\$175,000.00 TELESYNERGY Suite (rm 255A underneath the auditorium)
2003
Role Co-PI – Charles R. Thomas, Jr., M.D.

Source: National Institute of Health/National Cancer Institute
Title: UTHSCSA SWOG RADIOTHERAPY GRANT & VICE-CHAIR OF SWOG RADIATION THERAPY COMMITTEE STIPEND
Period: 2001
Direct Costs / Current Year/ Total*: \$12,000.00
2003
Role: PI-Charles R. Thomas, Jr., M.D.

Institutional

Source: Oregon Clinical & Translational Research Institute (OCTRI), CTSA Catalyst Award
Title: DNA Repair Enzymes as Novel Drug Targets in Cancer Therapeutics
Period: 2014-15
Direct Costs / Current Year/ Total*: \$100,000
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI-R. Stephen Lloyd,

Ph.D.)

Source: OHSU Cancer Institute Translational Research Pilot Grant
Title: Delayed Replication Timing & Genomic Instability in Esophageal Squamous cell Carcinoma
Period: 2007-08
Direct Costs / Current Year/ Total*: \$100,000
2007-present
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI-Mathew J. Thayer, Ph.D.)

Source: Medical Research Foundation Seed Grant
Title: Determining the Relationship Between IL-1beta, TNF-alpha, & IL-6 Response to EBRT & Treatment-related Fatigue in Patients with Prostate Cancer
Period: 2007-08
Direct Costs / Current Year/ Total*: \$15,000
2007-08
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI-Tasha McDonald, M.D.)

Source: San Antonio Cancer Institute
Title: Effects of Radiation Therapy on Tumor Angiogenesis
Period: 2001
Direct Costs / Current Year/ Total*: \$20,000
2003
Role: PI-Charles R. Thomas, Jr., M.D.

Source: Veterans of Foreign Wars Ladies Auxillary
Title: Esophagus and lung cancer research efforts on behalf of Audie Murphy VA Medical Center patients.
Period: 2003
Direct Costs / Current Year/ Total*: \$15,000.00
2003
Role: PI-Charles R. Thomas, Jr., M.D.

4. INDUSTRY

Source: Bristol-Myers Squibb
Title: Phase I/II Open Label Multi-Center Study of Immune Checkpoint Therapy with Nivolumab for Patients with Locally Advanced Esophageal Squamous Cell Carcinoma
Period: 2017-present
Direct Costs / Current Year/ Total*:
Role: Institutional Co-PI-Charles R. Thomas, Jr., M.D. (Limited institutional trial: NYU, MSKCC, USC, & OHSU)

Source: Sanofi-Synthelabo
Title: Phase III Randomized Trial of Concomitant Radiation, Cisplatin, and Tirapazamine (SR259075) versus Concomitant Radiation and Cisplatin in Patients with Advanced Head and Neck Cancer.
Period: 2002-2005
Direct Costs / Current Year/ Total*:

Role: 2003
PI-Charles R. Thomas, Jr., M.D.

Source: MedImmune Oncology
Title: A Phase III Double-Blind Trial of Subcutaneous and Intravenous Amifostine vs. Placebo in the Prevention of Radiochemotherapy-Induced Toxicities in Patients with Unresectable Non-Small Cell Lung Cancer.
Period: 2002-2005
Direct Costs / Current Year/ Total:

2003
Role: PI-Charles R. Thomas, Jr., M.D.

Source: Smith Kline & Beechman
Title: A Phase II Trial of Twice Daily Oral Topotecan as a Radiation Sensitizer with Twice Daily Radiotherapy for Newly Diagnosed Small Cell Lung Cancer.
Period: 2002-2005
Direct Costs / Current Year/ Total*:

\$15,570.00
Role: PI-Charles R. Thomas, Jr., M.D.

Source: ImClone
Title: Inhibitory Effect of IMC-225 on Radiation-Induced Delayed Effect on Tumor Recurrence
Period: 2004-2006
Objectives: To investigate whether the EGFR inhibitor IMC-C225 attenuates the key signaling pathways involved in radiation-induced immediate and delayed effect, and thereby can serve as a potential agent in limiting tumor recurrence and improve outcome
Direct Costs / Current Year/ Total*: \$160,000.00 (total)
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI, Mohan Natarajan, PhD)

Source: MedImmune Oncology, Inc.
Title: Potential of Amifostine as an Angio-angiogenic Agent Either Alone or in Combination with Single- or Fractionated-dose Radiation Therapy
Objectives: To study whether amifostine can potentially inhibit angioagenic growth factors in tumor cells and simultaneously block tumor cell stimulated expression of receptors in endothelial cells & thereby attenuate the process of new blood vessel formation
Period: 2004-2006

Direct Costs / Current Year/ Total*: \$60,000.00 (total)
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI, Mohan Natarajan, PhD)

Source: Novartis, Inc.
Title: Determination of the antitumor activity of Gimatecan in combination with ionizing radiation *in-vitro*
Period: 2004-2006

Direct Costs / Current Year/ Total: \$63,000.00 (total)
Role: Co-PI-Charles R. Thomas, Jr., M.D. (PI, Jan Woynarowski, PhD)

Publications/Creative Work:

PubMed Listings

<https://www.ncbi.nlm.nih.gov/pubmed/?term=thomas+cr+jr>

<https://www.ncbi.nlm.nih.gov/pubmed/?term=thomas+cr+jr+or+thomas+c+jr>

Books

TEXTBOOKS/PERIODICALS/SUPPLEMENTS

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/presentations-publications/faculty-textbooks.cfm>

Wood DE, **Thomas CR Jr.** (Eds) Medical Radiology – Diagnostic Imaging and Radiation Oncology
Volume: Mediastinal Tumors: Update 1995, 1st Edition. Heidelberg, Springer-Verlag, ISBN 3-540-58750-0/SAP No. 10487521, 1993, 131 pages

http://catalog.loc.gov/cgi-bin/Pwebrecon.cgi?v3=3&ti=1,3&hd=1,0&SEQ=20090102190802&Search_Arg=charles%20r.%20thomas&Search_Code=NAME%40&CNT=100&PID=yoCvgP-T3qNTnqivZNoBpIN3Vs&SID=2

Merrick HW, **Thomas CR Jr.** (Eds), Intraoperative Radiation Therapy, Surgical Oncology Clinics of North America series, Philadelphia, WB Saunders, 2003

(<http://www.surgonc.theclinics.com/article/PIIS1055320703000966/fulltext>;
<http://surgonc.theclinics.com/issues/contents>)

Kahlenberg MS, **Thomas CR Jr.** (Eds), Multidisciplinary Management of Anal Cancer, Surgical Oncology Clinics of North America series, Philadelphia, WB Saunders, 2004

Greene EL, **Thomas CR Jr.** (Eds), Minority Health Issues, Medical Clinics of North America series, Vol 89, No. 4-5, Philadelphia, WB Saunders, May & July 2005

(<http://www.medical.theclinics.com/forthcoming>)
http://www.elsevier.com/wps/find/journalrelatedinfo.cws_home/623317/issuehighlights1

Thomas CR Jr., Kachnic LA (Eds), Radiation Medicine for the Practicing Oncologist, Hematology Clinics of North America series, Vol 20, No. 1-2, Philadelphia, WB Saunders, February & April 2006, ISBN 1-4160-3549-4 (<http://www.hemonc.theclinics.com/>)

<http://www.us.elsevierhealth.com/product.jsp?isbn=1416035494>
<http://www.us.elsevierhealth.com/product.jsp?isbn=1416035508>

Olopade O, Schwartzmann G, Saijo N, **Thomas CR Jr.** (Guest Editors), Disparities in Cancer Care Delivery, J Clin Oncol Special Series, May 10, 2006 [<http://www.jco.org/content/vol24/issue14/>]

Thomas V, **Thomas CR Jr.** (Eds), Cutaneous Manifestations of Internal Malignancy and Cancer Treatment-related Skin Changes, Dermatologic Clinics of North America, Volume 26, Issue 1, Philadelphia, WB Saunders, January 2008, ISBN 0733-8635, ISBN-13: 978-1-4160-5774-1

(<http://www.derm.theclinics.com/>)
<http://download.journals.elsevierhealth.com/pdfs/journals/0733-8635/PIIS073386350700099X.pdf?clusterid=clinics&mis=.pdf>

Daya M, **Thomas CR Jr.** (Eds), Cancer Emergencies: Part 1, Emergency Medicine Clinics of North America, Volume 27, Issue 2, Philadelphia, WB Saunders, May 2009,

(<http://www.emed.theclinics.com/>)

Thomas CR Jr, Fuller CD (Eds), Biliary Tract and Gallbladder Cancer: Diagnosis & Therapy, 1st edition, New York, Demos Publishers, 296 pages
ISBN 1933864427/9781933864426, published Fall 2008

Blair JA, **Thomas CR Jr**, Hunter JG (Eds), Esophagus Tumors: Principles and Practice, New York, Demos Publishers, 2008 <http://www.demosmedpub.com/Default.aspx>

Daya M, Spiro DM, **Thomas CR Jr**. (Eds), Cancer Emergencies, Hematology/Oncology Clinics of North America 24(3), Philadelphia, WB Saunders/Elsevier, June 2010, (<http://www.hemonc.theclinics.com/>)

Scalapino KJ, **Thomas CR Jr**. (Eds), Paraneoplastic and Cancer Treatment-Related Rheumatic Disorders, Rheumatic Disease Clinics of North America 37(4):489-648, Philadelphia, Elsevier/WB Saunders, November 2011, <http://www.rheumatic.theclinics.com/>
<http://www.ncbi.nlm.nih.gov/pubmed/22075202>

Ord CB, Hansen EK, **Thomas CR Jr** (Eds), Radiation Oncology Study Guide (1st edition), Springer, 2013, 300 pp, ISBN 978-1-4614-6399-3
<http://www.ncbi.nlm.nih.gov/nlmcatalog/101613474>
<http://www.springer.com/medicine/radiology/book/978-1-4614-6399-3>

Herman JM, Pawlik TM, **Thomas CR Jr**. (Eds), Biliary Tract and Gallbladder Cancer: Diagnosis & Therapy, 2nd edition, Springer, 2014
<http://www.springer.com/medicine/radiology/book/978-3-642-40557-0>

Todd KH, **Thomas CR Jr**. (Eds), Oncologic Emergency Medicine: Principles and Practice, 1st edition, Springer, 2016
<http://www.springer.com/us/book/9783319263854>

Chandra RA, Kachnic LA, **Thomas CR Jr**. (Eds), Contemporary Topics in Radiation Medicine, Part I: Current Issues and Techniques, Hematology Clinics of North America series, December, 33(6):915-1128, 2019 <https://www.ncbi.nlm.nih.gov/pubmed/31668217>

Chandra RA, Kachnic LA, **Thomas CR Jr**. (Eds), Contemporary Topics in Radiation Medicine, Part II: Disease Sites, Hematology Clinics of North America series, February, 33(7):2020
<https://www.ncbi.nlm.nih.gov/pubmed/31739955>

Chandra R, Ord CB, Rana S, Hansen EK, **Thomas CR Jr** (Eds), Radiation Oncology Study Guide. (2nd edition), Springer, 2020, <https://www.springer.com/gp/book/9783030536862>

Todd KH, **Thomas CR Jr**., Alagappan K (Eds), Oncologic Emergency Medicine: Principles and Practice, 2nd edition, Springer International Publishing; 2021. ISBN: 978-3-030-67123-5
<https://www.springer.com/gp/book/9783030671228>

Chandra RA, Vapiwala N, **Thomas CR Jr**. (Eds), Career Development in Academic Radiation Oncology, 1st edition, Springer, 2021, ISBN 978-3-030-71855-8
[Career Development in Academic Radiation Oncology | Ravi A. Chandra | Springer](#)

Herman JM, Pawlik TM, **Thomas CR Jr**. (Eds), Biliary Tract and Gallbladder Cancer: Diagnosis & Therapy, 3rd edition, Springer, 2021

Boopathy R, Heard M, **Thomas CR Jr**. (Eds), Absolute Therapeutic Medical Physics Review: Questions and Detailed Answers, 1st edition, Springer, 2022

Chapters

Colbert L, Yuan Y, Zindler J, Fuller CD, **Thomas CR Jr**: Assessment of Radiotherapeutic Strategies in Phase I Trials, *In* Yap T, Rodon J, Hong D (Eds), Phase I Trials in Oncology, Springer, 2020.

Verma V, Chun SG, **Thomas CR Jr**: Uncommon Thoracic Malignances, *In* Gunderson LL, Tepper JE (Eds), Clinical Radiation Oncology, 5th edition, Philadelphia, Churchill Livingstone/Elsevier, 2020
<https://www.us.elsevierhealth.com/clinical-radiation-oncology-9780323672467.html>

Luh JY, **Thomas CR Jr**: Treatment for Small Cell Lung Cancer (Chapter 5), *In* Langhorne C, Sandt Lorren (Eds), Lung Cancer Choices: Diverse Viewpoints and Choices for Your Lung Cancer Journey. 4th edition, www.CaringAmbassadors.org , 2019, pp 83-96

Luh JY, **Thomas CR Jr**: Radiation Therapy for Non-Small Cell Lung Cancer (Chapter 4), *In* Langhorne C, Sandt Lorren (Eds), Lung Cancer Choices: Diverse Viewpoints and Choices for Your Lung Cancer Journey. 4th edition, www.CaringAmbassadors.org , 2019, pp 63-82

Berman AT, Fuller CD, Gillespie E, Chen Y, **Thomas CR Jr**: Methodology in Clinical Trials, *In* Halperin EC, Wazer DE, Perez CA, Brady LW (Eds), Practice and Principles of Radiation Oncology, 7th edition, Philadelphia, Lippincott Williams Wilkins, 2018

Brown SA, Bazan JG, Jaboin JJ, Eng TY, **Thomas CR Jr**: Non-malignant Disease, *In* Halperin EC, Wazer DE, Perez CA, Brady LW (Eds), Practice and Principles of Radiation Oncology, 7th edition, Philadelphia, Lippincott Williams Wilkins, 2018

Shervani S, Gomez D, Fuller CD, **Thomas CR Jr**: Mediastinal & Tracheal Cancers, *In* Halperin EC, Wazer DE, Perez CA, Brady LW (Eds), Practice and Principles of Radiation Oncology, 7th edition, Philadelphia, Lippincott Williams Wilkins, 2018

Zeng J, Rengan R, **Thomas CR Jr**: Uncommon Thoracic Malignances, *In* Gunderson LL, Tepper JE (Eds), Clinical Radiation Oncology, 4th edition, Philadelphia, Churchill Livingstone/Elsevier, 2015.

Eil R, Voncken F, Torres-Roca J, **Thomas CR Jr**: Esophageal cancer, *In* Gaspar LE, Nieder C (Eds), Decision Tools for Radiation Oncology: Prognosis, Treatment Response and Toxicity, Springer, 2014
<http://www.springer.com/medicine/radiology/book/978-3-642-37101-1>

Winkfield KM, Bazan JG, Gibbs IC, Eng TY, **Thomas CR Jr**: Non-malignant Disease, *In* Halperin EC, Wazer DE, Perez CA, Brady LW (Eds), Practice and Principles of Radiation Oncology, 6th edition, Philadelphia, Lippincott Williams Wilkins, 2013, pp. 1729-1752
<http://www.lww.co.uk/index.cfm?fuseaction=MA.productInfo&isbn=9781451116489>

Gomez D, Chennupati S, Fuller CD, **Thomas CR Jr**: Mediastinal & Tracheal Cancers, *In* Halperin EC, Wazer DE, Perez CA, Brady LW (Eds), Practice and Principles of Radiation Oncology, 6th edition, Philadelphia, Lippincott Williams Wilkins, 2013, pp. 973-997
<http://www.lww.co.uk/index.cfm?fuseaction=MA.productInfo&isbn=9781451116489>

Rengan R, **Thomas CR Jr**: Uncommon thoracic malignancies, *In* Brady LW, Yaeger TE IV, Reiner C, Mose S, Reiff JE (Eds), Encyclopedia of Radiation Oncology, Springer, 2011
<http://refworks.springer.com/mrw/index.php?id=2952>

Bonner L, Rengan R, **Thomas CR Jr**: Uncommon Thoracic Malignances, *In* Gunderson LL, Tepper JE (Eds), Clinical Radiation Oncology, 3rd edition, Philadelphia, Churchill Livingstone/Elsevier , 2011, pp. 859-889, chapter 44

Cameron RB, Loehrer PJ, **Thomas CR Jr**: Neoplasms of the mediastinum, *In* DeVita VT Jr, Lawrence TS, Rosenberg SA (Eds), Cancer: Principles & Practice of Oncology, 9th edition, Philadelphia, Lippincott Williams & Wilkins, 2011, pp 871-881, Chapter 77

Sanghvi P, Choi M, Holland J, Thomas CR Jr: Adjuvant (postoperative) therapy, chapter 53, *In* Blair JA, **Thomas CR Jr**, Hunter JG (Eds), Esophagus Tumors: Principles and Practice, New York, Demos Publishers, 2008

Cameron RB, Loehrer PJ, **Thomas CR Jr**: Chapter 38: Neoplasms of the mediastinum, *In* DeVita VT Jr, Lawrence TS, Rosenberg SA (Eds), Cancer: Principles & Practice of Oncology, 8th edition, Philadelphia, Lippincott-Raven Publishers, 2008, pp. 973-988
<http://www.lww.com/product/?978-0-7817-7207-5>

Hung AY, Eng TY, Scarbrough TJ, Fuller CD, **Thomas CR Jr**: Mediastinal and Tracheal Tumors, Chapter 49, *In* Halperin EC, Perez, Brady LW, Freeman C, Prosnitz LR, Wazer DE (Eds), Practice and Principles of Radiation Oncology, 5th edition, Philadelphia, Lippincott Williams Wilkins, 2007, pp 1109-1130

Papadopoulos K, **Thomas CR Jr**: Squamous cell carcinoma of the anal canal, *In* McCulloch P, Kerr D, Karpeh M, Ajani J (Eds), Gastrointestinal Oncology: Evidence and Analysis, 1st edition, New York, Marcel Dekker Inc , 2005.

Eng TY, Stevens CW, Rice D, **Thomas CR Jr**: Uncommon Thoracic Malignances (Chapter 43), *In* Gunderson LL, Tepper JE (Eds), Clinical Radiation Oncology, 2nd edition, Philadelphia, Churchill Livingstone/Elsevier , 2007, pp 973-1005.

Cameron RB, Loehrer PJ, **Thomas CR Jr**: Chapter 32: Neoplasms of the mediastinum, *In* DeVita VT Jr, Hellman S, Rosenberg SA (Eds), Cancer: Principles & Practice of Oncology, 7th edition, Philadelphia, Lippincott-Raven Publishers, 2004. pp. 845-860

Eng TY, Scarbrough TS, **Thomas CR Jr**: Mediastinal and Tracheal Tumors, (Chapter 45), *In* Perez, Brady LW, Halperin EC, Schmidt-Ullrich R (Eds), Practice and Principles of Radiation Oncology, 4th edition, Philadelphia, Lippincott Williams Wilkins, 2003, pp 1244-1281

Hevezi JM, **Thomas CR Jr**: Image Guided Brachytherapy: Interventional Brachytherapy (Chapter 20), *In* Ray CE Jr., Hicks ME, Patel NH (Eds), Interventions in Oncology, (Society of Interventional Radiology Syllabus XII 2003, pp. 225-237

Wallace M, **Thomas CR Jr**: Gastrointestinal lymphoma and AIDS-related gastrointestinal cancer (chapter 47), *In* Rustgi AK, Crawford J (Eds), Gastrointestinal Cancers: A Companion to Sleisengers & Fordtran's Gastrointestinal and Liver Disease, 2nd edition, Philadelphia, Lippincott-Raven Publishers, 2003, pp 655-679.

Williams TE, **Thomas CR Jr**, Eady JL, Turrisi AT III: Lung cancer (chapter 19), *In* Heiner JP, Kinsella T, Zdeblick TA (Eds), Management of Metastatic Disease to the Musculoskeletal System, 1st edition, St. Louis, Quality Medical Publishing, 2002, pp. 265-273.

Eng TY, **Thomas CR Jr**, Fitzgerald RH Jr: Management of cancer pain utilizing radiation therapy (chapter 41), *In* Tollison CD, Satterthwaite JR, Tollison JW (Eds), Practical Pain Management, 3rd edition, Philadelphia, Lippincott, Williams & Wilkins Publishers, 2002, pp. 636-653.

Williams TE, **Thomas CR Jr**, Turrisi AT III: Limited-stage SCLC: Radiotherapy fractionation and volume issues, *In* Movsas B, Langer CJ, Goldberg M (Eds) Controversies and Issues in Lung Cancer: A Multidisciplinary Approach, 1st edition, New York, Marcel Dekker, 2001, pp. 43-58.

Cameron RB, Loehrer PJ, **Thomas CR Jr**: Chapter 32: Neoplasms of the mediastinum, *In* DeVita VT Jr, Hellman S, Rosenberg SA (Eds), Cancer: Principles & Practice of Oncology, 6th edition, Philadelphia, Lippincott-Raven Publishers, 2000, pp. 1019-1036.

Thomas CR Jr, Cobos E, Williams TE, Turrisi AT III: Lung Cancer, *In* Eyre HJ, Lenhard RE Jr, Brady LW, Gansler T (Eds) Textbook of Clinical Oncology, 3rd edition, Atlanta, American Cancer Society, 2000, pp. 269-296.

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Nugent SM, Golden SE, **Thomas CR Jr.**, Slatore C for the Early Stage Lung Cancer Comparative Effectiveness Research Consortium: Patient-clinician communication among patients with stage I lung cancer: a prospective study from a NCI Comprehensive Cancer Center. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

DuRoss AN, Rosch J, Brown A, Sahay G, Jaboin JJ, **Thomas CR Jr.**, Sun C: Radiolytic nanoparticle delivery of radiation sensitizers for BRCA-proficient triple negative breast cancer. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

McGinnis GJ, Yu B, Ransom C, Guidarelli C, **Thomas CR Jr.**, Winters-Stone K, Raber J: E4 cancer survivors show better fall and functional status outcomes after receiving exercise interventions than non-E4 cancer survivors. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

Ahmed AA, Yoo SK, Holliday EB, Prasad V, **Thomas CR Jr.**: Conflicts of interest among public speakers at the American Society for Radiation Oncology (ASTRO) annual meeting: discrepancies reveal room for improvement. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

Gunther JR, Parekh A, Berman AT, Braunstein SE, Hirsch AE, Yechieli RL, Fields EC, Jimenez RB, Gillespie EF, **Thomas CR Jr.**, Golden SW: Assessment of program director and resident needs for a standardized introductory radiation oncology curriculum and boot camp. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

McClelland III S, Holliday EB, Wilson LD, **Thomas CR Jr.**, Jaboin JJ: Association of pre-residency peer reviewed publications with radiation oncology resident choice of academic versus private practice career. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

Binder C, Skalet AH, Jia Y, Liu L, Miller A, Wilson DJ, Crilly R, **Thomas CR Jr.**, Hung AY, Huang D: Radiation retinopathy following I-125 plaque brachytherapy for uveal melanoma as evaluated by OCT angiography. 59th Annual Meeting of the American Society of Radiation Oncology (ASTRO), San Diego, Int J Radiat Oncol Biol Phys, abstract no., 2017

Kelly K, Rana S, Ruhl R, Lanciault C, **Thomas CR Jr.**, Anand S, Tsikitis VL: Understanding and resetting radiosensitivity in rectal cancer. World Congress of Surgery, Basel, Switzerland, August 13-17, 2017

Robinson J, Dieckmann N, Withers E, Hassouneh, **Thomas CR Jr.**: Audit Study of Cancer Research Mentorship Opportunities by NCI-funded PIs: Analysis of a Pathway Barrier for Diversity. 53rd Annual Meeting of the American Society of Clinical Oncology, Chicago. J Clin Oncol 35, 2017 (Suppl; abstr 6566)

Rana S, Espinosa C, **Thomas CR Jr.**, Anand S: Differential expression of microRNA between standard conventional dose versus ablative dose radiation in colorectal cancer. Proc of the 99th Annual Meeting of the American Radium Society, The Broadmoor, Colorado Springs, May 6-9, 2017

Brown S, Gilbert E, **Thomas CR Jr.**, Mitin T: Low-dose radioteharpy is an effective treatment for refractory post-operative chylous ascites: a case report. Proc of the 99th Annual Meeting of the American Radium Society, The Broadmoor, Colorado Springs, May 6-9, 2017

McClelland II S, Deville C, **Thomas CR Jr.**, Jaboin J: An overview of disparities research in access to radiation oncology care. Proc of the 99th Annual Meeting of the American Radium Society, The Broadmoor, Colorado Springs, May 6-9, 2017

Zaorsky NG, Ahmed AA, Fuller CD, **Thomas CR Jr.**, Choi M, Holiday EB: Financial conflicts of interest are correlated with publication productivity among academic radiation oncologists. Proc of the 99th Annual Meeting of the American Radium Society, The Broadmoor, Colorado Springs, May 6-9, 2017

Kelley KA, Rana S, Ruhl R, Lanciault C, Hunter J, **Thomas CR Jr.**, Anand S, Tsikitis VL: Understanding and resetting radiosensitivity in rectal cancer. 137th Annual Meeting of the American Surgical Association, Philadelphia, April 20-22, 2017 <http://meeting.americansurgical.org/>

Scarpelli JW, Lane RS, Walker JM, **Thomas CR Jr.**, Nolz JC, Lund AW: Acquisition of P- and E selectin binding capacity by effector T cells is required for the abscopal response following experimental high dose radiation therapy. 108th Annual Meeting of the Am Assoc Cancer Res 2017, Washington, DC, April 1-5, 2017 <http://www.aacr.org/>

Rana S, Kelley K, Ruhl R, **Thomas CR Jr.**, Tsikitis L, Anand S: MicroRNA regulation of radiation sensitivity in colorectal cancer. 108th Annual Meeting of the Am Assoc Cancer Res 2017, Washington, DC, April 1-5, 2017 <http://www.aacr.org/>

Mitin T, Jain A, Degnin C, Chen Y, Hung A, Jaboin J, **Thomas CR Jr.**: Current patterns of care for patients with stage 1 testicular seminoma: Survey of US radiation oncologists on treatment recommendations. Proceedings of the 2017 Genitourinary Cancers Symposium, San Francisco, Feb. 16-18, 2017, J Clin Oncol

Kelley K, Ruhl R, Rana S, **Thomas CR Jr.**, Anand S, Tsikitis VL: MicroRNA 451 and 203 regulation of radiation sensitivity in rectal carcinomas. 12th Annual Academic Surgical Congress, February 7-9, 2017, Las Vegas <http://academicsurgicalcongress.org/>

Brown SA, Mhlanga J, Mitin T, **Thomas Cr Jr.**, Gilbert E: Low-dose radiotherapy is an effective treatment for refractory post-operative chylous ascites: a case report. 88th Annual Meeting of the Pacific Coast Surgical Association, Hyatt Regency Indian Wells, Indian Wells, CA, Feb 17-20, 2017

Walker SJ, Chen Y, Leatherwood A, Paik K, Mirly B, **Thomas CR Jr.**, Hung AY: Spiritual well-being (WB) pre- and post-radiotherapy for prostate cancer: Correlates with health-related quality of life and psychological state. Cancer Survivorship Symposium: Advancing Care and Research, January 27-28, 2017, San Diego

Leatherwood A, Walker SJ, Hedlund S, **Thomas CR Jr.**: Is discussion of survivorship care plans an accurate surrogate for quality cancer care? Cancer Survivorship Symposium: Advancing Care and Research, January 27-28, 2017, San Diego

Rana SR, Kelley K, Ruhl R, **Thomas CR Jr.**, Tsikitis VL, Anand S: MicroRNA regulation of radiation sensitivity in colorectal cancers. Proceedings of the 2017 Gastrointestinal Cancers Symposium, San Francisco, Jan 19-21, 2017

Nabavizadeh N, Waller J, Fain R III, Chen Y, Degnin C, Elliott D, Mullins BT, Patel I, Dyer BA, Naugler WE, Farsad K, Tanyi J, Fuss M, **Thomas CR Jr.**, Hung AY: Safety and efficacy of accelerated hypofractionation and stereotactic body radiotherapy for hepatocellular carcinoma in the setting of advanced liver dysfunction. Proceedings of the 2017 Gastrointestinal Cancers Symposium, San Francisco, Jan 19-21, 2017

Invited Lectures, Panels, Conference Presentations or Professorships:

International and National (truncated to include 2012 - present)

Faculty, "Design of Clinical Trials" & "Career Advancement", 4th Methods in Clinical Research Workshop for Minority Physicians, TBD, 2021

Co-Presenter, Panel Session, "Radiation in the Multidisciplinary Management of Thymic Malignancies", American Society of Therapeutic Radiology & Oncology 63rd Annual Meeting, Chicago, October 24-27, 2021; *I declined in order to provide gender diversity to panel*

Panelist, "Editors Rountable", American Radium Society 103rd Annual Meeting, Maui, Hawai'i, September 29, 2021

Visiting Faculty (virtual), Department of Radiation Oncology, Northwell Health/Zucker School of Medicine @ Hofstra University, May 19, 2021

Visiting Faculty, "Dept. Chair Phenotype: Serial Qualitative Research Surveys of SCAROP (Soc. of Chairs of Academic Radiation Oncology Programs)", Norris Cotton Cancer Center/Geisel School of Medicine at Dartmouth, April 12, 2021

Co-Presenter, Panel Session, "Diversity in Cancer Care: Does it Matter?", Women & Diversity Committee, Society for Neuro-Oncology, February 12, 2021; https://www.soc-neuro-onc.org/WEB/About_Content/News_Pages/Webinar_Diversity_in_Clinical_Cancer_Care_Does_it_matter.aspx

Visiting Faculty (virtual), "Oncologic Emergency Medicine: Another Spoke in the Wheel of Expanding the Radiation Oncology Career Denominator", Department of Radiation Oncology, MD Anderson Cancer Center, January 25, 2021

Visiting Faculty (virtual), Department of Radiation Oncology, University of Mississippi, July 22, 2020

Visiting Faculty (virtual), Department of Radiation Oncology, Brigham & Women's Hospital, Harvard Medical School, May 20, 2020

Visiting Faculty, "Thymic Neoplasms: Update 2020", Department of Radiation Oncology, Mayo Clinic, Scottsdale, February 20, 2020

Faculty, 2020 RSNA Clinical Trials Methodology Workshop, Coronado, CA, January 11-17, 2020

<https://www.rsna.org/education/workshops/clinical-trials-methodology-workshop>

Co-Presenter, Panel Session, "Improving Physician-Patient Communication and Informed Consent to Ensure Ethical Conduct of Routine Clinical Care & Clinical Research", American Society of Therapeutic Radiology & Oncology 61st Annual Meeting, Chicago, September 15-18, 2019

Co-Presenter, Panel Session, "Emotional Intelligence Leadership Strategies in Practice Management and Patient Care", American Society of Therapeutic Radiology & Oncology 61st Annual Meeting, Chicago, September 18, 2019

Faculty, 2019 RSNA Clinical Trials Methodology Workshop, Coronado, CA, January 5-11, 2019.

Visiting Faculty, Department of Radiation Oncology & Molecular Sciences, Johns Hopkins University School of Medicine, Baltimore, December 6, 2018

Co-Presenter, Panel Session, "Leadership Development for the Radiation Oncologist of the Future", American Society of Therapeutic Radiology & Oncology 60th Annual Meeting, San Antonio, October 21-24, 2018

Co-Presenter, Panel Session, "Burnout and Work-Life Balance in Radiation Oncology", American Society of Therapeutic Radiology & Oncology 60th Annual Meeting, San Antonio, October 21-24, 2018

Session Chair, "Choosing a Mentor & Obtaining Letters of Support", Grants Writing Workshop, 54th Annual Meeting of the American Society of Clinical Oncology, Chicago, June 1, 2018

Visiting Faculty, "Audit Study of Cancer Research Mentorship Opportunities by NCI-funded PIs: Analysis of a Pathway Barrier for Diversity", Department of Radiation Oncology, University of Iowa/Carver College of Medicine, Iowa City, April 6, 2018

Co-Lead, ARRO Poster Walk session, "Education & History in Radiation Oncology", American Society of Therapeutic Radiology & Oncology 59th Annual Meeting, San Diego, September 25, 2017

Co-Presenter, Educational Session, "Oncologic Emergency Medicine: Research Agenda for Academic Medicine", American Society of Therapeutic Radiology & Oncology 59th Annual Meeting, San Diego, September 27, 2017

Invited Speaker, 46th Annual Radiation Oncology Outcomes Tracking Seminar, "Chemoradiotherapy of Anal Cancer: Current Standards and Future Directions" and "Results of the Early Stage Lung Cancer Comparative Effectiveness Research Consortium: a Research Initiative of the Radiation Oncology Institute", Gainesville, Florida, February 24-25, 2017

Visiting Faculty Grand Rounds, "Chemoradiotherapy of Anal Cancer: Current Standards and Future Directions", Department of Radiation Oncology, University of Pittsburgh Medical Center, Pittsburgh, January 24, 2017

Visiting Faculty Grand Rounds, "Combined Modality Approaches for Esophageal Cancer: a Model for Mentorship, Career Development, Discovery, & Collaborative Programmatic Growth", Department of Radiation Oncology, Northwestern Medical School, Chicago, November 29, 2016

Invited Faculty Presenter, "Chemoradiotherapy of Anal Cancer: Current Standards and Future Directions", XX Russian Oncologic Congress/Russian Society of Clinical Oncology/Russian Academy of Sciences, Moscow, November 15-17, 2016

Invited Faculty Presenter, "Overview of Radiotherapy in the Management of Biliary Tract Tumors, Gallbladder Cancer, & Hepatocellular Carcinoma", XX Russian Oncologic Congress/Russian Society of Clinical Oncology/Russian Academy of Sciences, Moscow, November 15-17, 2016

Discussant, Health Services Research oral session: Disparities in RT Delivery in the US, Scientific Session 10, American Society of Radiation Oncology 58th Annual Meeting, Boston, September 26, 2016.

Invited Faculty Presenter, "Choosing a Mentor & Obtaining Letters of Support", Grants Writing Workshop, 52nd Annual Meeting of the American Society of Clinical Oncology, Chicago, June 3, 2016

Presenter, "Emotional Intelligence Survey Results", Annual meeting of the Society of Chairs of Academic Radiation Oncology Programs (SCAROP), Washington, DC, May 22, 2016

Presenter, "Update on the Integrity of the Radiation Oncology National Residency Matching Program", Annual meeting of the Society of Chairs of Academic Radiation Oncology Programs (SCAROP), Washington, DC, May 22, 2016

Faculty, "Design of Clinical Trials" & "Career Advancement", 3rd Annual Methods in Clinical Research Workshop for Minority Physicians, Ft. Lauderdale, FL, March 18-21, 2016

Visiting Faculty Grand Rounds, "Combined Modality Approaches for Esophageal Cancer: a Model for Mentorship, Career Development, Discovery, & Collaborative Programmatic Growth", Department of Radiation Oncology, UCLA School of Medicine, Los Angeles, February 2, 2016

Invited Presenter, "Supporting the Academic Mission, *Mentorship: Nature or Nurture? Gateways versus Pathways*", Association of American Cancer Institutes (AACI)/Cancer Center Administrators Forum (CCAF) Annual Meeting, Washington, D.C., October 25, 2015

Panelist, Young Physicians Workshop: Part I, ASTRO, MOC, & Challenging Scenarios, American Society of Radiation Oncology 57th Annual Meeting, San Antonio, October 20, 2015.

Faculty, 17th annual ECCO-AACR-EORTC-ESMO Workshop on Methods in Clinical Cancer Research, Flims Workshop, Flims, Switzerland, June 20-26, 2015.

Presenter, "Special Considerations in Combined Treatment Trials (Chemoradiation)—Principles, Implications for Design, Endpoints & Quality Control", 17th annual ECCO-AACR-EORTC-ESMO Workshop on Methods in Clinical Cancer Research, Flims Workshop, Flims, Switzerland, June 20-26, 2015.

Visiting Faculty Grand Rounds, "Combined Modality Approaches for Esophageal Cancer: a Model for Mentorship, Career Development, Discovery, & Collaborative Programmatic Growth", MAASTRO Clinic, Maastricht, The Netherlands, June 18, 2015

Department of Radiation Oncology Grand Rounds, "Recent Survey Analysis of Medical Student & Residency Experiences in Radiation Oncology: the NRMP Integrity analysis and the PROVES (Pregnancy & Parenthood in Radiation Oncology, Views & Experiences Survey) Analysis", Loyola University Strick School of Medicine, Maywood, IL, April 17, 2015

Visiting Faculty Grand Rounds, "Combined Modality Approaches for Esophageal Cancer: a Model for Mentorship, Career Development, Discovery, & Collaborative Programmatic Growth", Chicago Radiological Society, Chicago, IL, April 16, 2015
http://chicagoradiology.org/wp/?tribe_events=crs-april-meeting

Faculty, "Design of Clinical Trials" & "Career Advancement", 2nd Annual Methods in Clinical Research Workshop for Minority Physicians, Pomona, CA, March 18-21, 2015

43rd Annual Franz Buschke Lecture, Visiting Faculty Grand Rounds, "Combined Modality Approaches for Esophageal Cancer: a Model for Mentorship, Career Development, Discovery, & Collaborative Programmatic Growth", University of Texas Southwestern Medical Center, San Francisco, CA, February 13-15, 2015

Department of Radiation Oncology, Visiting Faculty Grand Rounds, "Combined Modality Approaches for Esophageal Cancer: a Model for Mentorship, Career Development, Discovery, & Collaborative Programmatic Growth", University of Texas Southwestern Medical Center, Dallas, TX, December 12, 2014

Department of Radiation Oncology, Visiting Faculty Grand Rounds, "Update on the Multidisciplinary Approach to Esophageal Cancer", University of Illinois Cancer Center, Chicago, IL, December 1, 2014

Panelist, Young Physicians Workshop: Part II, “Young Physician Vignettes—Challenging Situations”, American Society of Therapeutic Radiology & Oncology 56th Annual Meeting, San Francisco, September 13, 2014.

Presenter, ARRO Annual Seminar, “Career Development: Strategy Primer to Address Young Investigator Skill Set Gaps for Clinical Research”, American Society of Therapeutic Radiology & Oncology 56th Annual Meeting, San Francisco, September 13, 2014.

Visiting Faculty Grand Rounds, “Anal Cancer: Update on a Multi-modality Approaches to Care”, Department of Radiation Oncology, NYU Lagone Medical Center, New York, NY, September 5, 2014

Faculty, 16th annual ECCO-AACR-EORTC-ESMO Workshop on Methods in Clinical Cancer Research, Flims Workshop, Flims, Switzerland, June, 2014.

Co-presenter (with Silvia Formenti, MD), “Conducting & Preparing for Program Reviews”, Annual meeting of the Society of Chairs of Academic Radiation Oncology Programs (SCAROP), Washington, DC, May 4. 2014

Presenter, “Integrity of the Radiation Oncology National Residency Matching Program”, Annual meeting of the Society of Chairs of Academic Radiation Oncology Programs (SCAROP), Washington, DC, May 4. 2014

Mentor & Discussion Facilitator, “Navigating the Road to a Successful Career in Cancer Research” & “Career Transitioning: From Fellow to Junior Faculty”, 2014 MICR (Minorities in Cancer Research) Professional Advancement Roundtable, AACR Annual Meeting, San Diego, April 7, 2014.

Judge, AACR 9th Annual Undergraduate Student Caucus & Poster Competition, AACR Annual Meeting, San Diego, April 5, 2014.

Faculty, “Design of Clinical Trials” & “Career Advancement”, 1st Annual Methods in Clinical Research Workshop for Minority Physicians, Coral Gables, FL, March 13-15, 2014

Discussant, Digital Poster Discussion (DPD 09) GI session, American Society of Therapeutic Radiology & Oncology 55th Annual Meeting, Atlanta, September 25, 2013.

Faculty, 18th annual ASCO/AACR Workshop on Methods in Clinical Cancer Research, Vail, CO, July 27-August 2nd, 2013.

Faculty, 15th annual ECCO-AACR-EORTC-ESMO Workshop on Methods in Clinical Cancer Research, Flims Workshop, Flims, Switzerland, June 22-28, 2013.

Presenter, “Initial Results from the ROADMAP (Radiation Oncology Academic Development Academic Mentorship Assessment Project) Survey”, Society of Chairs of Academic Radiation Oncology Programs Annual Meeting, Washington, D.C., April 28, 2013.

Moderator, Radiobiology Scientific Session, Radiation Oncology, Radiological Society of North America 98th Scientific Assembly & Annual Meeting, Chicago, November 25, 2012.

Panelist, Young Physician’s Session, “Young Physician Vignettes—Challenging Situations”, American Society of Therapeutic Radiology & Oncology 54th Annual Meeting, Boston, October 27, 2012.

Co-Presenter, Educational Session 208, “Cancer Emergencies”, American Society of Therapeutic Radiology & Oncology 54th Annual Meeting, Boston, October 29, 2012.

Moderator, Scientific Session C/GI 1-Hypofractionated & Stereotactic Radiotherapy for Hepatic/Biliary/Pancreatic Tumors, American Society of Radiation Oncology 54th Annual Meeting, Boston, October 28, 2012.

Faculty, 17th annual ASCO/AACR Workshop on Methods in Clinical Cancer Research, Vail, CO, July 28-August 3rd, 2012.

Faculty, 14th annual ECCO-AACR-EORTC-ESMO Workshop on Methods in Clinical Cancer Research, Flims Workshop, Flims, Switzerland, June 23-29, 2012.

Faculty, “Radiation Oncology Highlights”, Career Development Subcommittee review for trainees, 48th Annual Meeting of the American Society of Clinical Oncology, Chicago, June 4, 2012

Presenter, "Burnout in Academic Chairs of Radiation Oncology: the SCAROP Survey", Society of Chairs of Academic Radiation Oncology Programs Annual Meeting, Washington, D.C., March 25, 2012.

Regional and Local (truncated to include 2012 - present)

Instructor/Presenter, "Session #16", Path-to-Leadership Faculty Development Course, Division of Management, OHSU School of Medicine, April 27, 2021

<https://www.ohsu.edu/school-of-medicine/management/paths-leadership>

Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Introductory Radiation Oncology Curriculum (IROC)", July 13, 2020

Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Thymic Neoplasms: Update 2020", December 15, 2019

Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Anal Cancer: Update on Combined-modality Approaches", February 11, 2019

Presenter, Grand Rounds, "Intraoperative Radiotherapy", Providence Medford Medical Center, November 7, 2018

Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Rectal Cancer: Update on Combined-modality Approaches", November 1, 2018

Panel Discussion, Dept. of Emergency Medicine & OHSU Knight Cancer Institute, Portland, OR, "The View from the Editor's Desk: Insight into Academic Medical Publishing", September 19, 2018

Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Esophageal Cancer: Update on Combined-modality Approaches", September 10, 2018

Presenter, Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Cancer Emergencies", July 30, 2018

Keynote Speaker, Annual LSAMP (Louis Stokes Alliance for Minority Participation) conference, Portland State University, April 2nd, 2016

Presenter, OHSU Head & Neck Tumor Board, "Intraoperative Radiotherapy Primer for the Head & Neck Oncology Team", OHSU, November 2, 2015

Annual Meeting "Short Course and Intraoperative Radiotherapy for Colorectal Cancer", Northwest Society of Colon & Rectal Surgeons, Lake Tahoe, California, August 15, 2015

Presenter, Department of Surgery Grand Rounds, "Intraoperative Radiotherapy", Providence-St. Vincent's Medical Center, July 30, 2015

Co-Presenter, Department of Surgery Grand Rounds, "Intraoperative Radiotherapy", OHSU, May 18, 2015

Co-Presenter, Department of Anesthesiology & Perioperative Medicine Grand Rounds, "Intraoperative Radiotherapy", OHSU, April 30, 2015

Presenter, Joint OHSU-Oregon State University Research Graduate Education Program Engineering Retreat, April 14, 2015, Portland, OR

Presenter, Western Esophageal Cancer Action Network (WECAN), August 22-23, 2014, Grants Pass, OR

Presenter, Grand Rounds, "Primer on Common Cancer Emergencies", Bay Area Medical Center, Coos

Bay, Oregon, February 20, 2014

Panelist, Collaborative Research Leadership Group Meeting, OHSU, Portland, OR, "Addressing Issues of Diversity & Disparities in Research @ OHSU", December 10th, 2012

Presenter, Resident Teaching Conference, Department of Diagnostic Radiology, OHSU Portland, OR, "Essentials of Radiation Oncology for the Diagnostic Radiologist", December 10, 2012

Panelist, "Physician-Scientist Career Development", Annual MSTP Research, September 29, 2012

Presenter, Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Limited-Stage Small Cell Lung Cancer", August 15, 2012

Presenter, Melanoma Tumor Board, OHSU Knight Cancer Institute, Portland, OR, "Superficial Hyperthermia", August 15, 2012

Norris Cotton Cancer Center/Dartmouth-Hitchcock Medical Center, Lebanon, NH, "Patterns-of-Care Assessment in Cancer Care: Update from the QRRO (Quality Research in Radiation Oncology) Program of the American College of Radiology", June 8, 2012

Instructor/Presenter, "Burnout Studies in Chairs of Academic Departments", Path-to-Leadership Faculty Development Course, Division of Management, OHSU School of Medicine, May 29, 2012

Presenter, "Optimizing Multidisciplinary Treatment of Rectal Cancer", 2012 Colorectal Cancer Symposium, Knight Cancer Institute, Newberg, Oregon, May 4, 2012

Presenter, Resident Teaching Conference, Department of Radiation Medicine, OHSU Knight Cancer Institute, Portland, OR, "Anal Cancer: Update on Combined-modality Therapeutics", May 2, 2012

Presenter, CELL 616 Advanced Topics in Cancer Biology, Graduate Studies program, OHSU, Portland, OR, "Primer on Radiation Oncology", May 2, 2012

Presenter, "Burnout Studies in Chairs of Academic Departments", Annual meeting of the Society of Chairs of Academic Radiation Oncology Programs (SCAROP), Washington, DC, March 25, 2012

Department of Surgery Grand Rounds, "Cancer Emergencies", OHSU, January 23, 2012

V. SERVICE

Committee Activity/Membership in Professional Societies, Working Groups, Study Sections:

<u>YEAR(S)</u>	<u>ORGANIZATION</u>
2021	Virtual Mentor, ASCO Oncology Summer Internship (OSI)
2021	Scientific Review Committee, LUNgevity Foundation
2021	Special Expert, NCI Gastrointestinal Steering Committee (GISC)
2020	Member, Geographic Mgt of Cancer Health Disparities Program (GMaP)
2020	Member, ASTRO Gender Ad-Hoc Task Force
2020-present	Search Comm., Editor-in-Chief for the <i>Int J Radiat Oncol Biol Phys</i>
2020	Steering Comm, RSNA Clinical Trials & Methodology Workshop
2019	Radiation Therapy for Rectal Cancer Guideline Task Force, ASTRO

2019	Special Emphasis Panel, Loan Repayment Program, NCI/NIH
2019	Program Committee, 12 th AACR Conf. on the Science of Cancer Health Health Disparities in Racial/Ethnic Minorities & the Medically Underserved
2018-2020	ASCO Diversity in Oncology Subcommittee
2018-2020	ASCO Leadership Development Program (LDP) Review & Selection Comm
2017-2019	ASTRO Nominating Committee
2017-2020	ASCO Conquer Cancer Foundation Grants Selection Committee
2017	Clinical Oncology (CONC) Study Section, NIH
2017-2018	Chair, Society of Chairs of Academic Radiation Oncology Programs
2017	CONCERN (Comprehensive Oncologic Emergencies Research Network)
2016-present	Awards Committee, American Radium Society
2015-2018	Core Program Comm, "Thymoma, Mesothelioma, Other Thoracic Malignancies" track, 16 th World Conference on Lung Cancer (WCLC 2015)
2014-2015	Education Committee, ASTRO
2014-2015	GI Abstracts reviewer, 2013 Annual ASTRO meeting
2013-2014	Scientific Program Comm, Rad Onc/Radiobiol Subcomm, RSNA Annual Meeting
2013	
2012-2014	Minorities in Cancer Research Council (MICR), AACR
2013-2015	Co-Chair of the AACR-MICR Minority Scholar Awards Committee
2015	ASCO Conquer Cancer Foundation Diversity in Oncology Initiative Subcommittee
2012-2013	
2012	Public Relations Committee, RSNA Research & Education Foundation
2010-2013	AACR Tellers Committee
2010-2020	Radiation Oncology Study Section, RSNA Res & Education Foundation
2009-2010	International Assoc for the Study of Lung Cancer, Membership Committee
2009	International Assoc for the Study of Lung Cancer, Staging Committee
2008-2010	ASCO Communications Committee
2009-2013	Radiation Oncology Institute [www.roinstitute.org] Research Committee
2008-2010	Chair, GI Abstract Review Panel, ASTRO Program Committee
2006-2008	Strategy Team of the California Breast Cancer Research Program's Special Research Initiatives
2006-2015	International Association for the Study of Lung Cancer
2005-2008	AACR Science Education Committee
2005	Member, AACR-Thomas J. Bardos Science Education Awards for Undergraduate Students Subcommittee
2004-2006	American Society of Clinical Oncology YIA & CDA Awards Selection Committee
2004-2005	American Society of Therapeutic Radiology & Oncology, Membership Committee
2004-2005	American Society of Therapeutic Radiology & Oncology, Constitution & Bylaws Committee
2002-2004	American Society of Clinical Oncology Program Comm, GI Subcommittee
2004-2007	American Society of Clinical Oncology Cancer Education Committee, Continuing Medical Education Subcommittee
2002	European Society for Therapeutic Radiology & Oncology
2001-2005	Committee of Graduate Studies in Radiological Sciences
2000-2005	Experimental Therapeutics Program, San Antonio Cancer Institute
2000-present	Southwest Oncology Group GI, Thoracic, & Radiation Oncology Steering Comms.
2001-present	Society of Chairs of Academic Radiation Oncology Programs (SCAROP)
2000-present	Radiological Society of North America, Research Development Committee
1999-present	Radiation Research Society
1999-present	American College of Surgeons Oncology Group Colorectal, Thoracic, & Radiation Oncology Committees and Working Groups
1997-present	Radiation Therapy Oncology Group GI, Quality Control, Publication, Survivor, & Special Populations Communication
1996-present	Radiology Section, National Medical Association
1993-present	American Society of Therapeutic Radiology & Oncology

1997-2001	American Society of Clinical Oncology, Audit-Finance Comm & Membership Comm.
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Past and Current Positions and/or Offices Held in Professional Organizations:

<u>YEAR(S)</u>	<u>ORGANIZATION</u>	<u>POSITION/OFFICE</u>
2002	American Society of Clinical Oncology	Chair, Membership Committee
2003-08	SWOG Radiation Therapy Committee	Vice-Chair
2008-09	GI Abstract Review Panel, ASTRO Meeting	Chair
2009-12	Soc. of Chairs of Acad Rad Onc Programs	At-Large Board Member
2014-16	Soc. of Chairs of Acad Rad Onc Programs	Sec-Treasurer
2009-11	ACOSOG Radiation Oncology Committee	Chair
2012-14	Bylaws Committee, ASTRO	Board Member
	Oregon Radiation Oncology Society	
2014	Radiation Research Society Annual Meeting Organizing Committee	Member
2015-present	Radiation Oncology Institute	Board Member

Granting Agency Review Work, Editorial and Ad Hoc Review Activities:

<u>YEAR(S)</u>	<u>ORGANIZATION/JOURNAL</u>	<u>ACTIVITY</u>
2021	Seminars in Radiation Oncology	Editorial Board
2021-2023	Journal of Clinical Oncology	Editorial Bd invited & declined
2020	Dept. of Radiation Oncology, Northwestern Univ.	External Reviewer
2020	Journal of the NCCN	Manuscript Review
2018	Journal of Surgical Research	Manuscript Review
2018	Radiation Oncology Branch, NCI/NIH	External Reviewer
2017-2020	University of Illinois Cancer Center	Ext. Advisory Board
2017	Dept. of Radiation Medicine & Applied Sciences	External Reviewer
2017	ASCO 2017 Educational Book	Reviewer
2016	Dept. of Radiation Oncology, Univ. of Arizona	External Reviewer
2015	Advances in Radiation Oncology	Editorial Board
2014	JAMA Oncology http://oncology.jamanetwork.com	Deputy Editor
2014-2017	AJCC 8 TH Edition Cancer Staging Handbook	Lower GI Expert Panel
2014	Annals of Surgical Oncology	Manuscript Review
2014	Surgical Oncology (Elsevier)	Editorial Board
2013	ASTRO Clinical Effectiveness Res Grant Review	Member
2012-17	ASTRO Research Evaluation Comm., Sci. Council	Member
2014-15	ASTRO Research Evaluation Comm, Science Coun.	Vice-Chair
2013-15	Radiation Oncology Study Section, RSNA	Chair
2012	Journal of the Egyptian National Cancer Institute	Manuscript Review
2011	Dept. of Radiation Oncology, Univ. of Pennsylvania	External Reviewer
2011	Practical Radiation Oncology	Manuscript Review
2011	Dept. of Radiation Oncology, UCSF	External Reviewer
2010	Journal of Gastrointestinal Cancer	Editorial Board
2011	Journal of Gastrointestinal Cancer	Book Review Editor
2010-14	Gastrointestinal Cancer Research (GCR)	Book Review Editor
2010	Journal of Gastrointestinal Oncology	Editorial Board
2009-10	ASTRO Radiation Physics Committee, Res. Council	Member
2009-10	ASTRO Journal Committee, Education Council	Member
2009, 2012	Clinical Lung Cancer	Manuscript Reviewer
	World Journal of Gastroenterology	
2009	Cancer Treatment Reviews	Manuscript Reviewer
2009	Soc. Chairs Academ Rad Onc Programs	Membership Comm
2009-20	RSNA Research Study Section, Grants Program Committee	Reviewer

2008-09	RSNA Research & Education Foundation Radiation Oncology Subcommittee of the Education Exhibits Committee of the Radiological Society of North America	Member Member
2007	Advanced Technology Consortium Steering Committee, Radiation Sciences Program, NCI/NIH	Member
2007	AACR Radiation Oncology Subcommittee, Clinical Research Section	Member & Abstract Reviewer
2007	ONCOLOGY (Karger)	Manuscript Review
2007	European Journal of Cancer	Manuscript Review
2006	Gastrointestinal Cancer Research (GCR), the official publication of the International Society of Gastrointestinal Oncology (www.isgio.org) http://www.mygcronline.org/edt_stff.html	Editorial Board Member
2006	Journal of Chemotherapy	Manuscript Review
2006	CA: A Cancer Journal for Clinicians http://caonline.amcancersoc.org/misc/edboard.shtml	Associate Editor
2006	GI radiation oncology examiner for the Am Board of Radiology formal oral exam	Test Examiner
2005	American College of Radiology GI Patterns-of-Care Committee http://www.pcs-acr.org/gi_committee.html	Chair, GI Committee
2005	American College of Radiology GI Patterns-of-Care Executive Committee http://www.pcs-acr.org/exec_committee.html	Member
2005-2007 2005-2014	Journal of Clinical Oncology Diseases of the Esophagus http://www.isde.net/journal.htm http://www.blackwellpublishing.com/editors.asp?ref=1120-8694	Editorial Board Assoc. Editor for Advances in Oncology
2005	Journal of Thoracic Oncology	Manuscript Reviewer
2005	RTOG Publications Committee	Member
2005	American Journal of the Medical Sciences	Manuscript Reviewer
2004	The Oncologist	Manuscript Reviewer
2004, 2011	Cancer	Manuscript Reviewer
2004	Medical Student Research Day (UTHSCSA) 20% of the total medical school student research projects presented at this forum were from my Department of Radiation Oncology	Judge
2004	Current Cancer Therapy Reviews www.bentham.org	Editorial Board Member
2004	CA: A Cancer Journal for Clinicians	Manuscript Reviewer
2004	Journal of Clinical Gastroenterology	Manuscript Reviewer
2004	RTOG Quality Control Audit @ Dartmouth Medical School	Site Reviewer
2003	Lancet Oncology	Book Reviewer
2005	Lancet Oncology	Manuscript Reviewer
2003	Southern Medical Journal	Manuscript Reviewer

2002	Radiology	Manuscript Reviewer
2002	RTOG Quality Control Audit @ University of Alabama-Birmingham	Reviewer
2001	Clinical Cancer Research	Ad-Hoc Reviewer
2001	Investigational New Drugs	Manuscript Reviewer
2001	RTOG Quality Control Audit @ University of Miami	Site Reviewer
2001-2014	Rectal-Anal Cancer North American Intergroup Task Force	SWOG Rep
2001-present	American College of Radiology GI Patterns-of-Care Committee	Member
2000-present	GI rad onc test item writer for Am Board of Radiology formal written exam	Item Writer
2000	Gynecologic Oncology	Manuscript Reviewer
2000	Annals of Epidemiology	Manuscript Reviewer
2000-2001	NCI Central Institutional Review Board, Rockville, MD	Alternate Member
2000	RTOG Quality Control Audit @ Mayo Clinic	Site Reviewer
1999-present	Ethnicity & Disease	Manuscript Reviewer
1999	RTOG Quality Control Audit @ Medical College of Virginia	Site Reviewer
1997-2000	Ralph H. Johnson VA Medical Center, Tumor Board	Consultant
1997-2000	Charleston Naval Hospital, Tumor Board	Consultant
1997-2000	GI Tumor Board, Medical University of South Carolina	Consultant
1999	MUSC Health Science Summer Apprenticeship Program	Preceptor
1999, 2001, 2007	American Society of Therapeutic Radiology & Oncology Annual Meeting	GI & Thoracic abstract review
2000	SC Area Health Education Consortium Student Development & Diversity Program	Preceptor
1998-present	Journal of the National Medical Association	Manuscript Reviewer
1999-present	Journal of Clinical Oncology	Reviewer
1997-1998	Journal of Clinical Oncology	Ad-Hoc Reviewer
1998-present	International Journal of Radiation Oncology, Biology & Phys	Manuscript Reviewer
1997	Annals of Internal Medicine	Manuscript Reviewer
1997	Gastroenterology	Manuscript Reviewer
1998-2006	American Journal of Clinical Oncology (Cancer Clinical Trials	Board of Editors
1994-1997	Clinical Trials Protocols for PDQ Voluntary Review Board	Volunteer Reviewers

Community Activities: (e.g., American Cancer Society, American Lung Association, etc.)

<u>YEAR (S)</u>	<u>ORGANIZATION</u>	<u>POSITION/OFFICE</u>
1994	American Cancer Society, Seattle, WA Division	Board of Directors
1998-1999	American Cancer Society, Charleston,	Advisory Board

2003-2004	SC Hope Lodge Independent Study Mentorship Gifted & Enrichment Program, Northside Independent School District, San Antonio, TX	Faculty Preceptor
1999- present	A.L.C.A.S.E. (Alliance for Lung Cancer Support & Education)	Contributor to patient education newsletter (Fall 2004), page 3 http://www.alcase.org/pdf_docs/spirit_breath_2004_fall.pdf

Committees:

International/National Regional

Institutional

<u>YEAR(S)</u>	<u>COMMITTEE</u>	<u>ROLE</u>
1999	Search Committee for the Chair, Department of Obstetrics & Gynecology, Medical University of South Carolina	Member
2001-present	UTHSCSA Comm of Graduate Studies in Radiological Sciences	Member
2003	UTHSCSA CME Faculty Advisory Board	Member
2004	Search Committee for Assistant Regional Dean for Research at the Regional Academic Health Center, UTHSCSA	Member
2005	Search Committee for the Chair, Department of Anesthesiology UTHSCSA	Member
2005	OHSU Search Committee for the Chief, Division of Pediatric Hematology/Oncology	Member
2006-07	OHSU MedNet/Faculty Advisor Program	Faculty Advisor
2006-present	OHSU Radiation Medicine Medical Student Interest Group	Founding Faculty Advisor
2006	OHSU Base Commitment Advisory Committee	Ad-Hoc Member
2006	OHSU Research Strategic Plan Steering Committee	Member
2007	OHSU Search Committee for the Chief, Division of Hematology/Oncology, Department of Medicine	Member
2007	OHSU Search Committee for the Chair, Department of Otolaryngology/Head & Neck Surgery	Member
2007-2010	Promotions & Tenure Committee, School of Medicine	Member
2010-11	SoM Research Roadmap Planning Committee Task Force to Promote, Nurture, & Support a Professionally Rewarding Culture for Researchers @ OHSU	Member
2011	OHSU Search Committee for Chair, Department of Diagnostic Radiology	Co-Chair
2011	Pilot Project Funding, Knight Cancer Institute	Reviewer
2011-2013	Management Committee, Faculty Practice Plan	Member
2011-2013	Internal Advisory Comm, Emergency Care K12	Member
2012	OHSU Institutional Research Training Grant	Member
2012	OHSU Swindell Scholars Program	Member

2012-2014	OHSU MD-PhD Committee	Member
2014-present	Intraoperative Radiotherapy (IORT) Steering Comm.	Chair
2018	OHSU Chief Operating Officer	Member
2018	OHSU Search Comm. for the Chair, Dept. of Pathology	Member
2019-20	Physician-Scientist Program Executive Committee	Member
2019-20	OHSU Search Comm. for the Chief, Division of Surgical Oncology	Chair
2020	Education & Training Comm., Knight Cancer Institute	Member

University/Institution-wide

<u>YEAR(S)</u>	<u>COMMITTEE</u>	<u>ROLE</u>
2005	Senior Leadership Council, OHSU Cancer Institute	Member
2006	Executive Committee, Knight Cancer Institute	Member
2005	Clinical Advisory Council, OHSU Cancer Institute	Co-Chair
2009	Limited Submission Review Committee, Research Administration, OHSU	Member
2020-2023	Scholarship Committee, School of Medicine	Member

Hospital and Clinics

<u>YEAR(S)</u>	<u>COMMITTEE</u>	<u>ROLE</u>
2005	Medical/Professional Board of the Medical Staff	Member

Departmental

<u>YEAR(S)</u>	<u>COMMITTEE</u>	<u>ROLE</u>
2000-05	UTHSCSA Dept of Rad Onc Tenure & Promotion Committee	Chair
2001-02	UTHSCSSA Vascular Brachytherapy Working Group	Member

Clinical Responsibilities (since last promotion):

My patient care focus is on patients with cancers of the thorax & gastrointestinal tract. I actively manage patients @ all of the OHSU radiation oncology clinical sites.

VI. TEACHING (OHSU Educators Portfolio, abbreviated):

Overview of your Role as an Educator:

I participate in the training of a broad spectrum of learners, from high school to medical school faculty.

Scholarship Projects program @ OHSU School of Medicine:

I serve a Scholarly Project concentration Lead for Clinical Research

<https://www.ohsu.edu/school-of-medicine/md-program/scholarly-projects>

Scholarship of Teaching:

Curriculum Development

International Thymic Malignancy Interest Group Radiation Oncology Question/Answer Module

Classroom/Laboratory:

YEAR(S))	COURSE TITLE/CLOCK HOURS/NUMBER OF STUDENTS	S*/L**	HOURS/ CLASS/LAB	ROLE
2000	Rad Ther Tech RTT 4370 & 4370, Texas State University	AH/U	2 hrs classroom	Faculty
2001	M2 Radiology Core	M/U	2 hrs classroom	Faculty
2001	RADI 5025 Medical Physics	GS/G	2 hrs classroom	Faculty
2001	RADI 6030 Radiation Biol.	GS/G	2 hrs classroom	Faculty
2002	RADI 6030 Radiation Biol.	GS/G	2 hrs classroom	Faculty
2002	M2 Radiology Core	M/U	2 hrs classroom	Faculty
2003	M2 Radiology Core	M/U	2 hrs classroom	Faculty
2007- 17	RAD 7092/OHSU Radiation Oncology Med Student Elective			Course director
2009	CELL616 Advanced Topics in Cancer Biology	Grad	1.5 hr classroom	Faculty
2011	CELL616 Advanced Topics in Cancer Biology	Grad	1.5 hr classroom	Faculty
2011	HIP (Human Invest Program) Understanding and Managing Academic Organizations	Grad	2.0 hr classroom	Faculty
2019	RTT Lecture on Rectal Cancer		1.5 hr classroom	

Clinical Teaching: (Ward, Clinic, Operating Room, Community)

YEAR(S))	SETTING	S*/L**	WKS./YR.	HRS./WK.
2001	Outpt Clinic	MS/U & R	40 weeks/yr	25 hrs/week
2002	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2003	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2004	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2005	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2006	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2007	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2008	Outpt Clinic	MS & R	40 weeks/yr	25 hrs/week
2009	Outpt Clinic	MS & R	40 weeks/yr	30 hrs/week
2010	Outpt Clinic	MS & R	40 weeks/yr	30 hrs/week
2011	Outpt Clinic	MS & R	40 weeks/yr	25-30 hrs/week
2012	Outpt Clinic	MS & R	40 weeks/yr	25-30 hrs/week
2013	Outpt Clinic	MS & R	40 weeks/yr	25-30 hrs/week
2014	Outpt Clinic	MS & R	40 weeks/yr	25-30 hrs/week
2015	Outpt Clinic	MS & R	40 weeks/yr	12-24 hrs/week
2016	Outpt Clinic	MS & R	40 weeks/yr	12-24 hrs/week
2017	Outpt Clinic	MS & R	40 weeks/yr	12-24 hrs/week

2018	Outpt Clinic	MS & R	40 weeks/yr	12-24 hrs/week
2019	Outpt Clinic	MS & R	40 weeks/yr	12-24 hrs/week
2020	Outpt Clinic	MS & R	40 weeks/yr	12-24 hrs/week

* SCHOOL:	Allied Health (AH)	**LEVEL:	Undergraduate (U)
	Dental School (DS)		Resident I
	Graduate School (GS)		Postgraduate (P)
	Medical School (MS)		Graduate (G)
	Nursing School (NS)		

Instructional Development:

Formal Study to Improve Mentoring/Teaching Abilities:

Addressing Equity & Inclusion, Nov. 16, 2020, OHSU Mentoring Academy Module 4, Portland, Oregon

Assessing Understanding, Oct. 16, 2020, OHSU Mentoring Academy Module 3, Portland, Oregon

Aligning Expectations, Oct. 15, 2020, OHSU Mentoring Academy Module 2, Portland, Oregon

Introduction + Maintaining Effective Communication, Sept. 29, 2020, OHSU Mentoring Academy Module 1, Portland, Oregon

Teaching When You Have NO TIME!, Faculty Development in Clinical Teaching Series – Workshop 1, October 18, 2011, OHSU SOM/OCTRI Faculty Development Programs Career & Mentoring Series, Portland, Oregon

Participant, “Working Productively with Challenging Students & Residents”, TEXAS (Teaching Excellence and Academic Skills) Professional Development Workshop, University of Texas Health Science Center @ San Antonio, April 21, 2004

Research Concerning Teaching: (e.g., Development of curriculum or teaching materials, methods, evaluation, etc.)

Physics in Biomedicine course (funded by NSF grant)
Portland State University Physics Dept. & OHSU Dept. of Radiation Medicine, Division of Medical Physics

Bibliography Concerning Teaching: (e.g., textbook contributions and articles related to the topic of teaching. These should also be listed in Section III – Bibliography)

CME/COURSE DIRECTOR

Founding Course Director, Pacific Northwest Annual workshop on Methods in Radiation Oncology Clinical Trials, April 23-25, 2015

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/upload/7-22-2015-spring-CME-workshop-flyer.pdf>

Founding Course Director, Annual San Antonio GI Oncology Conference, University of Texas Health Science Center, San Antonio Marriott Rivercenter Hotel, Fall 2005

<http://www.uthscsa.edu/radiationoncology/GI.pdf>

Founding Course Director & Presenter, Annual Post-A.S.T.R.O. Review Course, University of Texas Health Science Center, San Antonio Marriott Rivercenter Hotel "GI/Sarcomas", 10/2001, 11/2002, 11/2003, 11/2004, 11/2005 (<http://www.uthscsa.edu/radiationoncology/postastro2004/>)

(<http://cme.uthscsa.edu/SponsoredActivities.html>)

Founding Director & Presenter, Annual A.S.T.R.O. Post-Review Course, University of Texas Health Science Center, San Antonio Marriott Rivercenter Hotel "Lung/Mediastinum", 10/01, 11/02, 11/03, 11/04 (<http://www.uthscsa.edu/radiationoncology/postastro2004/>)

Chair, 1st San Antonio Mini-Symposium on Cytoprotection, February 2002

Co-Director, Annual School of Nursing/Department of Radiation Oncology Research Colloquium, Omni Hotel, March 2003

CLINICAL PROTOCOL DEVELOPMENT, P.I., National

SWOG-9229 Concurrent Cisplatin, Prolonged Oral Etoposide, and Vincristine Plus Chest and Brain Irradiation for Limited Small Cell Lung Carcinoma: A Phase II Pilot Study (Study Chair), closed, poster presentation at 1995 ASCO meeting, manuscript published Int J Radiat Oncol Biol Phys

<http://www.ncbi.nlm.nih.gov/pubmed/9539558>

Intergroup-0130/**SWOG-9303**/CALGB-9294/NCCTG-Mayo 91-46-52/RTOG 92-03/NCIC C.08 Phase III Study of Radiation Therapy, Levamisole, and 5-Fluorouracil vs 5- Fluorouracil and Levamisole in Selected Patients with Completely Resected Colon Cancer (SWOG Study Co-Chair), manuscript published J Clin Oncol <http://www.ncbi.nlm.nih.gov/pubmed/15249584>

Intergroup-0156/**SWOG-9449**/ECOG-E1C93/CALGB-9590/EORTC-08961 Phase II Study of Ifosfamide, Cisplatin, Etoposide for Thymoma (SWOG Study Co-Chair), presented and manuscript published Cancer. <http://www.ncbi.nlm.nih.gov/pubmed/11391579>

Intergroup/**SWOG R9811**/CALGB-89808/NCCTG-Mayo R9811/RTOG 98-11/ACOSOG Phase III Randomized Study of 5-Fluorouracil, Mitomycin-C, and Radiotherapy versus 5-Fluorouracil, Cisplatin, and Radiotherapy in Carcinoma of the Anal Canal (SWOG Study Chair), manuscript published J Clin Oncol, JAMA, & Int J Radiat Oncol Biol Phys. <http://www.ncbi.nlm.nih.gov/pubmed/24980603>

<http://www.ncbi.nlm.nih.gov/pubmed/23150707>

Intergroup/**SWOG-0220**/CALGB-30501/NCCTG/NCIC-GTG BR.23/ECOG/ACOSOG A Phase II Trial of Induction Chemoradiotherapy with Cisplatin/Etoposide Followed by Surgical Resection, Followed by Docetaxel, for Non-Small Cell Lung Cancer Involving the Superior Sulcus (Pancoast tumors): A Phase II Trial (SWOG Study Co-Chair), manuscript published Ann Thorac Surg

<http://www.ncbi.nlm.nih.gov/pubmed/24980603>

SWOG-0304 A Phase II Feasibility Translational Research Trial of Induction Chemotherapy followed by Concomitant Chemoradiation followed by Surgical Resection in Patients with Clinical T4 Rectal Cancer (Study Co-Chair), closed

SWOG-0356 Oxaliplatin plus Protracted Infusion 5-fluorouracil and Radiation Therapy for Potentially Curable Esophageal Cancer: a Phase II trial with Molecular Correlates (Study Co-Chair), closed, manuscript published J Clin Oncol <http://www.ncbi.nlm.nih.gov/pubmed/22025151>

SWOG-0414 IMC-C225 (Erbix, Cetuximab) plus cisplatin (CDDP), irinotecan (CPT-11), and thoracic radiotherapy (TRT) for locally advanced (non-metastatic), clinically unresectable esophageal cancer: A Phase I/II trial with Molecular Correlates (Study Co-Chair), closed, manuscript published J Thorac Oncol <http://www.ncbi.nlm.nih.gov/pubmed/11391579>

SWOG-0533 Pilot trial of concurrent cisplatin/etoposide/bevacizumab (NSC-704865) and radiotherapy followed by consolidation docetaxel/bevacizumab in patients with inoperable locally advanced Stage III non-small cell lung cancer, manuscript published February 2015

<http://www.ncbi.nlm.nih.gov/pubmed/25703100>

ACOSOG-06041 Phase II Trial of Neoadjuvant Chemoradiation and Local Excision for uT2uN0 Rectal Cancer (Study Co-Chair), manuscript published Ann Surg Oncol

<http://www.ncbi.nlm.nih.gov/pubmed/21755378>

NSABP FR-PA-001 A Phase II Study to Determine the Safety and Efficacy of Panitumumab (ABX-EFG) in Combination with Chemoradiotherapy for Locally Advanced Rectal Cancer (Study Chair), closed May 2007

Timing of Rectal Cancer Response to Chemoradiation (Study Co-Chair; Julio Garcia-Aguilar, overall Study Chair), closed

SWOG-0809 A Phase II Trial of Adjuvant Capecitabine/Gemcitabine Chemotherapy Followed by Concurrent Capecitabine and Radiotherapy in Extrahepatic Cholangiocarcinoma (EHCC) (ACOSOG Study Co-Chair), manuscript published in J Clin Oncol

ACOSOG-Z41101 Atlas implementation to optimize target delineation for conformal radiotherapy in the cooperative group setting: a prospective, randomized *in-silico* pilot ancillary study to ACOSOG Z4051 ("a Phase II study of neoadjuvant therapy with cisplatin, docetaxel, panitumumab plus radiation therapy followed by surgery in patients with locally advanced adenocarcinoma of the distal esophagus") (Study Co-Chair),

CLINICAL PROTOCOL DEVELOPMENT, P.I., Regional

Puget Sound Oncology Consortium (PSOC)-1104/NCI# V92-0162 (PDQ database) Protracted Continuous Infusion of 5-FU and Selective Hepatic Arterial Chemoembolization in the Treatment of Gastrointestinal Tumors Metastatic to the Liver: A Phase II Study (Study Chair), closed as of 1/95, accepted for oral presentation at 1995 American Radium Society meeting, manuscript published Clin Cancer Res <http://www.ncbi.nlm.nih.gov/pubmed/11391579>

CLINICAL PROTOCOL DEVELOPMENT, P.I., Institutional

OHSU IRB# 16893: Study of the Safety & Effectiveness of Nivolumab with Chemotherapy, Radiation Therapy, and Surgery in Patients with Esophageal Squamous Cell Carcinoma, open

OHSU IRB# 16101: Investigation of MRI with Iron Contrast in Staging Lymph Nodes in Rectal Cancer, open

OHSU IRB# 12071: Investigation of MRI with Iron Contrast in Staging Lymph Nodes in Esophageal Cancer, open

OHSU IRB# 17271: Ferumoxytol-enhanced MRI to accurately stage esophageal adenocarcinoma and determine response to chemoradiotherapy.

OHSU IRB# 16373: A Pilot Study Investigating ¹⁸F-FLT-PET as a Marker of Response to Preoperative Radiotherapy in Soft Tissue Sarcoma, pending approval

OHSU IRB# 11668: Was It Worth It (WIWI)? An OHSU Knight Cancer Institute Retrospective Analysis of Patient Satisfaction following Radiotherapy (PI), closed

OHSU IRB# 11212: Audit Study of Cancer Research Mentorship Opportunities (Co-PI), closed

OHSU IRB# 9406: Effects of ApoE Isoform on Cognitive Function in Cancer Patients: Database protocol (Co-PI), closed

OHSU IRB# 9414, NLG0505: Phase 3 Study of FOLFIRINOX +/- HaPa Immunotherapy in Borderline Resectable or Locally Advanced Unresectable Pancreatic Cancer (Co-PI), closed

OHSU IRB# 9243, Program & Applicant Communications in the Radiation Oncology NRMP (PI), closed

OHSU IRB# 9015, Validation of a Novel Superior Vena Cava Syndrome Identification, Classification, & Management Algorithm (PI), closed

OHSU IRB# 9013, A Study to Determine the Immunophenotype of Locally Advanced Rectal

Adenocarcinoma & its Correlation with the Efficacy of Neoadjuvant Chemoradiotherapy (Co-PI), open to accrual Fall 2013

OHSU IRB# 8978, Prevalence of Distress Among Patients Receiving Radiation Therapy (PI), closed

OHSU IRB# 8769, Use of Radiation Therapy for Colon & Rectal Adenocarcinoma: a Retrospective Review of the UOMS/OHSU Experience from 1960 to 2000 (Co-PI), closed

OHSU IRB# 8128, Thymic Tumors @ OHSU: a Retrospective Review of Incidence, Treatment, & Outcomes over a Ten Yr Period (2001-2011) (Co-PI), closed

OHSU IRB# 7845, Curative vs Palliative Therapy for Colorectal Cancer Patients Presenting to the Emergency Department (Co-PI), closed

OHSU IRB# 7791, Radiation Oncology Academic Development and Mentorship Assessment Project (ROADMAP) (PI), manuscript published

OHSU IRB# 7549, PVAMC/OHSU: Techniques & Outcomes after Stereotactic Radiation Therapy (Co-PI), open

OHSU IRB# 6940, Burnout in Chairs of Radiation Oncology (PI), closed, manuscript published

OHSU IRB# 6539, Bereavement Practices of Cancer Care Physicians in Northwest United States (PI), closed, manuscript published

OHSU IRB# 5588, Spirituality in patients receiving radiation therapy (PI), closed, manuscript published

OHSU IRB# 6190, Department of Radiation Medicine Medical Student Survey Project (PI), closed

OHSU IRB# 3725, Comparison of Prediction Models for GI malignancies (Institutional Co-PI), open

OHSU IRB# 4466, Does Routine Cone-Beam CT Prompt Adaptive Planning? (Institutional Co-PI), open for accrual 2008

OHSU IRB# 4236, Timing of Rectal Response to Chemoradiation (National Radiotherapy Co-PI), OHSU Cancer Institute, closed.

UTHSCSA, Phase I/II Translational Pilot Study of Melatonin to Protect Non-Small Cell Lung Cancer Patients Against the Toxicity Induced by Concomitant Chemoradiotherapy (Study Co-Chair), San Antonio Cancer Institute/University of Texas Health Science Center @ San Antonio, closed.

UTHSCSA 001-0015-211, Prospective Randomized Pilot Study of Enbrel vs Placebo in Patients Receiving Radiation therapy to Combat Fatigue and Cachexia (Study Co-Chair), San Antonio Cancer Institute/University of Texas Health Science Center @ San Antonio, closed.

UTHSCSA, Changes in Serum Fibronectin Levels in Patients Undergoing Radiation Therapy (Study Co-PI; Roxona, MD, PhD, PI), University of Texas Health Science Center @ San Antonio, closed.

PRE-CLINICAL PROTOCOL DEVELOPMENT

Evaluation of the Timing of Intracoronary Brachytherapy in a Porcine Coronary Artery In-Stent Re-Stenosis Model, 2002-2003, UTHSCSA.

Analyzing the in-vitro inhibitory effect of EGFR monoclonal antibody on radiation-induced delayed effect and tumor recurrence, 2004-05, UTHSCSA

Determination of the relationship between *in-vitro* inhibition of NF-kB activation and cell growth of endothelial cells by amifostine as a possible anti-angiogenic property of this cytoprotectant agent, 2004-05, UTHSCSA

Determination of the antitumor activity of Gimatecan in combination with ionizing radiation *in-vitro*, 2004-05, UTHSCSA

CLINICAL PROTOCOL PARTICIPATION AS A PATIENT

I was a research subject for the San Antonio Center of Biomarkers of Risk for Prostate Cancer (SABOR), UTHSCSA/San Antonio Prevention Research Office/San Antonio Cancer Institute.

Media and Software Co-Developed:

The TELESYNERGY Suite was procured for the UTHSCSA under the inaugural competitive U56 Grant: Cancer Disparities Research Program NCI grant, in partnership with Dr. Y. Bains from the Sanchez Cancer Center in Laredo, TX. This complex teleconferencing and telemedicine constellation of equipment is worth \$175,000.00.

http://www3.cancer.gov/rrp/cdrp/PSC_Presentations/LMC_files/frame.htm

Education Grants and Contracts:

NSF grant with Portland State University dept of physics

Medical Student & Undergraduate Research Supervision (funded listed only):

Mara Rosenberg, OHSU (2019-2020)

Research topic: Tumor-intrinsic Markers of Cachexia in Patients with Pancreatic Ductal Adenocarcinoma

Grant agency: 2019 RSNA Research Medical Student Departmental Grant #RMS 1932 (\$3,000) from RSNA Research & Education Foundation

Wendy McGinnis, OHSU (2017-2018)

Research topic: [18F]DPA-714 PET Imaging of Minocycline Treatment for Radioimmunotherapy-related Neuroinflammation and Neurocognitive Impairment

Grant agency: 2017 RSNA Research Medical Student Departmental Grant #RMS 5326 (\$3,000) from RSNA Research & Education Foundation

Wendy McGinnis, OHSU (2014-2015)

Research topic: Suppression of the T cell Response and Enhancement of Detrimental Effects of Radiation on the Brain

Grant agency: 2014 RSNA Research Medical Student Departmental Grant #RMS 1416 (\$3,000) from RSNA Research & Education Foundation

Derek Zachman, MSTP, OHSU (2014-2015)

Research topic: Mechanisms of Endothelial-dependent Hematopoietic Stem Cell Repair following Ionizing Radiation Injury

Grant agency: 2014 RSNA Research Medical Student Departmental Grant #RMS1436 (\$3,000) from RSNA Research & Education Foundation

Ted Braun, PhD, MSTP, OHSU (2013-2014)

Research topic: Role of Radiation Therapy in the Development of Cancer Cachexia

Grant agency: 2013 RSNA Research Medical Student Departmental Grant #RMS 1307 (\$3,000) from RSNA Research & Education Foundation

Ruth White, PhD, MSTP, OHSU (2012-2013)

Research topic: MicroRNA Mediated Radiosensitization of Head and Neck Squamous Cell Carcinoma Cancer Stem Cells

Grant agency: 2012 RSNA Research Medical Student Departmental Grant #RMS1230 (\$3,000) from RSNA Research & Education Foundation

Leonel Kahn, BS, OHSU (2012-2013)

Research topic: Construction of a Nomogram for Predicting Mortality and Visual Outcomes of Patients Treated with I-125 Plaque Brachytherapy for Choroidal Melanoma

Grant agency: 2012 RSNA Research Medical Student Departmental Grant #RMS1214 (\$3,000) from RSNA Research & Education Foundation

Joshua Walker, PhD, MSTP, OHSU (2012-2013)

Research topic: Role of DAMPs as Immune Activators in Combination with SBRT and IL-2 Therapy of Metastatic Melanoma

Grant agency: 2012 RSNA Research Medical Student Departmental Grant #RMS1229 (\$3,000) from RSNA Research & Education Foundation

Katelyn Atkins, PhD, MSTP, OHSU (2011-2012)

Research topic: Role of PACS-2 in radiation-induced gastrointestinal syndrome

Grant agency: 2011 RSNA Research Medical Student Departmental Grant #RMS1112 (\$3,000) from

RSNA Research & Education Foundation

<http://www.rsna.org/Foundation/ResearchMedicalStudentGrant.cfm>

Sophia Bornstein, PhD, MS-IV, OHSU (2010-2011)

Research topic: Stem cell therapy for anorectal dysfunction after pelvic irradiation

Grant agency: 2010 RSNA Research Medical Student Departmental Grant #RMS1034 (\$3,000) from RSNA Research & Education Foundation

<http://www.rsna.org/Foundation/ResearchMedicalStudentGrant.cfm>

Kristina Hoot, PhD, MS-IV, OHSU (2009-2010)

Research topic: Efficacy of Targeted Molecular Therapies Combined with Irradiation on Skin Squamous Cell Carcinomas

Grant agency: 2009 RSNA Research Medical Student Departmental Grant #RMS 0926 (\$3,000) from RSNA Research & Education Foundation

<http://www.rsna.org/Foundation/ResearchMedicalStudentGrant.cfm>

Faisal Siddiqui, PhD, MS-IV, OHSU (2006-2009)

Research topic: Prostate Cancer Screening and Staging by Dynamic-Contrast-Enhanced Magnetic Resonance Imaging (DCE-MRI) Pharmacokinetics

Grant agency: 2008 RSNA Research Medical Student Departmental Grant #RMS 0390 (\$3,000) from RSNA Research & Education Foundation

<http://www.rsna.org/Foundation/ResearchMedicalStudentGrant.cfm>

Kristen O'Donnell, MS-IV, OHSU (2007-2009)

Research topic: Assessment of Target Lymph Node Variation & Dosing with Use of Cone-Beam CT Image-Guidance for Intensity Modulated Radiation Therapy of Anal Cancer

Grants agency: 2008 RSNA Research Medical Student Departmental Grant proposal # RMS0808 (\$3,000) from RSNA Research & Education Foundation

<http://www.rsna.org/Foundation/ResearchMedicalStudentGrant.cfm>

News Release summarizing medical student research projects & grants @ OHSU

http://www.ohsu.edu/ohsuedu/academic/som/radmedicine/news/news_april82008.cfm

Over 13% (4 of 31) 2005 Summer Research Funded Stipends from the dean's office were from our Dept. (A total of 6 proposals were submitted from our Dept)

Over 20% (7 of 34) of the total presentations at the 2004 Medical Student Research Day were from our comparatively small Dept (<http://www.uthscsa.edu/radiationoncology/medres.html>) including a first-prize award to CD Fuller (MS-III).

Clifton D. Fuller, MD, PhD-C, UTHSCSA (2002-present)

*mentorship began during Dr. Fuller's MS1 yr of medical school @ UTHSCSA

Research topics: Several (see several papers/abstracts for complete list, including 40 PubMed citations for Dr. Fuller thru May 2009)

Grants to student: 2005 Carolyn L. Kuckein Student Research Fellowship, award (\$4,000) from AOA, on "Clinical and 68isplatin68 analysis of image-guided intensity modulated radiotherapy (IG-IMRT) for biliary tract tumors"

Adrian Wong, MS-II-IV, UTHSCSA (2002-present)

Research topics: Several (see papers/abstracts for complete list)

Grants to student: 2005 RSNA Medical Student Departmental Grant #MSD0505 (\$3,000) from RSNA Research & Education Foundation

http://www.rsna.org/research/foundation/r_msdept.html

Post-doctoral Trainees & Faculty Mentored/Supervised (funded projects listed):

Alexander Bagley, MD, PhD, Department of Radiation Medicine, received an ASCO Conquer Cancer Foundation Young Investigator Award for 2021-22, \$50,000.00; "Activation of Immunogenic Cell Death Pathways in Colorectal Cancer Using Radiation-Enhancing Nanoparticles" (recipient declined the award)

Aaron J. Grossberg, MD, Ph Department of Radiation Medicine, received a NCI Mentored Clinical Scientist Research Career Development Award (K08 CA245188-01A1) for 2019-20, \$30,000.00; "Hepatic Metabolic Reprogramming Drives Pancreatic Cancer Cachexia"

Garth Tormoen, MD, Ph Department of Radiation Medicine, received a RSNA Resident Seed Grant (RR1972) for 2019-20, \$30,000.00; "Characterization of the Effect of Warfarin on the Tumor Immune Microenvironment following Stereotactic Ablative Radiotherapy"

Blair Murphy, MD, Department of Radiation Medicine, received a Umpqua Bank Innovation Award for Pediatric Cancer Research for 2018-19, \$20,000.00; "VidRT: Offering an Alternative to Pediatric Sedation for Children Receiving Radiation"

Shushan Rana, MD, Department of Radiation Medicine, received a RSNA Research Fellow Grant (RF1819) for 2018-19, \$50,000.00; "Endothelial miR-15a Regulation of the Tumor Microenvironment Radiation Response"

Christie Binder, MD, PhD, Dept. of Radiation Medicine is being co-mentored on an original research project: "Pilot Study for the Identification of Candidate Urinary Biomarkers for Hepatocellular Carcinoma." supported by Medical Research Foundation Early Career Investigator Grant, \$20,000.00, 2017-2018

Reid Thompson, MD, PhD, Dept. of Radiation Medicine & Portland VA Health Care System, received a career development award from the Sunlin & Priscilla Chou Foundation, \$240,000.00 over 3 yrs, for his proposal, "Genomic Predictors of Cancer Immunotherapy Responsiveness".

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/5-8-17update.cfm>

Joshua Walker, MD, PhD, Department of Radiation Medicine, received an ASTRO Research Resident Seed Grant Award for 2017-18, 2\$0,000.00; "Role of radiation in reversing tumor-associated T cell anergy" (2nd highest rated proposal of 23 total)

Timur Mitin, MD, PhD, Dept. of Radiation Medicine, received 2017 SWOG Charles A. Coltman, Jr. Jr. Early Career Fellowship. <http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/5-1-17update.cfm>

Joshua Walker, MD, PhD, Department of Radiation Medicine, received an ASCO Conquer Cancer Foundation Young Investigator Award for 2017-18, \$50,000.00; "Restimulation of Tumor-specific T cells using Radiotherapy in a Murine T cell Anergy Model"

Joshua Walker, MD, Ph Department of Radiation Medicine, received a RSNA Resident Seed Grant (RR5218) for 2017-18, \$30,000.00; "Correlates of T cell Activation in Mouse Radiotherapy Models" (Top rated proposal)

Sudarshan Anand, PhD, Depts. of Radiation Medicine & Cell, Developmental, & Cancer Biology, resident physician (Dr. Shushan Rana, PGY4) is being co-mentored on an original research project: "MicroRNA Regulation of Radiation Sensitivity in Colorectal Carcinomas." supported by Medical Research Foundation Seed Grant, \$40,000.00, 2016-2017

Conroy Sun, PhD, Dept. of Pharmaceutical Sciences, Oregon State Univ., primary appt (Department of Radiation Medicine, secondary appt), received a R35 grant from the NIH/NIGMS for 2016-17; "Synergistic Combination of Nanotechnology and Radiation Medicine"

<https://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/9-7-16update2.cfm>

Nima Nabavizadeh, MD, Department of Radiation Medicine, received an RSNA Research Seed Grant for 2016-17, \$40,000.00; "Circulating Tumor DNA in Plasma of Patients Undergoing Trimodality Therapy for Esophageal Cancer: A Potential Tool for Neoadjuvant Treatment Response Assessment"

http://www.rsna.org/uploadedFiles/RSNA/Content/R_and_E_Foundation/Grants_and_Awards/2016-Grant-Recipients.pdf

Timur Mitin, MD, PhD, Department of Radiation Medicine, received an RSNA Research Seed Grant (RSD1625) for 2016-17, \$40,000.00; "Novel Imaging of Lymph Nodes in Patients with Rectal Cancer Using Ferumoxytol-enhanced MRI"

http://www.rsna.org/uploadedFiles/RSNA/Content/R_and_E_Foundation/Grants_and_Awards/2016-Grant-Recipients.pdf

https://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/seed_grant_received.cfm

Nima Nabavizadeh, MD, Department of Radiation Medicine, received an ASCO Conquer Cancer Foundation Young Investigator Award for 2016-17, \$50,000.00; "Use of Circulating Tumor DNA Levels to Gauge Necessity of Surgery for Patients Undergoing Trimodality Therapy for Esophageal Cancer"

http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/2016_asco_via.cfm

Kristina H. Young, MD, PhD, Department of Radiation Medicine, received an ASCO Conquer Cancer Foundation Young Investigator Award for 2015-16, \$50,000.00; "Targeting the Tumor Stroma to Enhance Radiation Efficacy"

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/dr-young-recipient-of-award.cfm>

Nima Nabavizadeh, MD, Department of Radiation Medicine, received a RSNA Resident Seed Grant (RR) for 2014-16, \$30,000.00; "Non-invasive, In-vivo Contrast-enhanced Ultrasound and Molecular Imaging of early Microvascular Changes following High-dose Radiation Therapy"

Kristina H. Young, MD, PhD, Department of Radiation Medicine, received a RSNA Resident Seed Grant (RR1359) for 2015-16, \$40,000.00; "Targeted Cancer Associated Fibroblasts to enhance Radiation Efficacy"

Joshua Walker, MD, PhD (CoPI), Department of Radiation Medicine resident physician is being co-mentored on an original research project: "Activation and Trafficking of Tumor-Specific CD8 T-cells following Radiation Therapy" supported by the Knight Cancer Institute CCSG, \$50,000.00, Oct. 1, 2014 – Sept. 30, 2015

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/radiation-medicine/news/dr-walker-co-pi-on-grant.cfm>

Christopher Slatore, MD, MPH, Departments of Radiation Medicine & Internal Medicine, Division of Pulmonary and Critical Care Medicine, received a Radiation Oncology Institute (R012013-915), \$200,000.00; "Radiation Therapy & Patient-Centered outcomes among Lung Cancer Patients"

[http://roinstitute.org/What-We-Do/Publications/Press-Releases/ROI-awards-\\$200,000-to-assess-the-value-of-radiation-therapy-and-patient-outcomes-among-lung-cancer-patients.aspx](http://roinstitute.org/What-We-Do/Publications/Press-Releases/ROI-awards-$200,000-to-assess-the-value-of-radiation-therapy-and-patient-outcomes-among-lung-cancer-patients.aspx)

Sophia Bornstein, MD, PhD, Department of Radiation Medicine resident physician is being co-mentored on an original research project: "Role of Metastasis Initiating Cells in Esophageal Cancer Progression" supported by the Newton Family Esophageal Cancer Foundation, \$20,000.00, 2014

Kristina H. Young, MD, PhD, Department of Radiation Medicine, received a RSNA Resident Research Grant (RR1359) for 2013-14, \$35,000.00; "Targeted Alteration of the Tumor Immune Environment to Increase Chemoradiosensitivity in Rectal Cancer"

Sophia Bornstein, MD, PhD, Department of Radiation Medicine resident physician is being co-mentored on an original research project: "Functional Significance of Tumor-initiating Cells in Recurrent Head and Neck Squamous Cell Carcinoma." supported by Medical Research Foundation Seed Grant, \$20,000.00, 2012-2013

Sophia Bornstein, MD, PhD, Department of Radiation Medicine resident physician is being co-mentored on an original research project: "Functional Significance of Tumor-initiating Cells in Recurrent Head and

Neck Squamous Cell Carcinoma.” supported by Cathy and Jim Rudd Career Development Award for Cancer Research, Knight Cancer Institute, \$10,000.00, 2012-2013

Clifton David Fuller, MD, PhD, Department of Radiation Medicine, received an ASCO Cancer Foundation Young Investigator Award for 2011-12, \$50,000.00; “Development and Randomized Prospective Validation of a Consensus Atlas for Radiotherapy Target Definition in Cholangiocarcinoma and Gallbladder Cancers”

Faisal Siddiqui, MD, PhD, Department of Radiation Medicine resident physician is being mentored on an original research project: “Dynamic Contrast Enhanced MRI (DCE-MRI) for Radiotherapy Target Definition in Rectal Tumors.” supported by Medical Research Foundation Seed Grant, \$20,000.00, 2011-2012

Patrick Gagnon, MD, MS, Department of Radiation Medicine, received an ASCO Cancer Foundation Young Investigator Award for 2009-10, \$50,000.00; “Positioning and Motion Tracking for Patients Undergoing Intensity Modulated Radiation Therapy for Head and Neck Cancer Using the Calypso 4D Image Guided Radiation Therapy System”

Samuel J. Wang, MD, PhD, Department of Radiation Medicine, received an ASCO Cancer Foundation Young Investigator Award for 2008-09, \$50,000.00; “A Comparison of Prediction Models for Individualized Assessment of the Benefit of Adjuvant Chemoradiotherapy in Gastrointestinal Malignancies”

Samuel J. Wang, MD, PhD, Department of Radiation Medicine, received a RSNA Resident Research Grant (RR0723) for 2007-08, \$35,000.00; “Cost-Effectiveness Analysis of Radiotherapy for Gastrointestinal Malignancies”

Marka Crittenden, MD, PhD, Department of Radiation Medicine, received a RSNA Resident Research Grant for 2007-08, \$35,000.00; “Combining Total body Irradiation with Immunotherapy to Generate Therapeutic Anti-tumor Immune Responses”

Tasha McDonald, MD, Department of Radiation Medicine, received a RSNA Resident Research Grant (RR0730) for 2007-08, \$35,000.00; “Determining the Relationship Between IL-1 beta, TNF-alpha, & IL-6 Response to External Beam Radiation Therapy & Treatment Related Fatigue in Patients with Prostate Cancer”

C. David Fuller, MD [<http://myprofile.cos.com/cdf95c>], Department of Radiation Oncology @ UTHSCSA, received a RSNA Resident/Fellow Research Grant for 2007-08, \$35,000.00; priority score of 146 which was the 3rd best score of 71 applications received.

Tasha McDonald, MD, Department of Radiation Medicine resident physician was mentored on: “Determining the relationship between IL-1 beta, TNF-alpha, and IL-6 response to external beam radiation therapy and treatment-related fatigue in patients with prostate cancer.” supported by Medical Research Foundation Seed Grant, \$15,000.00, 2007-2008

Sam Wang, M.D., Ph.D., Department of Radiation Oncology resident physician is being mentored on: “Conditional survival for patients with colon cancer: an analysis of National Surgical Adjuvant Breast and Bowel Project (NSAB) trials C-03 through C-06” (selected for presentation in the Scientific Program in the Health Services Research General Oral Session)

Dept. resident and student presentations at national & international meetings are kept current at this website: <http://www.uthscsa.edu/radiationoncology/>, including 4 presentations by housestaff, fellows, and/or medical students at the 1st Annual ASTRO Translational Research meeting in San Francisco, August 2005

Sam Wang, M.D., Ph.D., Department of Radiation Oncology resident physician is being mentored on: “Cost-effectiveness analyses of current treatment recommendations for gastrointestinal malignancies” (grant submission to the Physicians’ Foundation for Health Systems Excellence: General Initiative Grants)

Sam Wang, M.D., Ph.D., Department of Radiation Oncology resident physician is being mentored on:

Determination of conditional survival estimates of thoracic and GI tumors from SEER and National Cancer Data Base population datasets; including NSABP oral presentation & ASCO Merit Award for Dr. Wang's abstract submission to the 2006 ASCO meeting.

Service and Membership of Educational Committees:

Direction of Masters' Theses and Ph.D. Dissertations, Membership on Supervising Committees, and Supervision of Pre-doctoral Students and Postdoctoral Fellows

Membership on Supervising/Thesis Committees:

Ph.D. candidate, Moataz Reda, Department of Biomedical Engineering graduate program in nanomedicine & nanobiotechnology, thesis defense 2018

M.S. candidate, Christopher Betzing, Department of Medical Informatics & Clinical Epidemiology graduate program in bioinformatics, "Identification of novel pathways with altered expression after exposure to ionizing radiation", graduated Fall 2013

Ph.D. candidate, Clifton David Fuller, MD, UTHSCSA Graduate School of Biomedical Sciences/Radiological Sciences Program: "A map is not the territory: Evaluation of hardware modification, educational intervention, and software feedback for radiotherapy target volume delineation", graduated June 2011

Ph.D. candidate, Amy Fuller, St. Mary's University @ San Antonio, School of Graduate Studies/Counselor Education & Supervision Program: "Spirituality and Quality-of-Life Interface in Cancer Patients", graduated Spring 2006

Ph.D. candidate, James A. Tanyi, UTHSCSA Graduate School of Biomedical Sciences/Radiological Sciences Program: "Organ Motion and Computed Tomography: Impact on Tumor Localization for Dose Escalation Routines", graduated 2005

Ph.D. candidate, Beatriz C. Nieto, UTHSCSA School of Nursing/Graduate Nursing Program: "Phenomenon of Facing One's Own Mortality in Mexican-American Oncology Patients with Terminal Cancer", graduated May, 2005

Ph.D. candidate, Carlos Esquivel, UTHSCSA Graduate School of Biomedical Sciences/Radiological Sciences Program: "Feasibility Study of a Low-kVp Intensity Modulated X-ray System for Treating Choroidal Melanoma", graduated May, 2004

Ph.D. candidate, Chih-Yao (Roger) Cheng, UTHSCSA Graduate School of Biomedical Sciences/Radiological Sciences Program: "Dosimetric Evaluation of a Modified Array of 5-mm Circular Pencil Beams for Serial Tomotherapy", graduated 2005

Honors and Awards:

Mentorship Award, SWOG Special Recognition Award	2020
7 th Annual Student Volunteer Recognition & Awards Ceremony (nominee)	2012
Dean's Award, OHSU School of Medicine Alumni Association (1 annual)	2011
http://www.ohsu.edu/xd/education/schools/school-of-medicine/about/school-of-medicine-news/alumni-association-honors-3291.cfm	
American Association for Cancer Research Special Minority Scholar Award	2005
http://www.uthscsa.edu/hscnews/singleformat.asp?newID=1442	
http://www.aacr.org/Default.aspx?p=1275&d=286	
European Society of Therapeutic Radiology & Oncology Travel Award	2001
Faculty Humanism in Medical Education Award (Nominated), MUSC	2000

ASCO/AACR Methods in Clinical Research Scholarship Recipient	1998
American Radium Society Visiting Oncologist Award	1996
American Society of Clinical Oncology Merit Travel Award Recipient	1995
American Radium Society Young Oncologist Travel Award	1994
Bristol-Myers Travel Award to American Association for Cancer Research annual meeting	1994
American Assoc. for Cancer Res/NCI Travel Award	1988-1989, 1991
American Cancer Society Clinical Oncology Fellowship (Award Nos. 88-50 and 90-57)	1988-1989 1990-1991
State of Illinois General Assembly Scholarship	1982-1985

Collaborative Skills:

Professional Development in Education:

Participant, "A Conversation on Mentoring Women in Academic Medicine", OHSU SOM
Faculty Development Career Series, May 8, 2012

Participant, "Change Acceleration Process (CAP) Workshop", OHSU, February 8-9, 2012

Participant, "Learning Best Practices to Manage Discrimination, Retaliation and Reasonable
Accommodation", OHSU AAEO, OHSU, February 1, 2011

Negotiating in the Healthcare and Bioscience Industries, February 19, 2010, OHSU Center for
Professional Services, Portland, Oregon

OHSU Physician Leadership Academy: Mediating Medical Staff Conflict, November 30, 2007, Portland,
Oregon

Executive Forum Management Series: Turning Conflict into Opportunity, April 11, 2007, Portland,
Oregon

Program for Chiefs of Clinical Services, Harvard School of Public Health, January, 2007
<http://www.hsph.harvard.edu/ccpe/programs/PCCS.shtml>

AAMC Executive Development Seminar for Associate Deans / Department Chairs, October, 2006