

**CURRICULUM VITAE**

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**NAME:** William Small, Jr. M.D., F.A.C.R.O., F.A.C.R.,  
F.A.S.T.R.O.

**ADDRESS**

**(Office):** Loyola University Medical Center  
Department of Radiation Oncology  
2160 S. First Avenue, 105-2932  
Maywood, Illinois 60153  
Phone: (708) 216-2559  
e-mail: [wmsmall@lumc.edu](mailto:wmsmall@lumc.edu)

**DATE OF BIRTH:** August 23, 1964

**PLACE OF BIRTH:** Chicago, Illinois

**MARITAL STATUS:** Married, two children.

**EDUCATION:** University of Illinois  
Champaign-Urbana, Illinois  
Degree: B.S. Honors Biology, 1986  
Graduation Honors: Bronze Tablet,  
Distinction in Honors Biology,  
Magna Cum Laude

Northwestern University Medical School  
Chicago, Illinois  
Degree: M.D., 1990  
Graduation Honors: Distinction

**INTERNSHIP:** Northwestern Memorial Hospital  
Chicago, Illinois  
Internal Medicine  
6/1990 - 6/1991

**RESIDENCY:** Northwestern Memorial Hospital  
Chicago, Illinois  
Radiation Oncology  
7/1991 - 6/1994

**CERTIFICATION AND LICENSURE:**

Illinois Physician and Surgeon  
Illinois Physician and Surgeon Controlled Substance  
Federal DEA License  
Diplomat of National Board of Medical Examiners  
Diplomat American Board of Radiology, Radiation  
Oncology – 1995 Participating in Continuing Maintenance of  
Certification

**ACADEMIC APPOINTMENTS:**

1994 - 2001	Assistant Professor of Clinical Radiology (Radiation Oncology). Northwestern University Medical School, Chicago, Illinois.
2001 - 2006	Associate Professor of Clinical Radiology (Radiation Oncology). Northwestern University Medical School, Chicago, Illinois.
2006 - 2007	Associate Professor of Radiation Oncology, Northwestern University Medical School
2006 - 2013	Vice-Chairman, Department of Radiation Oncology
2007 - 2013	Professor of Radiation Oncology, Northwestern University Medical School
2013 - Present	Professor and Chairman of Radiation Oncology with Tenure, Stritch School of Medicine Loyola University, Chicago.
2018 – Present	Director, Cardinal Bernardin Cancer Center, Stritch School of Medicine, Loyola University Chicago

**HOSPITAL APPOINTMENTS:**

1994 - 2013	Attending Physician, Northwestern Memorial Hospital. Chicago, Illinois.
1994 - 2002	Attending Physician, Veteran's Administration Lakeside Medical Center. Chicago, Illinois.
2011-2013	Medical Director, Northwestern Memorial Hospital Department of Radiation Oncology
2012-2013	Medical Staff Secretary/Treasurer, Northwestern Memorial Hospital (pathway to become eventual Chief of Staff).

2013 - Present	Attending Physician, Loyola University Medical Center, Chicago, Illinois.
2014-Present	Attending Physician, Gottlieb Memorial Hospital, Melrose Park, Illinois
2014-Present	Attending Physician, Hines VA Medical Center, Hines, Illinois
2014 – Present	Attending Physician, Central DuPage Hospital/Cadence Health Proton Center, Warrenville, Illinois.
2017-2020	Attending Physician, Presence Resurrection Medical Center, Chicago, Illinois.

**CLINICAL EXPERIENCE OUTSIDE TRAINING:**

1986-1990	Mental Health Worker
1987-1988	Medical Student Coordinator - Northwestern Memorial Hospital, Institute of Psychiatry
1989-1990	Northwestern Memorial Hospital Institute of Psychiatry Medical Extern
1990	Rehabilitation Institute of Chicago Medical Sub internship
1992-1994	Columbus Hospital Special Medical Coverage

**MEMBERSHIP IN MEDICAL SOCIETIES:**

American Association of Cancer Researchers  
 American Brachytherapy Society  
 American College of Radiation Oncology  
 American College of Radiology  
 American College of Surgeons Oncology Group  
 American Medical Association  
 American Radium Society  
 American Society of Clinical Oncology  
 American Society of Therapeutic Radiology And Oncology  
 Chicago Medical Society  
 Chicago Radiological Association

Eastern Cooperative Oncology Group  
 Gynecologic Cancer Intergroup  
 Gynecologic Oncology Group  
 Illinois Radiological Society  
 Illinois State Medical Society  
 International Gynecologic Cancer Society  
 National Comprehensive Cancer Network  
 Radiation Therapy Oncology Group

**HONORS AND AWARDS:**

	National Honor Society
1982-83, 1983-84, 1984-85	Bailey Scholarship
1982-86	PTA Scholarship
	Phi Beta Kappa
1983-84, 1984-85	Edmund J. James Scholar
1987-88	Washington Square Health Foundation Scholarship
1989	Alpha Omega Alpha (AOA) Medical Student Honor Society
1993-94	Chief Resident
1993	Dr. Charles Lescrenier Education & Development Fund Travel Grant ASTRO
1993	Compassionate Care Award – Physician Robert H. Lurie Cancer Center of Northwestern University, Chicago, Illinois
1996	Distinguished Alumni Award, Schaumburg High School
2004	Fellowship American College of Radiation Oncology (ACRO)
1994	3 <sup>RD</sup> Place, Poster Competition, Lilly Investigator Meeting
2005-2014	America's Best Cancer Doctors
2007	Guide to Top Radiologists
2007-2012	Outstanding Physicians – Chicago Consumers' Checkbook
2005-2015	America's Top Doctors for Cancer
2003-2017	Best Doctors in America
2009-2017	Who's Who in America
2003-2017	America's Top Doctors
2010	Fellowship American College of Radiology (FACR)
2010	RTOG Outstanding Publication Award
2010-11	IDEA ASCO Mentor Award
2011	Fellowship American Society for Radiation Oncology – ASTRO (FASTRO)

2012-13, 2014-15	ARRO Educator of the Year Award
2015	American Board of Radiology Lifetime Service Award
2016	Loyola University Chicago Stritch School of Medicine, Senior Scientist of the Year
2017-2021	Chicago Magazine Top Doctors
2020	Chicago Magazine Top Disease Doctors

### **EDITORIAL BOARDS:**

2004- Present	Contemporary Oncology
2004- Present	Cancer News
2004- Present	The American Journal of Hematology/Oncology
2009- Present	The World Journal of Gastrointestinal Oncology
2010- Present	The Bulletin of Alexandria Faculty of Medicine
2012- 2013	Review Editor of Frontiers in Radiation Oncology
2012	Guest Editor: Breast Diseases, A Year Book Quarterly
2013- Present	Associate Editor of Frontiers in Radiation Oncology
	Medical Advisor for RadiologyInfo.org
2015- Present	Journal of Radiation Oncology
2015- 2018	Associate Editor, ASTRO Advances in Radiation Oncology
2016- Present	Brachytherapy
2016- 2021	Associate Editor, ASCO University
2016- 2020	Cancer.net
2018- Present	ASTRO Advances in Radiation Oncology; Senior Editor for Pediatric Tumors, Social/Financial Issues and Misc
	International Journal of Gynecological Cancer
2018- Present	Annals of Breast Surgery
2019- 2023	ASTRO Advances in Radiation Oncology; Senior Editor for GYN
2019-Present	

### **ADVISORY BOARDS:**

2005	Salix Pharmaceuticals
2008	Pfizer Pharmaceuticals
2008- 2009	Rexahn Oncology Scientific Advisory Board
2008- 2009	Dor Biopharm Enteritis Advisory Boards
2011-2013	Lynn Sage Cancer Research Foundation Medical Advisory Committee
2015	Oncology Live
2016- 2020	ASCO Cancer.net Advisory Panelist, Gynecologic Cancers Panel
2016-2019	Varian Advisory Board: Cardiac Radiation for Treatment of Arrhythmias
2019	Merck Advisory Board

## **VISITING PROFESSORSHIPS:**

August 30, 2005	University of Iowa
September 12-13, 2005	University of Florida
June 14-15, 2007	Case Western Reserve/Cleveland Clinic
June 20, 2007	Cornell University
December 5, 2008	Fox Chase Cancer Center
May 26, 2011	University of Maryland
March 2, 2012	The Henry Ford Hospital
June 25, 2014	University of Pennsylvania
April 9, 2015	Fox Chase Cancer Center
February 9, 2016	Case Western Reserve/University Hospital
March 25, 2016	Moffitt Cancer Center
May 26, 2016	Weil Cornell Medical Center
January 12, 2017	Georgetown University Medical Center
March 1, 2018	University of California, San Diego
January 4, 2019	New York University
March 1, 2019	University of Texas Southwestern
September 26-27, 2019	University of Colorado

## **REVIEWER:**

American Brachytherapy Society – Abstract Reviewer 2011  
American Radium Society – Abstract Reviewer, 2012, 2019, 2020  
American Society for Therapeutic Radiology and Oncology (ASTRO) – Abstract Reviewer  
46<sup>th</sup>-48<sup>th</sup>, 52<sup>nd</sup>-54<sup>th</sup>, 56<sup>th</sup>-58<sup>th</sup> Annual Meetings  
Annals of Surgical Oncology  
Biotechnology and Molecular Biology Reviews  
BMC Cancer  
Brachytherapy  
Cancer Chemotherapy and Pharmacology  
Chemotherapy  
Clinical Breast Cancer  
Clinical Cancer Research  
Consultant  
Dutch Cancer Society Grant – 2015  
Evidence-Based Complementary and Alternative Medicine  
Expert Review of Anticancer Therapy  
Gynecologic and Obstetric Investigation  
Gynecologic Oncology  
International Journal of Gynecological Cancers  
International Journal of Obstetrics and Gynecology  
International Journal of Radiation Biology  
International Journal of Radiation Oncology, Biology and Physics  
JAMA  
Journal of Oncology Practice  
Journal of Palliative Medicine

Medicine  
 OncoTargets and Therapy  
 Practical Radiation Oncology  
 Radiation Oncology  
 Radiation Research  
 Radiotherapy and Oncology  
 San Antonio Breast Cancer Symposium – Abstract Reviewer-2016  
 TARGIT Collaborative Group, Abstract Reviewer, 2017-present  
 Technology in Cancer Research and Treatment  
 The American Journal of Clinical Oncology  
 The American Journal of Obstetrics and Gynecology  
 The British Journal of Cancer  
 The Canadian Institutes of Health Research (CIHR)  
 The Cancer Journal  
 The Journal of Clinical Oncology  
 The Journal of Gynecological Oncology  
 The Journal of the National Comprehensive Cancer Network  
 The Lancet  
 The Technology Foundation STW  
 World Journal of Surgical Oncology  
 Yonsei Medical Journal

**HOSPITAL, UNIVERSITY AND NMFF COMMITTEES (Northwestern):**

1995-2002	Division of Radiation Oncology; Chair Quality Improvement Committee
1995-98	Institutional Review Board, Northwestern University
1997-2013	Scientific Review Committee, Northwestern University, Robert. H. Lurie Cancer Center.
1998-2013	Data Monitoring Committee, Northwestern University, Robert H. Lurie Cancer Center.
1998-2013	
1999-2000	Northwestern Memorial Hospital Research Committee.
2000-2008	Northwestern Memorial Hospital Radiation Safety Committee
2000-2013	Northwestern Memorial Hospital Cancer Committee.
2002-2013	Chairman, Northwestern Memorial Hospital Cancer Committee
2002-2005	Honors Program in Medical Education Committee, Northwestern University
2003-2013	Medical Staff Quality Management Committee, Northwestern Memorial Hospital.
2003-04	Nominating Committee, Northwestern Memorial Hospital.
2004-05	Search Committee, Lynn Sage Breast Center Director
2005-08	Radiation Drug Research Committee - Northwestern University Medical School
2006-13	NMFF Ambulatory Operations Committee
2007	Ad Hoc Promotion Committee
2008-13	Cancer Center Executive Committee
2008-10	Northwestern Memorial Hospital Executive Committee: Member-at-large

2011-13	Chairman: Data Monitoring Committee, Northwestern University, Robert H. Lurie Cancer Center
2012-13	Medical Student Summer Research Program grant applications
2012-13	Northwestern Memorial Hospital: Medical Staff Secretary/Treasurer
2013	Faculty Advisor: The Medical Student Radiation Oncology Society of Northwestern University.

### **HOSPITAL AND UNIVERSITY COMMITTEES (Loyola):**

2013-present	Council Leadership Committee (CLC)
2013-14	EFG Committee
2013-15	CLC Patient Experience Subcommittee
2014-15	CLC Subcommittee on Physician Reimbursement
2015-present	Search Committee, Vice-Dean for Research
2015-present	Stritch School of Medicine Committee on Admissions
2016-17	Search Committee, Medical Director of the Clinical Research Office
2016-17	Search Committee, Dean, School of Medicine
2016-17	Search Committee, Chair of Medicine
2016-present	Executive Sponsor, Co-Chair US News and World Report Improvement Initiative; Chair Oncology Subcommittee
2017-19	Loyola University Health System Board of Directors
2017-18	Search Committee Chair, Chair of Surgery
2017-present	Medical Specialty Advisor, Stritch School of Medicine
2019-20	Search Committee, Dean, School of Medicine

### **REGIONAL/NATIONAL GROUP COMMITTEES**

1996-2009	Radiation Oncology Program Director/Chair Radiation Oncology Committee: Chicago Radiological Society.
1997-2014	Gynecologic Steering Committee – Radiation Therapy Oncology Group (RTOG)
1997-2013	RTOG Principal Investigator, Northwestern University
1997-2000	ACRO Young Physicians Group
1997-2013	National Comprehensive Cancer Network (NCCN), Endometrial/ Cervical Panel Member.
1999	CSC Subcommittee for the Revision of the ACR Standard for Communication: Radiation Oncology
2001-2014	Radiation Therapy Oncology Group (RTOG), Gynecologic Committee
2002	Common Toxicity Criteria (CTS) Lung Committee Member
2002-13	Eastern Cooperative Oncology Group (ECOG), Site Auditor
2004-2014	RTOG New Investigator Committee, Permanent Member
2005-13	American College of Radiology (ACR), Alternate Councilor
2005-present	Illinois Radiological Society, Membership Committee
2005-present	Illinois Radiological Society, Program Committee



2005-present	Illinois Radiological Society, Radiation Oncology Committee
2005-2017	Angoff Committee Member and Item Writer, American Board of Radiology (ABR)
2005-present	Gynecological Cancer InterGroup (GCIG)
2006	Chair – International Working Group: Consensus guidelines for the delineation of the intensity modulated pelvic radiotherapy ctv in the postoperative treatment of endometrial and cervical cancer.
2006-14	Gynecologic Cancer Steering Committee, National Cancer Institute (NCI)
2005-2017	Uterine Corpus and Ovarian Cancer Task Forces, National Cancer Institute (NCI)
2006-09	Chicago Radiological Society, Trustee
2006	Adolescent and Young Adult Oncology, Progress Review Rountable Participant: Long Term Effect Committee and Quality of Life Committee.
2005-10	ASCO Cancer Education Committee
2008-2019	Illinois State Medical Society, Council on Medical Service
2005-12	Protherics DSMB – Ongogel Esophageal Cancer Study
2008-present	ARS-ACR - Appropriateness Criteria Committee– RO Gastrointestinal
2008-13	NCCN CRC DSEC
2009-present	Uterine Corpus Committee, GOG/NRG
2009-present	ARS-ACR Appropriateness Criteria Committee– RO Gynecology
2009-13	Radiation Oncology Committee, GOG
2009-13	National Comprehensive Cancer Network (NCCN), Colo-Recal Panel
2010-13	ASTRO CME/MOC Committee
2010-present	ASTRO Education Committee
2010- present	ACR Commission on Radiation Oncology
2011-13	ASTRO Endometrial Cancer Guideline Panel
2012-14	State of Illinois Subcommittee of the Advisory Council on Traffic Safety; ISMS representative
2012	ACRO Fellowship Selection Committee
2012-15	ACR Appropriateness Criteria Methodology Subcommittee
2000-14	ABR Gynecologic Committee and Oral Board Examiner
2013-present	NRG Oncology, Uterine Corpus Subcommittee
2013-present	NRG Principal Investigator, Loyola University
2013-present	ASTRO Annual Meeting Track-GI
2014-present	ASTRO Radiation Oncology Institute (ROI) Research Committee
2014-present	CARROS Councilor, American College of Radiology
2014	ACR Committee to Update LDR Brachytherapy Practice Parameters
2014-2019	ACR Council Steering Committee
2015-present	ASCO Cancer Education Committee on the Gastrointestinal (Non-colorectal) Cancer Track
2016-20	ASCO Gynecologic Cancer Guideline Advisory Group
2016	Zeiss First US INTRABEAM User Meeting: Scientific Committee
2016-2020	ACR Fellowship Credentials Committee
2016-present	TARGIT Collaborative Group: Board of Directors
2016-present	ASCO Annual Meeting Education Committee
2016-present	ABS International Committee

2017-present	ASTRO Webinar Task Force
2017-2020	ACR Governance Committee
2015-present	ASTRO Spring Refresher Course, Planning Committee Program Chair
2018-present	ASCO Education Scholars Program
2018-present	ASTRO Brachytherapy Work Group
2018-present	ASTRO eContouring Task Force
2018-present	TARGIT Collaborative Group Scientific Committee
2018-2019	ACR Board Chair Compensation Committee
2018-present	ARS 2019 Scientific Program Committee
2018-present	ARS-ACR AUC Steering Committee
2018-present	GOG Gyn Trials Committee
2018-2019	ACR Appropriateness Criteria Women's Imaging Panel
2019-present	ACR Mentorship Program
2019-present	IGCS Radiation Oncology Work Group
2019-present	ACR Awards Criteria Committee
2019-2023	ACR Commission on Research
2019-present	Illinois State Medical Society Council on Economics
2020-present	EPIC Radiation Oncology Steering Board
2020-present	ACR AI Advisory Group

## **INTERNATIONAL SERVICE**

2015-present	International Cancer Expert Corps- ICEC Expert
2016	Ovarian Cancer Patient Summit (Astra Zeneca); Global Ovarian Cancer Patient Partnership Program, Participant
2017-2021	International Commission on Radiological Protection, Committee 3
2017-present	Co-Chair, ICRP Task Group 89 on Occupational Radiological Protection in Radiotherapy
2019-present	WHO Cervical Cancer Elimination Initiative, Working Group 7
2019-present	Vice-Chair, Task Group 116 Radiological Protection Aspects of Imaging in Radiotherapy
2020-present	International Gynecologic Cancer Society Project ECHO (Extension for Community Health Outcomes)

## **INTERNATIONAL/NATIONAL COMMITTEE CHAIRS**

1997-99	Vida Healthcare, Chairman Radiation Oncology Guideline Committee
2004-13	RTOG Gynecologic Committee, Co-Chair
2005	ASTRO 48 <sup>th</sup> Annual Meeting, Gynecologic Chair
2005	CARROS Nominating Committee, Chair
2005-06	International Working Group: Consensus guidelines for the delineation of the intensity modulated pelvic radiotherapy ctv in the postoperative treatment of endometrial and cervical cancer, Chair
2009	ASCO Quality of Care Online Breast and Colorectal Cancer Modules, Chair

2008-2012	Gynecologic Cancer InterGroup (GCIG) Cervix Committee, Chair
2010-12	CARROS, President
2010-13	ASTRO SAM Task Force, Chair
2013-2017	ACR Committee on Education, Radiation Oncology, Chair
2014-15	ARS-ACR Appropriateness Criteria Committee, RO Gynecology, Co-Chair
2014-16	Gynecologic Cancer InterGroup (GCIG), Chair
2014-July 2020	NRG Oncology Gynecologic Committee, Co-Chair
2015	Comments Reconciliation Committee, ACR/ABS Practice Parameter for the Performance of Radionuclide-Based High-Dose Rate Brachytherapy, Chair
2015	Comments Reconciliation Committee, ACR/ABS Practice Parameter for the Performance of Low Dose Rate Brachytherapy, Chair
2015-present	ARS-ACR Appropriateness Criteria Committee– RO Gynecology, Chair
2015	ACR Annual Meeting Program Committee, Research Co-Chair, Radiation Oncology Chair
2016	ACR Annual Meeting Program Committee, Radiation Oncology Chair
2015-20	ASTRO Education Committee, Vice-Chair
2013-present	GCIG Executive Committee
2016-2019	ACR Commission on Radiation Oncology, Radiation Oncology Pathway, Chair
2016-present	ASCO Annual Meeting Highlights, Chair
2017-	ACR CSC Subcommittee to revise the Practice Parameter for the Performance of the Ultrasound Examination for Detection and Assessment of Developmental Dysplasia of the Hip, Co-Chair
2018-19	Comments Reconciliation Committee ACR–ACNM–ASTRO–SNMMI Practice Parameter for the Performance of Therapy with Radium-223. Co-Chair
2018-19	Comments Reconciliation Committee ACR–ASTRO Practice Parameter for Image Guidance Radiation Therapy (IGRT) Co-Chair
2018-19	Comments Reconciliation Committee ACR–ASTRO Practice Parameter for the Performance of Stereotactic Body Radiation Therapy, Chair
2018-19	Comments Reconciliation Committee ACR–ASTRO Practice Parameter for Communication: Radiation Oncology, Chair
2018-present	Gynecologic Cancer InterGroup (GCIG) – non-member Director, USA
2019-present	TARGET Collaborative Group 2020 Annual Conference Co-Chair
2019-present	ACR Board of Chancellors ASTRO Representative
2019-present	ACR Commission on Radiation Oncology, Chair
2019-2020	ARS-Appropriate Use Criteria Steering Committee, Vice Chair
2019-present	NRG GYN RT Working Group, Co-Chair
2020-2021	ACR Board of Chancellors Board Self Evaluation Committee, Chair
2020-2021	ASTRO Education Committee, Chair
2020-present	ASCO eLearning Editorial Board Strategic Task Force Leader (Training)

## TEACHING

**NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE**

1994-2013           Obstetrics and Gynecology Radiation Oncology Lecture  
 1996-                Problem Based Learning Course  
 2008-2013           Scientific Basis of Medicine, Radiation Oncology Lecture

**LOYOLA UNIVERSITY STRITCH SCHOOL OF MEDICINE**

2014-present        Introduction to Radiation Oncology: Mechanisms of Human Disease Course

**TEACHING GRANTS**

1.     UICC technology transfer grant in 2010 - one month - total 2400USD + 1000 USD for flight ticket – Tamer Rafeet
2.     The Feinberg School of Medicine Summer Research Grant – 2,000 – Alex Herkovic
3.     The Feinberg School of Medicine Summer Research Grant – 2,000 – Alfred Chung
4.     NIH Office of International Affairs visiting scientists grant total 25K for 1 year Sept 2011 - August 2012 – Tamer Refaat
5.     Loyola University Strich School of Medicine STAR Summer Medical Student Research: June – September 2014; Brachytherapy; Grant Harmon
6.     Loyola University Strich School of Medicine STAR Summer Medical Student Research: June – September 2015; Brachytherapy; John Weaver
7.     Loyola University Strich School of Medicine STAR Summer Medical Student Research: June – September 2017; Brachytherapy; Yo Sup Kim
8.     Loyola University Strich School of Medicine STAR Summer Medical Student Research: June – September 2018; Brachytherapy; Christine Dankha.

**MENTORING:**

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Project(s) and Current Position</b>
1992-97	Glenn Applegate	Resident	Treatment of brain metastases from choriocarcinoma, resulting in 2 publications.  Currently Radiation Oncologist at Cancer Center of Western Wisconsin
1997-1999	Natarajan Raman	Resident	First author publication- Role of Radiation in the Treatment of Esophageal Cancer. Currently Radiation Oncologist at

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Project(s) and Current Position</b>
			Hennepin County Medical Center, Minneapolis, MN
1998-2002	Arul Mahadevan	Resident	Gynecology Oncology database resulting in one publication.  Currently Radiation Oncologist at Radiation Oncology Associates in Dover, NH
2001-2006	Anand Shivnani	Resident	Retrospective review of Northwestern series of rectal cancer patients treated with preoperative chemoradiation, SEER database analysis of patients with bile duct cancer, reviews on treatment of cervical cancer and treatment of xerostomia, resulting in several first author publications.  Currently Radiation Oncologist at Texas Oncology, Sherman, TX.
2003-2007	Bobby Koneru	Resident	First author publication re Radiotherapy in the Management of Ovarian Cancer.  Currently President, Paramount Oncology Group, Dubuque, IA
2003-2007	Samir Sejpal	Resident	Review paper on palliative radiotherapy published in Seminars in Interventional Radiology. ASCO poster presentation on chemoradiation in esophageal cancer.  Currently Radiation Oncologist at Florida Hospital
2004-2008	Andrew Wahl	Resident	Breast repeat radiotherapy, rectal cancer, renal transplant rejection, resulting in 6 first author publications and several others.  Currently Associate Professor and Residency Program Director at the University of Nebraska
2004-2008	Catherine Shuman Hwang	Resident	Publication re placement of tandem uterine applicators.  Currently Radiation Oncologist at Florida Hospital
2005-2011	Virginia Diavolitsis	Resident	Endometrial cancer outcomes and kidney toxicity, resulting in several publications and a book chapter

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Project(s) and Current Position</b>
			Currently Assistant Professor at Ohio State University Wexner Cancer Center.
2006-2010	Amit Bhate	Resident	Review paper on palliative radiotherapy published in Seminars in Interventional Radiology.  Currently Radiation Oncologist at Kishwaukee Community Hospital
2008-2012	Eric Donnelly	Resident	Cervical cancer long term outcomes and toxicity, toxicity in endometrial brachytherapy - 3 first author publications, co author on 3 book chapters.  Currently Assistant Professor of Radiation Oncology at Northwestern University
2008-2013	Tamer Refaat Abdelrhman	Resident/ Fellow	Doctoral degree thesis supervisor comparing image guided pulsed dose rate brachytherapy to high dose rate brachytherapy in cervical cancer patients; mentor during NCI/NIH funded R25 fellowship at Northwestern. Thesis successfully defended and degree obtained. 8 publications, 2 book chapters, and 9 abstracts published.  Currently Adjunct Assistant Professor of Radiation Oncology at Northwestern University, and Radiation Oncologist at the FHN Leonard C. Ferguson Cancer Center in Freeport, IL.
2009-2013	Michelle Gentile	Resident	First author publication in the Red Journal re-evaluating nodal coverage and radiation nodal fields in patients with node positive breast cancer. Several other book chapters/book reviews.  Currently Assistant Professor at Northwestern University
2010-2014	Hannah Yoon	Resident	Lymphangiogram analysis for GYN cancers, inguinal lymph node contouring. 1 first author publication and 2 book chapters.

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Project(s) and Current Position</b>
			Currently Radiation Oncologist at Stony Brook Cancer Center.
2010-2014	Bryan Macrie	Resident	Publication and abstract re Patterns of Recurrence and Role of Pelvic Radiotherapy in Ovarian Clear Cell Adenocarcinoma.  Currently Radiation Oncologist at Midwest Radiation Oncology Consultants, Elgin, IL.
2011-2015	Brijal Desai	Resident	ASTRO Abstract re Locally Advanced Cervical Cancer  Currently Radiation Oncologist at St. Barnabas Medical Center, Livingston, NJ
2011-2015	Kapila Kalakota	Resident	First author publication re IORT in breast cancer.  Currently Radiation Oncologist at Radiation Oncology Consultants.
2012-2013	Sean Sachdev	Resident	Breast hyperthermia- 1 first author publication; c-Met Overexpression in cervical cancer - one publication; pelvic malignancies book chapter.  Currently Assistant Professor at Northwestern University
2013-2015	Karan Shah	Resident	Kyphoplasty and IORT to treat spinal metastases - several publications, co-author of book chapter on basic concepts in clinical radiation oncology.  Currently Radiation Oncologist at Cancer Treatment Centers of America, Zion, IL
2014-2016	Fiori Alite	Resident	Pelvic nodes brachytherapy project, 1-3 nodes paper, chapter in Clinical Radiation Oncology, 3rd edition.  Currently Radiation Oncologist at Geisinger Medical Center, Lewisburg, PA
2013-2017	Alec Block	Resident	Gynecologic research - 4 publications.  Currently Assistant Professor at Loyola University Medical Center.
2014-2015	Grant Harmon	Medical Student STAR Program	Project: Brachytherapy. 4 first author publications.

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Project(s) and Current Position</b>
			Will be 2018 Radiation Oncology Resident at Loyola University Medical Center
2015-2016	John Weaver	Medical Student STAR Program	Project: Brachytherapy. 1 publication, 1 abstract
2016-2017	Amishi Bajaj	Medical Student	Multi-Center retrospective gynecologic oncology study assessing patients with small cell carcinoma of the cervix who have received chemoradiation with intent to cure (in progress). Publication re worldwide impact of cervical cancer.
2017-2018	Yo Sup Kim	Medical Student STAR Program	Uterine perforation during vaginal brachytherapy for cervical cancer (manuscript in press)
2017-2018	Max Carlino	Graduate Student	Shadowed in clinic on several occasions, mentored re medical school application
2018	Ryan Emmanuel	Undergraduate Student	Shadowing in clinic and mentoring re medical profession
2018-2019	Christine Dankha	Medical Student STAR Program	Retrospective review of sexual survivorship among female patients treated with pelvic radiation for rectal and anal cancer
2019	Shruti Shah	Undergraduate Student	Shadowing in clinic and mentoring re medical profession
2019-2020	Natalie Knox	Medical Student STAR Program	
2019	Michael Seraphin	Undergraduate Student	Shadowing in clinic and mentoring re medical profession
2019	Matthew Wu	Medical Student	Shadowing in clinic and mentoring re medical profession
2019	Shiv Bajaj	Undergraduate Student	University of Illinois MCB Alumni Mentorship program



## PUBLICATIONS:

1. **Small, W. Jr.**, Mittal, B.B., Brand, W.N., Shetty, R.M., Rademaker, A.W., Beck, G., Hoover, S.V. Results of Radiation Therapy in Early Glottic Carcinoma: Multivariate Analysis of Prognostic and Radiation Therapy Variables, Radiology 1992; 183: 789-794. PMID 1584935.
2. **Small, W. Jr.**, Mittal, B.B., Brand, W.N., Shetty, R.M., Rademaker, A.W., Beck, G., Hoover, S.V. The role of Radiation Therapy in Carcinoma-In-Situ of the Larynx. Laryngoscope 1993; 03: 663-667. PMID 8502100.
3. **Small, W. Jr.**, Lurain, J.R., Shetty, R.M., Huang, C.F., Applegate, G.L., Brand, W.N. Gestational Trophoblastic Disease Metastatic to the Brain, Radiology 1996; 200: 277-280. PMID 8657926.
4. **Small, W. Jr.**, Ward, W.F., Molteni, A. Captopril: A Possible New Agent in the Treatment of Breast Cancer? The Journal of the Robert H. Lurie Cancer Center 1996; V: 25-32.
5. Fishman, D.A., Williams, S., **Small, W. Jr.**, Keh, P., Gerbie, M.V., Schwartz, P.E., Gershenson, D.M., Lurain, J.R. Jr. Case Report: Late Recurrences of Vaginal Clear Cell Adenocarcinoma, Gynecol Oncol 1996; 62: 128-132. PMID 8690285.
6. Jagetia, R., **Small, W. Jr.**, Stuart, F.P., Shetty, R., Stuart, J., Kanwar, Y.S., Mittal, B.B. Local Graft Irradiation after Failure of Modern Immunosuppression in Acute Cellular and Vascular Rejection, Int J Radiat Oncol Biol Phys 1996; 36: 907-911. PMID 8960520.
7. **Small, W. Jr.**, Morrow, M. Local Management of Breast Cancer, Cancer Control, 1997; 4: 201-210.
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## BOOK CHAPTERS

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124. Rusu, I., Choi, M., Thomas, T., Piotrowski, N., Gliniewicz, A., Enchia, E., Hentz, C., **Small, W. Jr.**, et al. A Novel Method to Set Appropriate Gating Window for Deep Inspiration Breath Hold Patients. Int J Radiat Oncol Biol Phys, 2015 Nov 01;93(3):E52.

125. Harmon, G., Diak, A., Shea, S., Yacoub, J., **Small, W. Jr.**, Harkenrider, M. Point A Versus D90 in MR-Guided Cervical Brachytherapy of Small and Large Lesions: A Dosimetric Study. Int J Radiat Oncol Biol Phys, 2015 Nov 01;93(3):E272.
126. Surucu, M., Shah, K., Mescioglu, I., Roeske, J., **Small, W. Jr.**, Choi, M., Emami, B. Why Are Volume Reductions in Primary Tumors and Nodes Different During Chemoradiation Therapy of Head and Neck Cancer. Int J Radiat Oncol Biol Phys, 2015 Nov 01;93(3):E331-E332.
127. Diak, A., Shea, S., Surucu, M., Medved, M., Karczmar, G., Harkenrider, M., Yacoub, J., **Small, W. Jr.**, Roeske, J. High Spectral and Spatial Resolution MR Imaging of Cervical Cancer With Tandem and Ovoid Brachytherapy Applicator: A Pilot Study. Int J Radiat Oncol Biol Phys, 2015 Nov 01;93(3):E605.
128. Solanki A., Block A., Henry E., Gaynor E., Harkenrider M., Welsh J., **Small, Jr. W.**, Concurrent Chemotherapy Involves Overall Survival in Elderly Bladder Cancer Patients Undergoing Radiotherapy: A Population-based Analysis. Submitted to ASCO 2016 Annual Meeting, June 3-7.
129. Weaver, J., Wood, A., Surucu, M., Harmon, G., Alite, F., **Small, W. Jr.**, Delineating the relationship between point A prescription dose and pelvic lymph node doses in intracavitary high-dose rate (HDR) brachytherapy treatment of cervical cancer. Presented at the American College of Radiation Oncology (ACRO) 2016 Annual Conference, Orlando, Florida.
130. Cho, L., Grover, S., Harkenrider, M., Small, C., **Small, W. Jr.**, Erickson, B., Viswanathan, A., Factors Associated with the Use of Magnetic Resonance (MR) Imaging for Cervical Brachytherapy in the United States. Brachytherapy, May-June 2016; 15(3):S55.
131. Diak, A., Shea, S., Surucu, M., Gros, S., Medved, M., Karczmar, G, **Small, W. Jr.**, Roeske, J., Spectral Characterization of Tissues in High Spectral and Spatial Resolution MR Images in Vitro: Implications for Classification-Based Synthetic CT Algorithm. Accepted for the AAPM 58<sup>th</sup> Annual Meeting and Exhibition, July 31 – August 4, 2016.
132. Solanki, A., Surucu, M., Kazcmarz, B., McCoo, T., Roeske, J., **Small, W. Jr.**, Improving Communication of Patient Care through Integration of Hospital and Radiation Oncology Electronic Medical Records. Int J Radiat Oncol Biol Phys, 2016 Oct 1; 96(2):S235.
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135. Yeung, A., Pugh, S., Klopp, A., Gil, K., Wenzel, L., Westin, S., Gaffney, D., **Small, W. Jr.**, et al., Clinicians Underreport Adverse Events in NRG Oncology's Radiation Therapy Oncology Group 1203: The Importance of Using Patient-Reported Outcomes in Oncology Clinical Trials. Int J Radiat Oncol Biol Phys, 2016 Oct 1;96(2):S125.
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142. Alter, R., Adams, W., Block, A., **Small, W. Jr.**, Harkenrider, M., Analysis of Adjuvant Chemotherapy and Radiotherapy for Stage II Endometrioid Type

- Endometrial Cancer. 2017 ASCO Annual Meeting, June 2-6, 2017. J Clin Oncol 35, 2017 (suppl; abstr e17118)
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  145. Korpics, M., Bajaj, A., Mysz, M., Martin, B., Surucu, M., Roeske, J., **Small, W. Jr.**, Harkenrider, M., Solanki, A. Comparing Low Dose Rate and High Dose Rate Prostate Brachytherapy Implant Dosimetry. Brachytherapy, 2017 May-June; 16:S113.
  146. Harkenrider, M., Surucu, M., Harmon, G., Mysz, M., Shea, S., Roeske, J., **Small, W. Jr.** Early Outcomes and Impact of a Hybrid IC/IS Applicator for a New MRI-Based Cervical Brachytherapy Program. Brachytherapy, 2017 May-June; 16:S61.
  147. Patel, R., Plypoo, A., Mysz, M., Surucu, M., Roeske, J., **Small, W. Jr.**, Harkenrider, M., Kang, H., Characterization of a 3D Interstitial Ring Applicator Using Fluoroscopic Images and Gafchromic Films to Accurately Model High-Dose Rate (HDR) Brachytherapy Delivery. Accepted for a SNAP ORAL PRESENTATION, 59<sup>th</sup> Annual AAPM meeting, Denver Colorado, July 30, 2017.
  148. Harkenrider, M, Adams, W., Nieto, K., Aref, I., Bergman, D., Chundury, A., Elshaikh, M, Gaffney, D., Jhingran, A., Lee, L., Paydar, I., Ra, K., Schwarz, J., Thorpe, C., Viswanathan, S., **Small, W. Jr.**, Multi-institutional Analysis of Vaginal Brachytherapy Without External Beam Radiation Therapy for Stage II Endometrial Cancer Patients. Int J Radiat Oncol Biol Phys, 2017 Oct 1;99(2S):S112.
  149. Pagan, J., Kim, E., Small, W. Jr., Jaboin, J., Ayala-Peacock, D., Patterns of Care and Outcomes for Small Cell Carcinoma of the Cervix: A Retrospective Analysis of 542 Cases. Int J Radiat Oncol Biol Phys, 2017 Oct 1;99(2S):E306.
  150. Emami, B., Borrowdale, R., Sethi, A., Thorpe, E., Chinsky, B., **Small, W. Jr.**, Intraoperative Radiation Therapy in Head and Neck Cancers. Int J Radiat Oncol Biol Phys, 2017 Oct 1;99(2S):E335-336.
  151. Korpics, M., Hentz, C., Martin, B., Gupta, G., Farooq, R., Flanigan, R., **Small, W. Jr.**, Harkenrider, M, Solanki, A. Comparing Acute Toxicity Profiles for High Dose Rate Prostate Brachytherapy Patients Receiving Two Implants Separated by a One-Week Versus Two-Week Interval. Int J Radiat Oncol Biol Phys, 2017 Oct 1;99(2S):E249.

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155. Mailhot, R., Barbee, D., Duckworth, T., Shah, B., Duckworth, T., Small, C., Perez, C., Schiff, P., **Small, W., Jr.**, Harkenrider, M., Cost in Perspective: Comparing Physician Theoretical Willingness-to-Pay with Actual Cost of Additional Shielding Required for Cobalt-60. Brachytherapy, 2018 July-Aug;17(4):S37.
156. Miller, C., **Small, W. Jr.**, Martin, B., Pham, N., Tanimoto, Vaince, F., Godellas, C., Thomas, T., How Should We Proceed with ypN+ Breast Cancer Following Positive Sentinel Lymph Node Biopsy after Neoadjuvant Chemotherapy. International Journal of Radiation Oncology, Biology, Physics, November 1, 2018; 102(3S):E571.
157. Bajaj, A., Frumovitz, M., Martin, B., Jhingran, A., Albuquerque, K., Yen, A., Jones, E., Gaffney, D., Christensen, M., Ayala-Peacock, D., Wharton, D., Jolly, S., Kale, P., Ryan, K., Nieto, K., Harkenrider, M., **Small, W. Jr.**, Small Cell Carcinoma of the Cervix: Definitive Chemoradiation for Locally Advanced Disease. International Journal of Radiation Oncology, Biology, Physics, November 1, 2018; 102(3S):S85-6.
158. Shaikh, M., Alite, F., Jacobson, G., Bakalov, V., Emami, B., Vargo, A., Wu, M., **Small, W. Jr.**, Harkenrider, M. Radiation Toxicity in Patients with Collagen Vasucular Disease: Meta-analysis of Case-Control Studies. Accepted for poster presentation, ESTRO 38, Milan, Italy, April 26-30, 2019.
159. Ho, Y., **Small, W. Jr.**, Refaat, T., Wesolowski, M., Thomas, T., Impact of Race and Health Insurance Status on the Outcomes of Neoadjuvant Chemotherapy and Radiation Therapy for Breast Cancer Patients, International Journal of Radiation Oncology, Biology, Physics, September 1, 2019; 105(S1):E42.

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161. Mileszkin, L, Barnes, L., Moore, K., Gebiski, V., King, M., Narayan, K., Kolodziej, I., Sjoquist, K., Fyles, A., **Small, W. Jr.**, Gaffney, D., Quinn, M., Andrews, J., Thompson, S., Huh, W., Carlson, M., DiSilvestro, P., Rischin, D., Stockler, M., Monk, B., Disparities Starting Adjuvant Chemotherapy for Locally Advanced Cervix Cancer in the International, Academic, Randomised, Phase 3 OUTBACK Trial (ANZGOG 0902, RTOG 1174, NRG 0274). Poster presentation, ESMO 2019, Barcelona, Spain, September 27-October 1, 2019. Annals of Oncology, October 2019;30(S5): mdz250.060.
162. Zhang, L., Luo, H., Li, J., Ni, H, Sellin, M., Zhang, F., Zhang, J., Breslin, P., Wei.W., **Small, W. Jr.**, Ding, W., Huang, S., Zhang, J. Ripk3 Signaling Regulates Hematopoietic Stem Cell Number and Function during Stress, Blood, 2019;134 (Supplement 1):3714.
163. Omari, E., Gambla, J., Hahn, M., Kittaneh, M., Thomas, T., Wynn, R., Sethi, A., **Small, W. Jr.**, Refaat, T., ABSTRACT P4-12-21 -Implementing a Real-Time Magnetic Resonance Imaging Guided Accelerated Partial Breast Irradiation Program. Cancer Research, February 2020;80(4):P4-12-21. DOI:10.1158/1538-7445.SABCS19-P4-12-21
164. Gros, S., Gupta, S., Emami, B., Thomas, T., Small, W.Jr., Sethi, A., Clinical Implementation of a Treatment Planning System Used for INTRABEAM IORT. TARGIT Collaborative Group Annual Meeting, New Orleans, Louisiana, February 7-8, 2020.
165. Harkenrider, M, Darwish, N., Adams, W., Gliniewicz, A., Alite, F., Albain, K., Borowicz, S., Czerlanis, C., Goyal, A., Lubawski, J., Wagner, C., Rosi, D., Thomas, T., Vigneswaran, Welsh, J., **Small, W. Jr.**, Phase II Study of Stereotactic Body Radiation Therapy for Clinically Diagnosed Early Stage Lung Cancer: Early Analysis of Toxicity, International Journal of Radiation Oncology, Biology, Physics, November 1, 2020; 108(S1):e102.
166. Stang, K., Van der Voort, G., Dhanarajan, A., Martin, B., **Small, W. Jr.**, Abood, G., Thomas, T., Outcomes of Adjuvant Therapy after Cholecystectomy in Patients with Gallbladder Cancer From The National Cancer Database, 2004-2015, International Journal of Radiation Oncology, Biology, Physics, November 1, 2020; 108(S1):e639.

## GRANTS



1. Title: Osseointegration of Surgical Implants in the irradiated mandible. An In Vivo Evaluation of, Non-Submerged implant survival in the Irradiated Dog Mandible, Co - Investigator, 20,574.<sup>00</sup>  
P.I.: Alexis Olson  
Amount: 20,574.00 (No Salary Support)  
Grant Source: Northwestern Memorial Foundation  
Status: Completed
  
2. Title: Radiation Therapy Oncology Group Affiliated Member  
P.I.: **William Small, Jr., M.D.**  
Amount: \$122,717  
Grant Source: NCI through the American College of Radiology.  
Status: Completed
  
3. Title: NU 99I4: A Phase II Study of Induction Chemotherapy Followed by Concomitant Chemoradiotherapy with Paclitaxel and Carboplatin in Patients with Esophageal Cancer  
P.I.: Greg Masters  
Amount: \$500 per case reimbursement ( No Salary Support)  
Grant Source: Sub-contract Evanston Hospital  
Status: Completed
  
5. Title: PET Imaging in Cervical Cancer  
P.I.: **William Small, Jr., M.D.**  
Amount: \$20,000 (No Salary Support)  
Grant Source: Woman's Board Northwestern Memorial Hospital  
Status: Completed.
  
6. Title: RTOG C-0116: A Two-Part Phase I/Ii Study Of Extended Field External Irradiation And Intracavitary Brachytherapy Combined With Chemotherapy (Weekly Cisplatin–Arm 1) And Amifostine (Weekly Cisplatin And Amifostine–Arm 2) In Carcinoma Of The Cervix With Positive Para-Aortic Or High Common Iliac Lymph Nodes.  
P.I. **William Small Jr., M.D.**  
Amount: 1,000 – 2,000 Salary Support for National Trial  
Grant Source: NCI through the American College of Radiology  
Status: Completed.
  
7. Title: RTOG-0123: A Phase Ii Randomized Trial With Captopril (*Capoten™*) In Patients Who Have Received Radiation Therapy +/- Chemotherapy For Stage Ii-Iiia Non-Small Cell Lung Cancer, Stage I

- Central Non-Small Cell Lung Cancer, Or Limited-Stage Small-Cell Lung Cancer.  
P.I.: **William Small Jr., M.D.**  
Amount: 1,000 – 2,000 Salary Support for National Trial  
Grant Source: NCI through the American College of Radiology  
Status: Completed
8. Title: Randomized Reasibility Study of Dilator Use and an Educational Program to Increase Compliance  
P.I. Deborah Brunner, D.N.  
Amount \$150,000  
Grant Source: NIH  
Status: Completed
9. Title: A Phase II Trail of Weekly Gemcitabine and Bevacizumab (Avastin) in Combination with Abdominal Radiation Therapy in Patients with Localized Pancreatic Cancer  
P.I. **William Small Jr., MD**  
Amount \$150,000  
Grant Source: Genetech  
Status: Completed
10. Title: A phase 1/2 study to evaluate escalating doses of enteric-coated oral beclomethasone dipropionate (BDP) for prevention of signs and symptoms of acute enteritis in patients with rectal cancer treated with combined chemotherapy and radiation therapy  
PI: **William Small Jr., MD**  
Amount \$72,557  
Grant Source: DOR BIOPHARMA, INC.  
Status: Completed
11. Title: NCCN institutional grant  
PI: Al Benson  
Grant Source: NCCN  
Status: Completed
12. Title: CCOP Seed Grant - RTOG  
PI: **William Small Jr., MD**  
Amount \$16,206  
Grant Source: RTOG  
Status: Completed
13. Title: Co-Chair NRG Gyn Committee  
PI: **William Small Jr., MD**  
Amount: 15,000/year Salary Support

Grant Source: NCI through NRG  
Status: Active

**Institutional PI on multiple trials – information available upon request.**

#### **INVITED LECTURES/PRESENTATIONS/POSTERS- INTERNATIONAL**

**September 1-4, 1992:** Radiation Therapy in Early Glottic Carcinoma. Poster presented at the 11th ESTRO Meeting, Malmo, Sweden.

**April 1-5, 2000:** Whole Abdominal Radiation in Endometrial Carcinoma – An Analysis of Toxicity, Patterns of Recurrence and Survival, Poster Presented at the 82<sup>nd</sup> Annual American Radium Society Meeting, London, England.

**May 16, 2003:** RTOG C-0116: Preliminary Results and Update. Oral presentation at The Third International Cytoprotection Investigators' Congress Nevis, West Indies.

**May 16, 2003:** Session Chair, Pelvic Malignancies at The Third International Cytoprotection Investigators' Congress Nevis, West Indies.

**October 3, 2003:** Novel Approach Using Combined and Radiotherapy Gemcitabine for GI Tumors. Oral Presentation at The British Institute of Radiology, Combined Chemotherapy and Radiotherapy in GI Tumors Meeting London, England.

**May 2, 2004:** Cytoprotection in Gynecologic Malignancies: Arm 1 Results RTOG C-0116. Oral Presentation at The Fourth International Cytoprotection Investigators' Congress, Montego Bay, Jamaica.

**May 7, 2007:** Oral Presentation: A Prospective Trial Comparing Lymphangiogram, Cross Sectional Imaging and PET Scan in the Detection of Lymph Node Metastasis in Locally Advanced Cervical Cancer, Presented at the 89<sup>th</sup> Annual Meeting of the American Radium Society, Amsterdam, Netherlands.

**November 28-29, 2006:** Participant, Endometrial Cancer: State of The Science, Manchester, England.

**June 19, 2009:** Oral Presentation: The Role of Chemoradiation in Recurrent Cervical Cancer: Cervical State-of –the-Science Meeting, Manchester, England.

**September 14, 2012:** Oral Presentation: Intraoperative Radiotherapy in Breast Cancer, Chinese Society of Therapeutic Radiation Oncology – 9<sup>th</sup> Annual Congress, Beijing China.

**October 16, 2013:** Oral Presentation: Gynecological Cancer Research The Role of the Gynecological Cancer Intergroup (GCIG), Commemorative International Symposium on Radiation Medicine for the 50<sup>th</sup> Anniversary of KIRAMS, Seoul, South Korea.

**November 12, 2015:** Oral Presentation: Role of GCIG in Cervical Cancer Trials. 2015 KGOG International Meeting, Seoul, South Korea.

**November 12, 2015:** Panel Member: Obstacles of International Clinical Trials. 2015 KGOG International Meeting, Seoul, South Korea.

**January 29, 2016:** Oral Presentation: Review of Current CCRN Trials. GCIG and CCRN Cervical Cancer Educational Symposium and Clinical Trials Workshop. Bangkok, Thailand.

**January 30, 2016:** Oral Presentation: Post-operative Vaginal Cuff Brachytherapy. GCIG and CCRN Cervical Cancer Educational Symposium and Clinical Trials Workshop. Bangkok, Thailand.

**July 1, 2016:** Oral Presentation- Keynote Address – Multidisciplinary IORT Using Intrabeam – Beyond the Breast. 10<sup>th</sup> ZEISS INTRABEAM System User Meeting, Mannheim, Germany.

**October 30, 2016:** Oral Presentation – Global Perspective, GCIG and Current Trials, IGCS 16<sup>th</sup> Biennial Meeting, Lisbon, Portugal.

**October 31, 2016:** Oral Presentation – Cervical Cancer Trials. IGCS 16<sup>th</sup> Biennial Meeting, Lisbon, Portugal.

**December 3, 2016:** Oral Presentation – IORT in Pancreatic Cancer. 1<sup>st</sup> ZEISS INTRABEAM System APAC User Meeting, Bangkok, Thailand.

**December 3, 2016:** Keynote Presentation – Head and Neck Cancer in IORT using INTRABEAM. 1<sup>st</sup> ZEISS INTRABEAM System APAC User Meeting, Bangkok, Thailand.

**December 3, 2016:** Oral Presentation – Multidisciplinary IORT using INTRABEAM. 1<sup>st</sup> ZEISS INTRABEAM System APAC User Meeting, Bangkok, Thailand.

**January 29, 2017:** Oral Presentation: Basics of Cervix Brachytherapy (incl: Cobalt vs. Iridium in HDR; IMRT), GCIG/CCRN Cervical Cancer: Educational Symposium and Clinical Trials Workshop, Mexico City, Mexico.

**February 4, 2018:** Oral Presentation: Brachytherapy – from the basics to GEC-ESTRO. GCIG/CCRN Cervical Cancer: Educational Symposium and Clinical Trials Workshop, Bucharest, Romania.

**August 16, 2020:** Expert Panel: SANTRO Interactive Lecture, The Paradigm and Treatment Decision of Post-operative Radiotherapy (PORT) in Patients with Clinically Stage II-III Breast Cancer After Neoadjuvant Chemotherapy (NAC).

**October 21, 2020:** Oral Presentation: NRG Oncology /RTOG Consensus Guidelines for Delineation of Clinical Target Volume for Intensity-Modulated Pelvic Radiation Therapy

in Postoperative Treatment of Endometrial and Cervical Cancer- An Update. The 23rd Annual International Scientific Conference of Alexandria Clinical Oncology Department, Cairo, Egypt (virtual).

## **INVITED LECTURES/PRESENTATIONS/POSTERS- NATIONAL**

**October 10, 1991:** Management of Laryngeal Carcinoma. Lecture delivered at Northwestern University, Chicago, IL.

**December 5, 1991:** Radiation Results of Early Glottic Carcinoma: Multivariate Analysis of Prognostic and Radiation Therapy Variables. Presented at the 77th Scientific Assembly of the Radiological Society of North America, Chicago, IL.

**December 12, 1991:** Loco-regional Control in Breast Cancer. Lecture delivered at Northwestern University, Chicago, IL.

**January 23, 1992:** Intra-operative Radiation Therapy. Lecture delivered at Northwestern University, Chicago, IL.

**May 8, 1992:** The Diagnosis and Treatment of Laryngeal Cancer. Continuing Medical Education Lecture delivered at Oak Park Hospital, Oak Park, IL.

**June 25, 1992:** Current Role of Monoclonal Antibodies in the Treatment of Cancer. Lecture delivered at Northwestern University, Chicago, IL.

**September 20, 1992:** The Diagnosis, Work-up and Treatment of Cervical Cancer. Lecture delivered at Northwestern University, Chicago, IL.

**October 19, 1992:** Surgery and/or Radiation Therapy for Early Stage Cervical Cancer. "State-of-The-Art" series, Robert H. Lurie Cancer Center of Northwestern University, Chicago, IL.

**November 24, 1992:** Particle Beam Therapy. Lecture delivered at Northwestern University, Chicago, IL.

**December 14, 1992:** Retroperitoneal Liposarcoma Involving the GU tract. "State-of-The-Art" series, Robert H. Lurie Cancer Center of Northwestern University, Chicago, IL.

**January 11, 1993:** Cartilage Tumors. "State-of-The-Art" series, Robert H. Lurie Cancer Center of Northwestern University, Chicago, IL.

**February 18, 1993:** Metastron Preceptorship Panel Participant, Robert H. Lurie Cancer Center of Northwestern University, Chicago, IL.

**April 8, 1993:** Pancreas Carcinoma: Evaluation and Treatment. Lecture delivered at Northwestern University, Chicago, IL.

**October 15 - 21, 1993:** Captopril Inhibits Proliferation of Human Mammary Ductal Carcinoma Cells in Culture. Poster presented at the 35th Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, New Orleans, LA.

**November 18, 1993:** The Role of PSA in Prostate Cancer. Lecture delivered at Northwestern University, Chicago, IL.

**April 24 - 28, 1994 :** Captopril Modulates Hormone Receptor Concentration and Inhibits Proliferation of Human Mammary Ductal Carcinoma Cells In Culture. Poster presented at the Annual Meeting of the Federation of American Societies for Experimental Biology, Anaheim, CA.

**May 13, 1994 :** Medulloblastoma: Evaluation and Treatment. Lecture delivered at Northwestern University, Chicago, IL.

**June 15 - 16, 1995 :** The Sixth Annual Molnati Symposium Oncology : The Year in Review Symposium Co-Director and Lecturer on Gynecologic Oncology - Radiation Oncology. The Robert H. Lurie Cancer Center, Northwestern University, Chicago, IL.

**June 16 - 17, 1995:** Chicago Prostate Cancer Shoot-Out, Definitive Treatment Options in the Management of Early Stage Prostate Cancer, Faculty, Judges Panel, Palmer House Hotel, Chicago, IL.

**July 31, 1995:** Hyperthermia in the Management of Gastrointestinal Malignancies. "State-of-The-Art" series, Robert H. Lurie Cancer Center of Northwestern University, Chicago, IL.

**November 6, 1995:** Carcinoma of the Cervix. Continuing Medical Education Lecture, Gottlieb Hospital, Melrose Park, IL.

**November 17, 1995:** Radiation Therapy for Bladder or Endometrial Cancer, Chicago Area Cancer Registrars Association 1995 Workshop, Chicago, IL.

**November 27, 1995:** Gestational Trophoblastic Disease Metastatic to the Brain. Presented at the 81st Annual Scientific Assembly of the Radiological Society of North America, Chicago, IL.

**May 15, 1996:** Invited Speaker, Schaumburg High School Awards Ceremony, Schaumburg, IL.

**June 26, 1996:** Normal Tissue Tolerance of Radiation : Definitions and Techniques to Minimize Complications, Chicago Area Radiation Therapists Meeting, Chicago, IL.

**July 13, 1996:** Radiation Treatment of Ocular Melanoma, Ocular Melanoma Support Group Meeting, Chicago, IL.

**July 30, 1996:** Techniques and Biology of Radiation Therapy, Surgical Grand Rounds, Northwestern University, Chicago, IL.

**June 6, 1997:** Board Review Course - Faculty Osler Institute. Louisville, KY.

**June 20 - 21, 1997:** Chicago Prostate Cancer Shoot-Out II, Definitive Treatment Options in the Management of Early State Prostate Cancer, Faculty, Judges Panel, Palmer House Hotel, Chicago, IL.

**October 3, 1997:** Clinical Problems in Urology, Treatment of Localized Disease with External Beam Radiation, Northwestern University, Chicago, IL.

**May 28, 1998 :** Board Review Course - Faculty Osler Institute. Louisville, KY.

**September 18, 1998:** The State of the Art Management of Pancreatic Carcinoma, Symposium Organizer and Lecture on “ The Role of Intra-operative and Post-operative Radiation Therapy for Resectable and Unresectable Pancreatic Cancer”, Holiday Inn City Centre, Chicago, IL.

**October 25–29, 1998:** The Treatment of Choroidal Melanoma with Iodine-125 Eye Plaque : An Analysis of Long Term Visual Acuity. Poster presented at the 40th Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Phoenix, AZ.

**November 17, 1998:** Westlake Community Hospital, Colon Cancer Symposium : The Role of Radiation in the Treatment of Colon and Rectal Cancers, Melrose Park, IL.

**May 1999:** Radiation Oncology Board Review Course - Faculty Osler Institute. Louisville, KY.

**June 1999:** OB/GYN Board Review Course - Faculty Osler Institute, Chicago, IL.

**October 2, 1999:** Lynn Sage Breast Conference, Moderator, Radiation Oncology. Chicago, IL.

**March 4, 2000:** Cancer Update – 2000, Family Practice Course, Oak Brook, IL.

**May 12-15, 2000:** Board Review Course - Faculty Osler Institute. Louisville, KY.

**August 26-27, 2000:** RSNA Research and Education Foundation Consensus Conference; New Pathways for Educating Radiologists for the Future, Panel Member, Oak Brook, IL.

**January 18, 2001:** The Multimodality Therapy of Cervical Cancer, The Chicago Radiological Society, The Standard Club, Chicago, IL.

**February 3, 2001:** Woman’s Cancer Prevention. Diagnosis and Treatment, Lecture, St. Patrick’s Woman’s Health Day, St. Charles, IL.

**April 27, 2001:** Controversies in GI Oncology: Program Chairman, Robert H. Lurie Comprehensive Cancer Center, Chicago, IL.

**May 24, 2001:** Cellular Response to Radiation, Resident Education Lecture Series: Department of Otolaryngology-Head and Neck Surgery, Chicago, IL.



**June 8, 2001:** Ethylol in Cervical Cancer Chemoradiation: Oral Presentation at The First Investigator's Congress on Radioprotection. St. Croix, US Virgin Islands.

**June 8-10, 2001:** Oral Board Examiner, American College of Radiology: Radiation Oncology Board Exam, Gynecologic Section, Louisville, KY.

**August 15, 2001:** Advisor, Breast Brachytherapy: Nycomed/Amersham, Chicago, IL.

**September 7- 8, 2001:** Faculty Development Symposium, Xeloda, Chicago, IL.

**October 18-21, 2001:** Moderator, Local Issues in Breast Cancer: Third Annual Lynn Sage Breast Symposium, Chicago, IL.

**November 4-8, 2001:** Endometrial Adenocarcinoma Invasive to  $\leq 1/2$  the Myometrial Thickness: Analysis of Prognostic Variables for Recurrence and Survival. Oral Presentation at the 43rd Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, San Francisco, CA.

**April 14-16, 2002:** Participant, Lung Committee: LENT IV: Late Effect Criteria and Applications Workshop, St. Petersburg, FL.

**May 18-19, 2002:** Steering Committee; First Annual Illinois Radiological Society Meeting, Chicago, IL.

**May 18, 2002:** Moderator, Radiation Oncology; First Annual Illinois Radiological Society Meeting, Chicago, IL.

**May 18, 2002:** Gastric Malignancies; Oral Presentation the First Annual Illinois Radiological Society Meeting, Chicago, IL.

**June 6, 2002:** Cytoprotection in Gynecologic Malignancies; Oral Presentation at the Second Investigators Congress on Radioprotection. St. Thomas, US Virgin Islands.

**June 8-11, 2002:** Oral Board Examiner, Gynecologic Section, American Board of Radiology, Louisville, Kentucky.

**June 21 - 22, 2002:** Chair: Advances in Gastrointestinal Oncology, Chicago, IL

**June 21, 2002:** Combined Modality Therapy in Rectal Cancer Oral Presentation at Advances in Gastrointestinal Oncology, Chicago, IL.

**September 17, 2002:** American Cancer Society Cable Access Community Call-In Program, Hope, Progress, Answers: Cervical Cancer.

**October 5, 2002:** New Directions in the Combined Modality Treatment of Pancreatic Cancer; Oral Presentation, Innovations in Pancreatic and Colorectal Cancer Management, Deerfield, IL.

**October 24, 2002:** PET Imaging in Cervical Cancer, Presentation to the Woman's Board of Northwestern Memorial Hospital, Chicago, IL.

**October 24, 2002:** Combined Modality Therapy in Rectal Cancer, Oral Presentation at the Chicago Radiological Society, Chicago, IL.

**November 1, 2002:** The Role of Radiotherapy in Phyllodes Tumor of the Breast, Oral Presentation and Panel Member: Fourth Annual Lynn Sage Breast Symposium, Chicago, IL.

**March 11, 2003:** Cervical & Endometrial cancer: Guest on American Cancer Society Call-In Program: Hope, Progress Answers, Chicago, IL.

**May 8, 2003:** Endometrial Cancer: Refresher Course @ the 24<sup>th</sup> Annual Meeting for the American Brachytherapy Society, New York, NY.

**May 8, 2003:** Does pretreatment calculation of Bladder and Rectal Doses in HDR Vaginal Brachytherapy alter Therapy? Oral Presentation at the 24<sup>th</sup> Annual Meeting of the American Brachytherapy Society, New York, NY.

**June 2, 2003:** Radiation Therapy. Oral Presentation, OB/GYN Refresher Course, Chicago, IL.

**June 13-14, 2003:** Chair, Innovations in Diagnosis Staging and Management of Gastrointestinal Malignancies, Chicago, IL.

**June 13, 2003:** Moderator Esophageal Cancer, Innovations in Diagnosis, Staging and Management of Gastrointestinal Malignancies, Chicago, IL.

**July 16-18, 2003:** Faculty, Prosure Speakers Symposium, Columbus, OH.

**November 11, 2003:** Advances in the Management of Cancer-Induced Weight Loss. Oral Presentation, Tumor Board Grand Rounds, Research Medical Center, Kansas City, MO.

**April 1-3, 2004:** A Phase II trial of full-dose Gemcitabine with concurrent Radiation Therapy in patients with Resectable or Unresectable Non-Metastatic Pancreatic Cancer. Poster Presentation, Lilly Investigators Meeting, Phoenix, AZ.

**May 15, 2004:** Impact of PET on Patient Management: A Radiation Oncologist's Perspective. Oral Presentation at the Society of Nuclear Medicine Central Chapter 2004 Annual Meeting: The Changing Landscape of Nuclear Medicine, Chicago, IL.

**June 7, 2004:** Radiation Therapy. Oral Presentation, OB/GYN Refresher Course, Chicago, IL.

**September 11-12, 2004:** Steering Committee: Illinois State Radiological Society Annual Meeting, Chicago, IL.

**September 17-19, 2004:** Faculty: Cytoprotection Speaker Symposium, Chicago, IL.

**October 6, 2004:** An American Brachytherapy Society Survey Regarding the Practice Patterns of Post-Operative Irradiation for Endometrial Cancer, Oral Presentation at the 46<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Atlanta, Georgia.

**October 29, 2004:** The Role of Radiotherapy in Paget's Disease of the Breast, Oral Presentation and Panel Member: Sixth Annual Lynn Sage Breast Symposium, Chicago, IL.

**December 2-3, 2004:** Faculty, EPEC-O Workshop, Chicago, IL.

**December 10, 2004:** RTOG-0116 Workshop, Oral Presentation, Chicago, IL.

**February 24, 2005:** Oral Presentation: Cytoprotection and Radiation Toxicity, Northwestern University, Chicago, IL

**February 28, 2005:** Oral Presentation, 2005 Gastrointestinal Cancers Symposium ASCO Review, Radiation Oncology, Chicago, IL.

**March 9-10, 2005:** Participant, Salix Pharmaceuticals Radiation Oncology Advisory Board, Aventura, FL.

**March 17, 2005:** Oral Presentation, Cytoprotection or Improving the Therapeutic Ratio, Chicago Radiological Society, Chicago, IL.

**March 23, 2005:** Radiation Toxicity, Oral Presentation, Panama City, Florida.

**April 14, 2005:** Cytoprotection in Pelvic Malignancies, Oral Presentation, Indianapolis, Indiana.

**May 20, 2005:** Radiation Toxicity, Oral Presentation, Grand Rounds, Robert H. Lurie Comprehensive Cancer Center of Northwestern University, Chicago, IL.

**May 23, 2005:** Heme/Onc Board Review, Robert H. Lurie Comprehensive Cancer Center of Northwestern University, Chicago, IL.

**May 23, 2005:** Cytoprotection or Improving the Therapeutic Ratio, Oral Presentation, Moline, IL.

**June 1, 2005:** An ABS Survey Regarding the Practice Patterns for Endometrial Cancer, Oral Presentation and Panel Member, Gynecologic Cancer, American Brachytherapy Society Annual Meeting, San Francisco, CA.

**June 12-25, 2005:** Faculty ASCO and The EPEC Project Train-the Trainer Workshop, Multiple Oral Presentations, Reston VA.

**June 17, 2005:** The Radiation Oncologist Role in the Management of Gynecologic Malignancies. Oral Presentation, OB/GYN Refresher Course, Chicago, IL.

**July 14, 2005:** Pancreas Cancer. Oral Presentation, Cancer Wellness Center, Northbrook, IL.

**August 30, 2005:** Cervical Cancer: Current Status of Combined Therapy, Toxicity and Techniques to Reduce Toxicity. Grand Rounds, University of Iowa, Iowa City, Iowa.

**September 12, 2005:** Cytoprotection or Improving the Therapeutic Ratio. Oral Presentation, University of Florida, Gainesville, FL.

**October 1, 2005:** Radiation Toxicity in Gynecologic Malignancies. Faculty, Medimmune Regional Advisory Board, Chicago, IL.

**October 7, 2005:** Panel Discussion: Unusual Breast Problems. Synchronous Local Recurrence and Distant Metastasis. Lynne Sage Breast Cancer Symposium, Chicago, IL.

**October 19, 2005:** Extended Field Irradiation and Intracavitary Brachytherapy Combined with Cisplatin Chemotherapy for Cervical Cancer with Positive Para-aortic or High Common Iliac Lymph Nodes: Results of Arm One of RTOG 0116, Oral Presentation at the 47<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Denver, Colorado.

**October 19, 2005:** Moderator, Gynecologic Scientific Session at the 47<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Denver, Colorado.

**October 28, 2005:** Debator, DCIS and Segmental Radiotherapy, Great Debates in Breast Cancer, Lake Tahoe, NV.

**November 12, 2005:** Additional Areas of Clinical Applications: Pelvic Malignancies, Oral Presentation, Medimmune Regional Advisory Board, Atlanta, GA.

**November 28, 2005:** Oral Presentation: Case-based Review of Radiation Oncology: Gynecologic Cancers, Radiological Society of North America, Chicago, IL.

**November 28, 2005:** Oral Presentation: RTOG 0128, Radiological Society of North America, Chicago, IL.

**December 1, 2005:** Oral Presentation: ASTRO Review Course: Gynecology, Cleveland, OH.

**February 17, 2006:** Oral Presentation: Review of Selected Radiation Abstracts, 2006 Gastrointestinal ASCO Cancer Symposium Review, Chicago, IL.

**February 23-25, 2006:** Participant Trans-Atlantic Image Based Brachytherapy Workshop, Washington, DC

**April 11-12, 2006:** Consultant, Hyperthermia Retreat, Duke University, Durham, NC.

**May 3, 2006:** Oral Presentation: The Role of Cytoprotection in Pelvic Malignancies, Bloomfield Hills, Michigan.

**May 12, 2006:** Oral Presentation: Radiation Toxicity: Medimmune Training Conference, Chicago, IL.

**June 10 – 13, 2006:** Oral Board Examiner, Gastrointestinal Malignancies, Louisville, Kentucky.

**September 12, 2006:** Oral Presentation: The Role of Cytoprotection in the Treatment of Pelvic Malignancies – Cervical, Ovarian, Prostate, Bladder, Minneapolis, MN.

**September 13, 2006:** Oral Presentation: The Role of Cytoprotection in the Treatment of Pelvic Malignancies – Cervical, Ovarian, Prostate, Bladder, Appleton, WI..

**September 13, 2006:** Oral Presentation: The Role of Cytoprotection in the Treatment of Pelvic Malignancies – Cervical, Ovarian, Prostate, Bladder, Brookfield, WI.

**September 16 - 17, 2006:** Participant Trans-Atlantic Image Based Brachytherapy Workshop, Washington, DC.

**October 14 – 16, 2006:** Practice Patterns of radiotherapy in endometrial cancer among member groups of the gynecologic cancer intergroup (GCIG). Poster Presented at the International Gynecological Cancer Society Meeting, Santa Monica, CA, 2006.

**November 7, 2006:** A Phase II Trial of Full-Dose Gemcitabine with Concurrent Radiation Therapy in Patients with Resectable or Unresectable Non-Metastatic Pancreatic Cancer, Poster Discussion Session at the 47<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Philadelphia, PA.

**November 27, 2006:** Oral Presentation: Case-based Review of Radiation Oncology: Gynecologic Cancers, Radiological Society of North America, Chicago, IL.

**February 16, 2007:** Oral Presentation: Review of Selected Pancreatic Abstract, 2007 Gastrointestinal Cancers Symposium Review, Chicago, IL.

**May 30, 2007:** Oral Presentation: Reducing Complications Associated with the Treatment of Gynecologic Malignancies, Grand Rounds, Palos Community Hospital, Palos Heights, IL.

**June 1, 2007:** Faculty, Oral Presentation; Optimizing Oncology Care: Symptom Management & Communication Skills, Optimal Care for Survivors, ASCO, Chicago, IL.

**June 1, 2007:** Multidisciplinary Care of the Patient With Colorectal Cancer, Panel Discussion, ASCO, Chicago, IL.

**June 15, 2007:** Oral Presentation: The Role of Cytoprotection in the Treatment of Pelvic Malignancies, Cleveland, OH.

**June 20, 2007:** Oral Presentation: Reducing Complications Associated with the Treatment of Gynecologic Malignancies, New York Methodist Hospital, Cornell Medical School, New York, NY.

**July 19, 2007:** Oral Presentation: The Best Adjuvant Therapy for High-risk, Early Stage Endometrial Cancer is Radiation. Current Controversies in Corpus Malignancies: State of The Science, Philadelphia, PA.

**July 21, 2007:** Oral Presentation: Endometrial Cancer Techniques and Case Presentation with Discussion – Endometrial Cancer Stage I, American Brachytherapy Society School of Gynecologic Brachytherapy, Chicago, IL.

**August 16, 2007:** Medical Director Address, NM Academy Radiation Therapy Graduation, Chicago, IL

**September 21, 2007:** Gynecologic Oncology Fellow Lecture, Image Guided Brachytherapy, Chicago, IL.

**September 27, 2007:** Moderator, Workshop I, National Cancer Institute, State of Th Science Meeting: Cervical Cancer, Bethesda, MD.

**September 28, 2007:** Panel Member, Oral Presentation; Unusual Breast Problems, Management of Recurrent Cancer, Lynn Sage Breast Cancer Symposium, Chicago, IL.

**October 11, 2007:** ASCO Item Writing Workshop Participant, Chicago, IL.

**October 29, 2007:** Oral Presentation: Extended Field Irradiation and Intracavitary Brachytherapy Combined With Cisplatin Chemotherapy for Cervical Cancer with Positive Para-Aortic or High Common Iliac Lymph Nodes: Results of Arm 2 of RTOG 0116, Oral Presentation at the 49<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Los Angeles, California.

**December 6, 2007:** Grand Rounds: Oral Presentation: Radiation Toxicity: Separating Fact from Fiction, Lutheran General Hospital, Park Ridge, IL.

**December 10, 2007:** Cancer Prevention and Control: Health Services Lunchtime Lecture Series Northwestern University: Radiation Toxicity: Definition, Prevention and Treatment, Chicago, IL.

**January 26, 2008:** Oral and Poster Presentation: A Phase II trial of Weekly Gemcitabine and Bevacizumab in Combination with Abdominal Radiation Therapy in Patients with Localized Pancreatic Cancer. Presented at The 2008 Gastrointestinal Cancers Symposium: Science and Multidisciplinary Management of GI Malignancies, Orlando, FL.

**February 15, 2008:** Oral Presentation: Review of Selected Pancreatic Abstract, 2007 Gastrointestinal Cancers Symposium Review, Chicago, IL.

**March 29, 2008:** Oral Presentation: Debate: Patients with endometrial carcinoma confined to the uterus but involving the myometrium and/or cervix should receive radiation therapy – PRO. Presented at the Fifth International Symposium on Ovarian Cancer and Gynecologic Malignancies, New York, NY.

**May 1, 2008:** Oral Presentation: Novel Treatment Alternatives in Combination Therapy for Advanced Solid Tumors: with a Focus on Pancreatic Cancer: Tumor Board Presentation, Parkview Hospital, Fort Wayne, IN.

**May 7, 2008:** Oral Presentation: Current Status Of Breast Imaging: What is hot? What is not? Lake County Health Department, Homewood, IL.

**June 6, 2008:** Oral Presentation: Novel Treatment Alternatives in Combination Therapy for Advanced Solid Tumors: with a Focus on Pancreatic Cancer: Grand Rounds, Florida Hospital Waterman Cancer Institute, Taveres, FL.

**June 19, 2008:** Panel Member: Pfizer Oncology RTOG Advisory Board Meeting, Philadelphia, PA.

**July 15, 2008:** Oral Presentation: Treatment Alternatives for Solid Tumors: Grand Rounds, Holy Cross Hospital, Silver Spring, MA.

**July 17, 2008:** Oral Presentation: GOG Symposium: Rationale Management of Invasive Cervical Cancer: How to Best Integrate Imaging and Surgical Evaluation in Staging, Determination of Eligibility for Clinical Trials and Treatment Decisions: Review of Workshop 1 of the NCI Cervical Cancer State-of –the-Science Meeting, Chicago, IL.

**Aug 27, 2008:** Oral Presentation: Radiation Dermatitis: Dermatology Grand Rounds Seminar, Northwestern University, Chicago, IL.

**Sep 22, 2008:** Oral Presentation: A Phase II Trial of Weekly Gemcitabine and Bevacizumab in Combination with Abdominal Radiation Therapy in Patients with Localized Pancreatic Cancer at the 50<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Boston, Massachusetts.

**Sep 24, 2008:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Refresher Course at the 50<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Boston, Massachusetts.

**Sep 24, 2008:** Oral Presentation: E-countouring Session on Gynecological Malignancies presented at the 50<sup>th</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Boston, Massachusetts.

**Sep 26, 2008:** Oral Presentation: Didactic Lecture – Radiation Oncology in Gynecological Malignancies, Northwestern University, Chicago, IL.

**Oct 16, 2008:** Oral Presentation: Endometrial Cancer, Chicago Radiological Society, Chicago, IL.

**Oct 18, 2008:** Oral Presentation: Is There Still a Role for Radiation in the Treatment of Endometrial Cancer, US Oncology 6<sup>th</sup> Annual Meeting, Dallas, TX.

**Oct 25, 2008:** Panel Member: Case Studies, Lynn Sage Breast Cancer Symposium, Chicago, IL

**Dec 5, 2008:** Two Oral Presentations: 1) Neoadjuvant Therapy in Pancreatic Cancer; 2) Is There Still a Role for Radiation in the Treatment of Endometrial Cancer? Delivered at Fox Chase Cancer Center, Philadelphia, PA.

**Dec 11, 2008:** Oral Presentation: Treatment Alternatives for Solid Tumors: Grand Rounds, Good Samaritan Hospital Zanesville, OH.

**Feb 7, 2009:** Novel Radiotherapeutic Techniques for Women with Gynecologic Malignancies: Oral Presentation, Society for Gynecological Oncologists, San Antonio, TX.

**April 14, 2009:** Oral Presentation: Treatment Alternatives In combination Therapies for Advanced Solid Tumors: Grand Rounds: The Alvin and Lois Lapidus Cancer Institute at Sinai Hospital, Baltimore, MD.

**April 16, 2009:** Oral Presentation: The Role of Radiation Therapy in Gastric Cancer: CACRA Presentation, Chicago, IL.

**June 29, 2009:** Oral Presentation: Controversies in the Management of Endometrial Cancer, The American Brachytherapy Society School of Gynecologic Brachytherapy, Chicago, IL.

**October 1, 2009:** Oral Presentation, Panel Member; Unusual Breast Problems, Locally Recurrent Breast Cancer after Breast Conserving Therapy, 11<sup>th</sup> Annual Lynn Sage Breast Cancer Symposium, Chicago, IL.

**November 1–5, 2009:** Poster Presentation: A Phase II Randomized Trial with Captopril in Patients who have received Radiation Therapy +/- Chemotherapy for Stage II-IIIB Non-small Cell Lung Cancer and Stage I Central Non-small Cell Lung Cancer, or Limited-stage Small-cell Lung Cancer: RTOG 0123, Presented at the 51<sup>st</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Chicago, Illinois.

**November 2, 2009:** Oral Presentation and Panel Member: Gynecological Difficult Case Management – Stage III C Endometrial Cancer: Presented at the 51<sup>st</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Chicago, Illinois.



**November 2, 2009:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Refresher Course at the 51st Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Chicago, Illinois.

**November 9, 2009:** Oral presentation, Scientific Basis of Medicine Lecture, Radiation Oncology, Northwestern University, Chicago, IL.

**November 22, 2009:** Guest Speaker, “Radiation Oncology”, Living Well Cancer Resource Center, Geneva, IL.

**December 1, 2009:** Keynote Address, Gyn: The use of surrogate markers for treatment outcomes in gynecological malignancies, ready for prime time? The 95th Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**December 1, 2009:** Moderator: BOOST: Gynecology—Integrated Science and Practice (ISP) Session. The 95th Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**January 29, 2010:** Oral Presentation, Radiation Oncology Committee of GOG: Variability in Delineation of Clinical Target Volumes for Cervix Cancer Intensity-Modulated Pelvic Radiotherapy, San Diego, CA.

**March 6, 2010:** Oral Presentation and Panel Member: Emerging Techniques in Breast Cancer Radiation: Partial Breast and Beyond, Silver Cross Hospital 2010 Cancer Symposium Interdisciplinary Collaboration in Breast Cancer Care, Burr Ridge, IL.

**April 30, 2010:** Co-Moderator and Discussant, Poster Discussion: Gyn and General Brachytherapy, The Annual Meeting of the American Brachytherapy Society, Atlanta, GA.

**May 1, 2010:** Co-Moderator, Gynecological Proffered Papers: Dosimetric Evaluation,

**June 17, 2010:** Oral Presentation, PET and Imaging, The 40<sup>th</sup> Annual Meeting of the Felix Rutledge Society, Chicago, IL.

**October 16, 2010:** Oral Presentation, Contemporary Radiation Therapy for Colorectal Cancer, The University of Kansas Multidisciplinary Cancer Symposium, Kansas City, MO.

**October 31, 2010:** Oral Presentation and Panel Member: RTOG Anatomic Atlases: Treatment Value or More Dust? – Gynecological Atlas: Presented at the 52nd Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Chicago, IL.

**November 1, 2010:** Oral Presentation and Panel Member: Gynecological Difficult Case Management – Post-op IMRT in Cervical Cancer – Techniques and Controversies: Presented at the 52nd Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Chicago, IL.

**November 3, 2010:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Refresher Course at the 52nd Annual Scientific Meeting of the American Society for Therapeutic Radiology and Oncology, Chicago, IL.

**November 30, 2010:** Oral Presentation: Brachytherapy Review Course – Gynecology. The 96th Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**March 25, 2011:** Oral Presentation: Innovations in Radiation Therapy for GI Malignancy. Presented at Gastrointestinal Malignancies: 2011 Update of Clinical Care, Northwestern University, Chicago, IL.

**April 15, 2011:** Circulator: Countouring Workshop: GYN. The Annual Meeting of the American Brachytherapy Society, San Diego, CA.

**April 16, 2011:** Moderator: Optimizing Vaginal Brachytherapy Cylinder and Interstitial Applications. The Annual Meeting of the American Brachytherapy Society, San Diego, CA.

**May 26, 2011:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Grand Rounds, University of Maryland, Baltimore, MD.

**June 22, 2011:** Cervical Cancer: ASCO Tumor Board, ASCO University.

**September 16, 2011:** Panel Member; Complex Local Therapy Issues in Breast Cancer, 13<sup>th</sup> Annual Lynn Sage Breast Cancer Symposium, Chicago, IL.

**September 17, 2011:** Featured Speaker: Men’s Breakfast – Living Well Cancer Wellness Center, Geneva, IL.

**October 2, 2011:** Moderator: Concomitant Radiochemotherapy and Toxicity : Perspectives in the Era of Biologic Systemic Therapy, Panel Session at the 53rd Annual Scientific Meeting of the American Society for Therapeutic Radiation Oncology, Miami, FL.

**October 3, 2011:** Oral Presentation and Panel Member: Gynecological Difficult Case Management – Advanced Vulvar Cancer at the 53rd Annual Scientific Meeting of the American Society for Therapeutic Radiation Oncology, Miami, FL.

**October 4, 2011:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Refresher Course and Live SAM at the 53rd Annual Scientific Meeting of the American Society for Therapeutic Radiation Oncology, Miami, FL.

**October 5, 2011:** Oral Presentation: Preoperative Radiotherapy and Influxional 5-Fluorouracil versus Capecitabine in Rectal Cancer: Practice Patterns and Complete Response Rates at the 53rd Annual Scientific Meeting of the American Society for Therapeutic Radiation Oncology, Miami, FL.

**October 14, 2011:** Oral presentation: Treatment in Evolution: Where Has Sentinel Node Imaging Taken Us? Presented at American Roentgen Ray Society 2011 Chicago International Breast And Women's Imaging Symposium, Chicago, IL.

**November 7, 2011:** Oral Presentation: Radiation Oncology: Therapy, Scientific Basis of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL.

**November 11, 2011:** Oral Presentation: Radiation In Gynecologic Malignancies, Grand Round, St. Joseph's Hospital, Chicago, IL.

**December 1, 2011:** Oral Presentation: Brachytherapy Review Course – Gynecology. The 97th Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**January 21, 2012:** Oral Presentation: Two Lectures 1: Controversies in the Management of Endometrial Cancer, 2: Practical Issues in GYN IMRT and Brachytherapy. The Los Angeles Radiological Society 64th Annual Midwinter Conference, Los Angeles, CA.

**February 7, 2012:** Oral Presentation: The Treatment of Pancreatic Cancer, Radiation Oncology Special Lecture, Northwestern University, Chicago, IL.

**February 10, 2012:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Grand Rounds, University of Chicago, Chicago, IL.

**February 15, 2012:** Oral Presentation: Introduction to Radiation Oncology, Delivered to the Radiation Oncology Society of Northwestern University, Chicago, IL.

**February 15, 2012:** Oral Presentation: The Treatment of Pancreatic Cancer, Radiation Therapist Seminar, Radiation Oncology Special Lecture, Northwestern University, Chicago, IL.

**February 17, 2012:** Oral Presentation: Intraoperative Radiation Therapy (IORT) in Early Breast Cancer. San Antonio Breast Cancer Symposium Review, Iowa City, IA.

**February 19, 2012:** Oral Presentation: Intra-operative Radiotherapy, Colo-rectal Grand Rounds, Lutheran General Hospital, Park Ridge, IL.

**February 24, 2012:** Oral Presentation: Gynecologic Brachytherapy, Presidential Symposium, ACRO 2012 Annual Meeting, Fort Meyers, FL.

**March 2, 2012:** Oral Presentation: Controversies in the Management of Endometrial Cancer, Grand Rounds, The Henry Ford Hospital, Detroit, MI.

**May 23, 2012:** Oral Presentation: Pain Management in Radiation Oncology, Northwestern University Department of Anesthesia, Chicago, IL.

**April 29, 2012:** Moderator: Gynecological Cancer/Miscellaneous, 94<sup>th</sup> Annual Meeting of the American Radium Society, Las Vegas, NV.

**April 29, 2012:** Meet the Professor Luncheon, 94<sup>th</sup> Annual Meeting of the American Radium Society, Las Vegas, NV.

**June 29, 2012:** Oral Presentation: Radiation Oncology: Therapy, Hematology Oncology Rounds, Northwestern University Feinberg School of Medicine, Chicago, IL.

**July 23, 2012:** Oral Presentation: Advances in Vulvar Cancer, The American Brachytherapy Society School of Gyn Brachytherapy, Chicago, IL.

**August 28, 2012:** Oral Presentation: Vaginal length after vaginal brachytherapy for endometrial cancer, World Meeting on Sexual Medicine, Chicago, IL.

**October 2, 2012:** Panel Member: New Trial Evidence and Emerging Controversies in Cancer Care: Impact of Neoadjuvant Chemotherapy on Lymph Node Surgery in Breast Cancer, American College of Surgeons Annual Meeting, Chicago, IL.

**October 2, 2012:** Panel Member: New Trial Evidence and Emerging Controversies in Cancer Care: Teaching TME to Improve Outcomes in Rectal Cancer, American College of Surgeons Annual Meeting, Chicago, IL.

**October 4, 2012:** Oral Presentation: Inflammatory Breast Cancer With Residual Inflammatory Changes After Chemo, 14<sup>th</sup> Annual Lynn Sage Breast Cancer Symposium, Chicago, IL.

**October 5, 2012:** Panel Member: Difficult Local Management Issues in Breast Cancer, 14<sup>th</sup> Annual Lynn Sage Breast Cancer Symposium, Chicago, IL.

**October 6, 2012:** Moderator: Breast Cancer and the Elderly, 14<sup>th</sup> Annual Lynn Sage Breast Cancer Symposium, Chicago, IL.

**October 18, 2012:** Oral Presentation: Radiation Oncology: Therapy, Scientific Basis of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL.

**November 5, 2012:** Oral Presentation: Radiation Oncology: Therapy, Scientific Basis of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL.

**November 25, 2012:** Oral Presentation: Opening Session Welcome: The 98th Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**January 17, 2013:** Oral Presentation: Update on Radiation Oncology: 49th Annual The Year in Internal Medicine, Chicago, IL.

**January 31, 2013:** Oral Presentation: Intra-operative Radiotherapy in Breast Cancer, Invited Lecture, Texas Health Presbyterian Hospital, Dallas, TX.

**February 28, 2013:** Oral Presentation: Intra-operative Radiotherapy in Breast Cancer, Hematology/Oncology Grand Rounds, Lutheran General Hospital, Park Ridge, IL.

**April 18, 2013:** Oral Presentation: Radiology – The Next 25 Years, Chicago Radiological Society Centennial Celebration, Chicago, IL.

**April 20, 2013:** Oral Presentation: Indications for Vaginal Brachytherapy: GYN Panel II: Vaginal Brachytherapy, Annual Meeting of the American Brachytherapy Society, New Orleans, LA.

**July 8, 2013:** NCCN Monthly Oncology Tumor Boards: A Multidisciplinary Approach to Individualized Patient Care - Colon Cancer, Chicago, IL.

**July 13, 2013:** Oral Presentation: Updates in the Past 2 Years in Endometrial Cancer, 2013 GYN Brachytherapy School, Chicago, IL.

**July 13, 2013:** Oral Presentation: Difficult Cases in Endometrial Cancer, 2013 GYN Brachytherapy School. Chicago, IL

**July 18, 2013:** Oral Presentation: Cervical Cancer Trials: A Global Perspective. State of the Science in Cervical Cancer: Where We Are Today and Where We Need to Go, Gynecological Oncology Group-87<sup>th</sup> Semi-Annual Meeting, San Antonio, TX.

**August 16, 2013:** Oral Presentation: Intra-operative Radiotherapy in Breast Cancer, Radiation Oncology Grand Rounds, Loyola University, Maywood, IL.

**September 23, 2013:** Oral Presentation **PLENARY SESSION:** RTOG 0841: Two-Item Questionnaire Effectively Screens for Depression in Cancer Patients Receiving Radiation Therapy. the 55<sup>rd</sup> Annual Scientific Meeting of the American Society for Therapeutic Radiation Oncology, Atlanta, GA.

**September 24, 2013:** Education Session: Oncofertility and Fertility Preservation Treatment: Patient Needs and Opportunities for Radiation Oncologists. The 55<sup>th</sup> Annual Meeting of American Society of Therapeutic Radiation Therapy, Atlanta, GA.

**September 24, 2013:** Education Session: Difficult Cases in Vulvar and Vaginal Cancer. The 55<sup>th</sup> Annual Meeting of American Society of Therapeutic Radiation Therapy, Atlanta, GA.

**December 2, 2013:** Oral Presentation: BOOST: Gynecology—Case-based Review. The 99<sup>th</sup> Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**February 26, 2014:** Oral Presentation; Stage III Endometrial Cancer – The Role of Radiation, Multi-Disciplinary Cancer Conference, Loyola University, Maywood, IL.

**April 2, 2014:** Featured Oncologist, Conquer Cancer Foundation, Conquer! Chicago Event, Chicago, IL.

**April 3, 2014:** Varian Brachytherapy Roundtable Event: Table Moderator, The American Brachytherapy Society 2014 Annual Meeting, San Diego, CA.

**April 4, 2014:** Oral Presentation: GYN Debates: Stereotactic Body Radiation vs. Brachytherapy Boost: Brachytherapy, The American Brachytherapy Society 2014 Annual Meeting, San Diego, CA.

**April 22, 2014:** Oral Presentation: Case Based Introduction to Radiation Oncology, Loyola University, Maywood, IL.

**May 9, 2014:** Oral Presentation: Thoughts on Toxicity and Electronic Brachytherapy – Ready for Prime Time?, Cancer Center Grand Rounds, Maywood, IL.

**May 28, 2014:** Oral Presentation: Intra-operative Radiotherapy, Invited Lecture, Emory University, Atlanta, Georgia.

**June 12, 2014:** Oral Presentation – Invited Lecture: Pain Management in Radiation Oncology, Northwestern University Department of Anesthesia, Chicago, IL.

**June 25, 2014:** Oral Presentation – Invited Lecture: Electronic Brachytherapy in Breast Cancer – Ready for Prime Time? Oncology Grand Rounds, University of Pennsylvania, Philadelphia, PA.

**June 25, 2014:** Oral Presentation – Invited Lecture: Thoughts on Toxicity and Radiation in Endometrial Cancer, Radiation Oncology Grand Rounds, University of Pennsylvania, Philadelphia, PA.

**June 28, 2014:** Oral Presentation: Hot Topics in Breast Cancer: Annual Chicago Suburban Symposium: Advances in Radiation Therapy, Wellness House, Hinsdale, IL.

**July 12, 2014:** Moderator: Difficult Cases in Brachytherapy: ABS GYN School, Chicago, IL.

**July 31, 2014:** Oral Presentation: Intra-operative Radiotherapy, Invited Lecture, Birmingham, AL.

**October 6, 2014:** Oral Presentation: Research in the Department of Radiation Oncology, Invited Lecture: Oncology Institute Faculty Lecture, Maywood, IL.

**October 18, 2014:** Oral Presentation: Management of the Axilla in the Z11 and MA20 era – A Radiation Oncologist Perspective, Invited Lecture: International Oncology Symposium, Troy, MI.

**October 18, 2014:** Oral Presentation: Update on Intra-operative Radiation in Breast Cancer, Invited Lecture: International Oncology Symposium, Troy, MI.

**December 2, 2014:** Oral Presentation: BOOST: Gynecology—Case-based Review - Advances in radiation treatment of cervical cancer as a result of image guided brachytherapy- Case based discussion. The 100th Scientific Assembly and Annual Meeting of the RSNA, Chicago, IL.

**December 11, 2014:** Oral Presentation: IORT Boost in Breast Cancer: Faculty Member and Presentation at the TARGIT Academy, Cleveland, OH.

**December 20, 2014:** Oral Presentation: Featured Speaker, Living Well Cancer resource Center, Geneva, IL.

**January 24, 2014:** Oral Presentation: Intra-Operative Radiation Therapy in Breast Cancer: Ready for Prime Time, Chicago Area Radiation Therapy (CART) Meeting, Maywood, IL.

**April 9, 2015:** Oral Presentation – Invited Lecture: Intra-operative Radiation for Breast Cancer – Ready for Prime Time? Fox Chase Cancer Center, Philadelphia, PA.

**May 17, 2015:** Oral Presentation: Radiotherapy Research (GYN): Building on the Past and Looking to the Future. 2015 ACR Annual Meeting, Washington, D.C.

**May 19, 2015:** Oral Presentation: An Inside Look at Developing ACR Appropriateness Criteria® for Radiation Oncology. 2015 ACR Annual Meeting, Washington, D.C.

**July 24, 2015:** Oral Presentation: Hyperthermia and Other Hot Topics in Radiation Oncology. CTCA Symposium: Advances and Controversies in Gynecologic Oncology, Chicago, IL.

**September 9, 2015:** Oral Presentation: Living With, Through and Beyond Cancer: How Loyola is Advancing the Fight Against Cancer. Loyola University Health System "First to Know" symposium, Maywood, Illinois.

**October 19, 2015:** Oral Presentation: Multidisciplinary Management of Head and Neck and Gastrointestinal Cancer. Expert Clinical Presentation at Zeiss Intrabeam Booth, ASTRO Annual Meeting 2015, San Antonio, TX.

**October 28<sup>th</sup>, 2015:** Oral Presentation: Radiation Oncology, Jacobs High School, Algonquin, IL.

**November 16, 2015:** Oral Presentation: Analysis of Radiation Therapy Needs and Opportunities in Africa. Reverse Trade Mission Visit of Nigerian and Kenyan Health Executives and Ministers, Loyola University Medical Center, Maywood, IL.

**December 1, 2015:** Oral Presentation: Breast IORT, Updates and Controversies. RSNA 101<sup>st</sup> Scientific Assembly and Annual Meeting, Chicago, IL.

**January 8, 2016:** Oral Presentation: Overview of US and International Clinical Trials Landscape. NCI Clinical Trials Planning Meeting – Moving Forward in Endometrial Cancer, Rockville, MD.

**February 9, 2016:** Oral Presentation- Invited Lecture: Endometrial Cancer: Current Status of Radiation. University Hospitals Seidman Cancer Center, Cleveland, OH.

**February 19, 2016:** Moderator: Treatment Protocol Updates and Program Implementation and Growth. Zeiss First U.S. IntraBeam User Meeting, Las Vegas, NV.

**February 19, 2016:** Oral Presentation: TARGIT U.S. Update. Zeiss First U.S. IntraBeam User Meeting, Las Vegas, NV.

**February 19, 2016:** Oral Presentation: Starting an INTRABEAM Program in an Academic Center Setting. Zeiss First U.S. IntraBeam User Meeting, Las Vegas, NV.

**March 19, 2016:** Oral Presentation: Intraoperative Radiotherapy Partial Breast Irradiation. ACRO Annual Meeting, Orlando, FL.

**March 25, 2016:** Oral Presentation – Invited Lecture: Endometrial Cancer: Current Status of Radiation. Moffitt Cancer Center, Tampa, FL.

**April 1, 2016:** Oral Presentation – Single Modality IORT or IORT As A Boost? BC3 Breast Cancer Coordinated Care Conference. Washington, D.C.

**April 1, 2016:** Panel Discussion and Q&A – The Patient With Cancer. BC3 Breast Cancer Coordinated Care Conference. Washington, D.C.

**May 26, 2016:** Oral Presentation – Invited Lecture: IntraOperative Radiation for Breast Cancer: Ready for Prime Time. Weil Cornell Medical Center, New York, NY.

**June 4, 2016:** Oral Presentation - Locally Advanced Esophageal and Gastric Cancers: When Neoadjuvant Therapy Fails. ASCO Annual Meeting, Chicago, IL.

**June 21, 2016:** Oral Presentation – Gynecological Malignancies. Hawaii Society of Clinical Oncology Educational Symposium, Honolulu, HI.

**August 10, 2016:** Oral Presentation-Panelist – FDA Cervical Cancer Mini-Symposium, Silver Spring, MD.

**November 14, 2016:** Oral Presentation – Intraoperative-One and is it Done? 2016 ABS School of Accelerated Partial Breast Irradiation, Chicago, IL.

**November 15, 2016:** Panelist(Pro) - Debate of ASTRO Guidelines-Intraoperative vs. No Intraoperative. ABS School of Accelerated Partial Breast Irradiation, Chicago, IL.

**November 15, 2016:** Panelist – IORT Case Presentations. ABS School of Accelerated Partial Breast Irradiation, Chicago, IL.

**November 27, 2016:** Oral Presentation – Fundamentals in Radiation Oncology Imaging in Breast Cancer, RSNA Scientific Meeting and Assembly, Chicago, IL.

**January 12, 2017:** Oral Presentation- invited lecture: Current Treatment of Endometrial Cancer, Georgetown University Medical Center, Washington, DC.



**January 19, 2017:** Oral Presentation: Zeiss, IORT Radiation – Beyond the Breast, University of Minnesota, Minneapolis, MN

**April 4, 2017;** Oral Presentation (L. Campo, M. Mathew, E. Breuer, W. Small, Jr.) – The role of TACC3 in the progression from ductal carcinoma in situ to invasive breast cancer. AACR Annual Meeting Mini-Symposium, Washington, DC.

**April 8, 2017:** Oral Presentation – Endometrial Cancer: Current Status of Radiation, 2017 ASTRO Annual Refresher Course, Chicago, IL.

**April 8, 2017:** Panel Member – Gynecologic and Pediatric Q&A, 2017 ASTRO Annual Refresher Course, Chicago, IL.

**October 6, 2017:** Oral Presentation – TARGIT-A and ELIOT Trials, Emory University Hospital Midtown IORT Symposium, Atlanta, GA.

**October 6, 2017:** Oral Presentation – Radiobiology of IORT, Emory University Hospital Midtown IORT Symposium, Atlanta, GA.

**October 6, 2017:** Oral Presentation – Intrabeam for Other Sites of Disease, Emory University Hospital Midtown IORT Symposium, Atlanta, GA.

**November 30, 2017:** Oral Presentation – IORT. Anchorage, AK.

**February 1, 2018:** Oral Presentation – Adjuvant Therapy for Endometrial Cancer: Radiation, Chemotherapy, Both or Neither? ACRO Radiation Oncology Summit, Fort Lauderdale, FL.

**February 1, 2018:** Oral Presentation/Debate – SBRT vs. Brachytherapy: Why would we ever use a 100 year old technique like brachy? ACRO Radiation Oncology Summit, Fort Lauderdale, FL.

**February 8, 2018:** Oral Presentation – IORT, given to faculty of Houston Methodist Hospital, Houston, TX.

**March 1, 2018:** Oral Presentation - Intra-operative Radiation for Breast Cancer – Ready for Prime Time? University of California, San Diego, CA.

**March 10, 2018:** Oral Presentation- Intraoperative Radiotherapy in 2018. 35<sup>th</sup> Annual Miami Breast Cancer Conference, Fort Lauderdale, FL.

**May 10, 2018:** Faculty Member – ASCO Advantage Pancreatic Cancer Course, Alexandria, VA.

**July 18, 2018:** Faculty Member – ASCO Advantage Pancreatic Cancer Course, Alexandria, VA.

**October 11, 2018:** Oral Presentation – IORT. Mercy Medical Center, Des Moines, Iowa.

**December 17, 2018:** Oral Presentation – IORT. Austin, Texas.

**January 4, 2019:** Oral Presentation – Invited Lecture: Stage I-II Endometrial Cancer: The Critical Role of Radiation. New York University, New York, NY.

**February 8, 2019:** Oral Presentation- Intrabeam for Abdomen and Pelvis, TARGIT Collaborative Group Annual Meeting, Orlando, Florida.

**February 14, 2019:** Oral Presentation- Stage I-II Endometrial Cancer, ACRO 24th Annual kukuna-o-ka-la Radiation Oncology Conference, Kona, Hawaii.

**February 14, 2019:** Oral Presentation- Locally Advanced Endometrial Cancer, ACRO 24<sup>th</sup> Annual kukuna-o-ka-la Radiation Oncology Conference, Kona, Hawaii.

**February 14, 2019:** Oral Presentation – Brachytherapy, ACRO 24<sup>th</sup> Annual kukuna-o-ka-la Radiation Oncology Conference, Kona, Hawaii.

**February 14, 2019:** Oral Presentation – Cervical Cancer, ACRO 24<sup>th</sup> Annual kukuna-o-ka-la Radiation Oncology Conference, Kona Hawaii.

**March 1, 2019:** Oral Presentation – Invited Lecture: Radiation's Role in Endometrial Cancer. University of Texas Southwestern, Dallas, Texas.

**May 3, 2019:** Oral Presentation – Intraoperative Radiotherapy: Updates on TARGIT, ELIOT and Xofigo, The American Society of Breast Surgeons 20<sup>th</sup> Annual Meeting, Dallas, Texas.

**May 3, 2019:** Oral Presentation – Is Post-Mastectomy Radiotherapy Really Necessary for 1-3 Positive Nodes, The American Society of Breast Surgeons 20<sup>th</sup> Annual Meeting, Dallas, Texas.

**September 26, 2019:** Oral Presentation – Gyn Brachytherapy, University of Colorado, Aurora, Colorado.

**November 3, 2019:** Oral Presentation – Is Less Becoming More in Radiation Therapy? Chicago International Breast Course: Advancing the Art of Breast Imaging, Chicago, Illinois.

**December 10, 2019:** Oral Presentation – Radiation Oncology from A to Z, Pathology Grand Rounds, Loyola University Medical Center, Maywood, Illinois.

**April 30, 2020:** Panelist, VarianVision Webinar: Changing Radiotherapy Practice Patterns in a COVID-19 World.

**May 6, 2020:** Facebook Live Discussion – Medical Discussion and Q&A: Clinical Trials. Sponsored by the Living Well Cancer Center.

**May 26, 2020:** Webinar Panelist – Cancer Care During COVID-19. Presented By Chicago Cancer Centers COVID-19 Coalition- “C5” Group of Collaborators.

**November 21, 2020:** Oral Presentation: Intraoperative Radiation Therapy. Sisters by Choice 30<sup>th</sup> Annual Breast Cancer Awareness Virtual Symposium, Atlanta, Georgia.

**March 27, 2021:** Oral Presentation: ACR Update. Ohio Radiological Society Annual Meeting, Virtual.

**March 27, 2021:** Oral Presentation: Image Guided Radiation Therapy for Gynecological Cancers. Ohio Radiological Society, Annual Meeting, Virtual.

**May 14, 2021:** Oral Presentation: SGO Abstract Review: Cervical Cancer. Chicago GYN Oncology Updates, Virtual.

**July 7, 2021:** Host: DEInRO (Diversity, Equity and Inclusion in Radiation Oncology) Recruitment in Radiation Oncology. Presented by ASTRO. Virtual.

**References Available Upon Request**