CURRICULUM VITAE

BIOGRAPHICAL

Name: **John Austin Vargo IV, MD MBA**

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Department of Radiation Oncology

300 Halket Street

Pittsburgh, PA 15213

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EDUCATION AND TRAINING

**UNDERGRADUATE:**

August 2004 to May 2007 **University of California Berkeley**

Berkeley, CA

BA Integrative Biology

High Honors Graduate 2007

July 2006 to August 2006 **Hass School of Business**

Berkeley, CA

Business for Art, Science, and Engineering

BASE Graduate 2006

**GRADUATE:**

August 2007 to May 2011 **West Virginia University School of Medicine**

Morgantown, WV

Doctor of Medicine

Graduate 2011

Alpha Omega Alpha

August 2020 to May 2023 **West Virginia University**

Morgantown, WV

Healthcare Masters in Business Administration

**POSTGRADUATE:**

July 2011 to June 2012 **West Virginia University School of Medicine**

Morgantown, WV

Transitional Year Resident

Graduate 2012

Program Director: Dr. Mary Warden

July 2012 to June 2016 **University of Pittsburgh Medical Center**

Pittsburgh, PA

Radiation Oncology Resident

Graduate 2016

Program Director: Dr. Sushil Beriwal

July 2015 to June 2016 **University of Pittsburgh Medical Center**

Pittsburgh, PA

Chief Resident, Radiation Oncology

Graduate 2016

Program Director: Dr. Sushil Beriwal

**SPECIAL TRAINING:**

2013 UPMC GammaKnife Training Course “Principles and Practice of Gamma Knife Radiosurgery, Pittsburgh, PA

2013 UPMC Stereotactic Radiosurgery and Stereotactic Ablative Radiotherapy Training Program, Pittsburgh PA

2016 St Jude Children’s Research Hospital, Pediatric Radiation Oncology Elective, Memphis TN

2018 American Board of Radiology Exam Question Writing Seminar, Tuscon AZ

2022 UPMC Physician Leadership Essentials, Pittsburgh PA

2023. Horty Springer The Complete Course for Medical Staff Leaders, Phoenix AZ

APPOINTMENTS and POSITIONS

**ACADEMIC:**

July 2016 to April 2017 **University of Pittsburgh Medical Center**

University of Pittsburgh Cancer Institute Assistant Professor University of Pittsburgh School of Medicine

May 2017 to February 2019 **West Virginia University**

Assistant Professor West Virginia University School of Medicine

West Virginia University Cancer Institute

Director of Quality and Safety for Radiation Oncology

March 2019 to present **University of Pittsburgh Medical Center**

Hillman Cancer Center of UPMC

March 2019 to May 2023 Assistant Professor University of Pittsburgh School of Medicine

March 2019 to present Assistant Medical Director, Quality Improvement

March 2019 to present Chair of Department of Radiation Oncology Quality Oversight Committee

March 2019 to present Clinical Pathway Chair Lymphoma, and Pancreas

September 2019 to June 2021 Regional Medical Director, Central Region

June 2021 to present Medical Director of Radiation Oncology, UPMC Magee Women’s Hospital

June 2021 to May 2023 Assistant Resident Program Director

June 2021 to present Clinical Pathway Chair Cervix, Endometrial, Vulva, Ovary

January 2022 to present Co-Chair of Radiation Safety Committee, UPMC Magee Women’s Hospital

May 2023 to present Associate Professor University of Pittsburgh School of Medicine

June 2023 to present Co- Residency Program Director

**NON-ACADEMIC:**

July 2016 to April 2017 Active Staff, UPMC Presbyterian Shadyside Hospital

July 2016 to April 2017 Active Staff, Children’s Hospital of Pittsburgh of UPMC

May 2017 to March 2019 Active Staff, West Virginia University Hospitals

March 2019 to present Active Staff, UPMC Presbyterian Shadyside Hospital, Magee, Mercy

McKeesport, Passavant, St. Margaret, Jefferson, East, St Clair

Certification and Licensure

**SPECIALTY CERTIFICATION:**

American Board of Radiology, Board Certification in Radiation Oncology 2017

**MEDICAL or OTHER PROFESSIONAL LICENSURE:**

Medical Physician and Surgeon, Pennsylvania Board of Medicine, Active 2016

Medical Physician and Surgeon, West Virginia Board of Medicine , Inactive 2016

Memberships in Professional and Scientific Societies

**MEMBERSHIP:**

2011 to present American Society of Radiation Oncology (ASTRO)

2012 to present American Brachytherapy Society (ABS)

2015 to present American College of Radiation Oncology (ACRO)

2016 to present Radiosurgery Society (RSS)

2016 to present Children’s Oncology Group (COG)

2017 to 2019 International Stereotactic Radiosurgery Society

2017 to 2019 West Virginia Oncology Society

Honors and Awards

**Golden Key International Honors Society** Spring 2005

Recognizing top 5% Berkeley sophomores

**The National Dean’s List** Spring 2007

Dean nomination as top .05% of US college students

**Phi Beta Kappa** Spring 2007

University of California Berkeley,

honors society for top 10% of graduates

**Gold Humanism Honors Society** West Virginia University Chapter, Spring 2010

recognition for humanism and professionalism in medicine

**1st Place Original Research West Virginia University/CAMC** Spring 2010

**2010 Research Day** “Clinical Outcomes of Three Radiation

Techniques for Brain Metastasis”

**Alpha Omega Alpha Honor Medical Society** Summer 2010

West Virginia University Chapter

**West Virginia State ACP Medical Student Jeopardy** Fall 2010

**Champion Team Member**

West Virginia University Team

**2nd Place Case Presentations WVU/CAMC 2011 Research Day** Spring 2011

“Dural Venous Sinus Thrombosis in Anaplastic Astrocytoma Following

concurrent Temozolomide and Focal Brain Radiotherapy plus Bevacizumab”

**Bert Bradford Surgery Award** Spring 2011

Outstanding performance in surgery by a senior medical student

**Young Oncologist Travel Grant Award at 93rd Meeting of the** Spring 2011

**American Radium Society (ARS) “**Molecular Class as a

Predictor of Locoregional and Distant Recurrence in the Neoadjuvant

Setting for Breast Cancer”

**WVU Department of Surgery Critical Care Award** Summer 2012.

Recognition for outstanding resident performance in critical care

**Poster Walk Award at the ASTRO 55th Annual Meeting** Fall 2013

The Role of Radiation Therapy in Primary and Radiation Induced

Angiosarcoma of the Breast: Impact on Patterns of Failure

**American College of Radiology Radiation Oncology** Winter 2014

**In-Training Examination**

Scored 100th percentile clinical

**Scientific Abstract/Travel Award at the ASTRO 56th Annual Meeting** Fall 2014

“Re-Irradiation with Stereotactic Body Radiotherapy plus Cetuximab

in Patients with Recurrent Previously-Irradiated Squamous

Cell Carcinoma of the Head and Neck: A Prospective Phase II Trial”

**RSNA Research & Education Foundation Roentgen** Summer 2015

**Resident/Fellow Research Award**

Recognition for outstanding radiologic research

**Resident Essay Travel Award at the American College of** Spring 2016

**Radiation Oncology (ACRO) 2016 Annual Meeting**

Underutilization of Radiation Therapy in Early-Stage

Marginal Zone Lymphoma Negatively Impacts Overall Survival.

**Clinical Recognition Award at the ASTRO 58th Annual Meeting**

“Alarming Rates of Omission or Inadequate Radiotherapy in Fall 2016

Extra-nodal Natural Killer

T-cell Lymphoma Nasal Type in the United States”

**Association of Residents in Radiation Oncology (ARRO)** Spring 2017

**2016-2017**

Educator of the Year Award.

**Poster Walk Award at the ASTRO 59th Annual Meeting** Fall 2017

The Impact of Surgical Modality on the Benefit of Adjuvant

Radiotherapy For Merkel Cell Carcinoma

**Association of Residents in Radiation Oncology** Spring 2020

**(ARRO) 2019-2020**

Educator of the Year Award.

**Leo H Criep, MD, Excellence in Patient Care Award 2021** Fall 2021

UPMC Hillman Cancer Center

**Pittsburgh Magazine Top Doctors** 2022, 2023, 2024

**Castle Connolly Rising Star Award** Spring 2022

**Castle Connolly Top Doctor Award** 2021, 2022, 2023, 2024

**American Board of Radiology Volunteer Service Award** Fall 2022

**University of Pittsburgh School of Medicine Carl R Furhman** Spring 2023

**Teacher of the Year**

For Outstanding Clinical Education of Medical Students

**University of Pittsburgh School of Medicine Philip Troen, MD,** Summer 2023

**Excellence in Medical Student Research Mentoring Award**

For Outstanding Mentoring Over the course of their LRP

PUBLICATIONS

**ORIGINAL PEER REVIEWED ARTICLES:**

1. Velan SS, Said N, Narasimhan K, Papan C, Bahu A, **Vargo JA**, Raylman RR, Thomas MA, Vazhaikuricji MR, Spencer RG, Always, SE. Gender Differences in Musculoskeletal Lipid Metabolism as Assessed by Localized Two Dimensional Correlation Spectroscopy. *Mag Res Insights* 2008; 2:1-6.
2. Bria C, Wegner RE, Clump DA, **Vargo JA**, Mintz AH, Heron DE, Burton SA. Fractionated Stereotactic Radiosurgery for the Treatment of Meningiomas. *J Cancer Res Ther*. 2011 Jan-Mar;7(1):52-7.
3. **Vargo JA**, Beriwal S, Ahrendt GM, Soran A,Johnson RR, McGuire K, Bhargava R. Molecular Class as a Predictor of Locoregional and Distant Recurrence in the Neoadjuvant Setting for Breast Cancer. *Oncology* 2011;80: 341-9.
4. **Vargo JA**, Plants BA, Mihailidis DN, Mallah J, Plants M, Welch CA, Clark GM, Farinash LJ, Raja P, Harmon MB, Whaley LA. Early Clinical Outcomes for 3 Radiation Techniques for Brain Metastases: Focal Versus Whole-Brain. *Pract Radiat Oncol* 2011;1:261-70.
5. **Vargo JA**, Wegner RE, Heron DE, Ferris RL, Rwigema JC, Quinn A, Gigliotti P, Kubiceck G, Burton S. Fractionated Stereotactic Body Radiation Therapy for Locally-Recurrent, Previously-Irradiated Non-Squamous Cell Cancers of the Head and Neck. *Head and Neck* 2012;34:1153-61.
6. **Vargo JA**, Heron DE, Ferris RL, Rwigema JCM, Wegner RE, Kalash R, Ohr J, Kubicek GJ, Burton S. Prospective Evaluation of Patient-Reported Quality-of-Life Outcomes following Stereotactic Body Radiotherapy ± Cetuximab for Locally-Recurrent, Previously Irradiated Head and Neck Cancer. *Radiother Oncol* 2012;104:91-5.
7. Horne ZD, Clump DA, Shah S, **Vargo JA**, Burton SA, Christie NA, Schuchert MJ, Landreneau RJ, Luketich JD, Heron DE. Pretreatment SUVmax as a Marker for Progression Free Survival in Stage I NSCLC Treated with SBRT. *Pract Radiat Oncol* 2013;3:S3-4
8. **Vargo JA,** Verma V, Kim H, Kalash R, Heron DE, Johnson R, Beriwal S. Extended (5-year) Outcomes of Accelerated Partial Breast Irradiation Using MammoSite Balloon Brachytherapy: Patterns of Failure, Patient Selection, and Dosimetric Correlates for Late Toxicity.  *Int J Radiat Oncol Biol Phys* 2014;88:285-91.
9. **Vargo JA,** Ferris RL, Clump DA, Burton SA, Heron DE. Stereotactic Body Radiotherapy ± Cetuximab as Primary Treatment for Elderly Patients with Medically-Inoperable Head and Neck Cancer. *Front Oncol* 2014;4:214.
10. **Vargo JA,** Heron DE, Ferris RL, Rwigema JC, Kalash R, Wegner RE, Ohr J, Burton S. [Examining Tumor Control and Toxicity After Stereotactic Body Radiotherapy in Locally Recurrent Previously-Irradiated Head and Neck Cancers: Implications of Treatment Duration and Tumor Volume.](http://www.ncbi.nlm.nih.gov/pubmed/24038398) *Head and Neck* 2014;36:1349-55.
11. Horne ZD, Clump DA, **Vargo JA**, Shah S, Beriwal S, Burton SA, Quinn AE, Schuchert MJ, Landreneau RJ, Christie NA, Luketich JD, Heron DE. [Pretreatment SUVmax Predicts Progression-Free Survival in Early-Stage Non-Small Cell Lung Cancer Treated with Stereotactic Body Radiation Therapy.](http://www.ncbi.nlm.nih.gov/pubmed/24479954) *Radiat Oncol* 2014;9:41.
12. **Vargo JA,** Kubicek GJ, Ferris RL, Duvvuri U, Johnson J, Ohr J, Clump DA, Burton S, Heron DE. Adjuvant Stereotactic Body Radiotherapy ± Cetuximab Following Salvage Surgery in Previously-Irradiated Head-and-Neck Cancer. *Laryngoscope* 2014;124:1579-84.
13. Davis KS, **Vargo JA**, Ferris RL, Burton SA, Ohr JP, Clump DA, Heron DE. Stereotactic Body Radiotherapy for Recurrent Oropharyngeal Cancer - Influence of HPV Status and Smoking History. *Oral Oncol* 2014;50:1104-8.
14. **Vargo JA**, Boisen MM, Comerci JT, Kim H, Houser C, Sukumvanich P, Olawaiye A, Kelley JC, Edwards RP, Huang M, Courtney-Brooks M, Beriwal S. Neoadjuvant Radiotherapy ± Chemotherapy followed by Extrafascial Hysterectomy for Locally Advanced Endometrial Cancer Clinically Extending to the Cervix or Parametria. *Gynecol Oncol* 2014;135:190-5.
15. **Vargo JA**, Kim H, Houser C, Berhane H, Sukumvanich P, Olawaiye A, Kelley JL, Edwards RP, Krivak TC, Comerci J, Huang M, Courtney-Brooks M, Beriwal S. Definitive Salvage for Vaginal Recurrence of Endometrial Cancer: The Impact of Modern Intensity-Modulated-Radiotherapy with Image-Based HDR Brachytherapy and the Interplay of the PORTEC 1 Risk Stratification. *Radiother Oncol* 2014;113:126-31.
16. **Vargo JA**, Kim H, Choi S, Sukumvanich P, Olawaiye AB, Kelley JL, Edwards RP, Comerci JT, Beriwal S. Extended Field IMRT with Concomitant Boost for Lymph Node Positive Cervical Cancer: Analysis of Regional Control and Recurrence Patterns in the PET/CT era. *Int J Radiat Oncol Biol Phys* 2014;90:1091-8.
17. **Vargo JA**, Kim H, Houser C, Sukumvanich P, Olawaiye A, Kelley JL, Edwards RP, Comerci JT, Huang M, Courtney-Brooks M, Beriwal S. Image-based Multichannel Vaginal Cylinder Brachytherapy for Vaginal Cancers. *Brachytherapy* 2015;14:9-15.
18. Soran O, **Vargo JA**, Polat AV, Soran A, Sumkin J, Beriwal S. No Association between Left Breast Radiation Therapy or Breast Arterial Calcification and Long-term Cardiac Events in Patients with Breast Cancer. *Journal of Women’s Health*2014;23:1005-11.
19. Rwigema JCM, Nguyen D, Heron DE, Chen AM, Lee P, **Vargo JA**, Low DA, Huq S, Steinberg ML, Kupelian P, Sheng K. 4π Noncoplanar Stereotactic Body Radiation Therapy for Head and Neck Cancers – Improved Local Control and Late Toxicities. *Int J Radiat Oncol Biol Phys* 2015;91:401-9.
20. **Vargo JA**, FerrisRL, OhrJ, ClumpDA, DavisKS, Duvvuri U, Kim S, JohnsonJT, Bauman JE, GibsonMK, BranstetterBF, Heron DE. A Prospective Phase II Trial of Re-irradiation with Stereotactic Body Radiotherapy plus Cetuximab in Patients with Recurrent Previously-Irradiated Squamous Cell Carcinoma of the Head and Neck. *Int J Radiat Oncol Biol Phys* 2015;91:480-8.
21. Ling D**, Vargo JA,** Wegner RE, Flickinger JC, Burton SA, Engh J, Amankulor N, Heron DE.  Post-Operative Stereotactic Radiosurgery to the Resection Cavity for Large Brain Metastases: Clinical Outcomes, Predictors of Intracranial Failure, and Implications for Optimal Patient Selection. *Neurosurg* 2015;76;150-7.
22. **Vargo JA**, Gill BS, Balasubramani GK, Beriwal S. What is the Optimal Management of Early-Stage Low-Grade Follicular Lymphoma in the Modern Era? *Cancer* 2015;121:3325-34.
23. Gill BS, **Vargo JA**, Balasubramani GK, Beriwal S. Management Trends and Outcomes for Stage I-II Mantle Cell Lymphoma Using the National Cancer Data Base: Ascertaining the Ideal Treatment Paradigm. *Int J Radiat Oncol Biol Phys* 2015;93:668-76.
24. **Vargo JA**, Gill BS, Balasubramani GK, Beriwal S. Treatment Selection and Survival Outcomes in Early-Stage Diffuse Large B-Cell Lymphoma: Do We Still Need Consolidative Radiotherapy? *J of Clin Oncol* 2015;33:3710-7.
25. Glaser SM, **Vargo JA**, Balasubramani GK, Beriwal S. Surveillance and Radiation Therapy for Stage I Seminoma – Have We Learned From the Evidence. *Int J Radiat Oncol Biol Phys* 2016;94:75-84.
26. Ling D, **Vargo JA**, Balasubramani GK, Beriwal S. Underutilization of Radiation Therapy in Early-Stage Marginal Zone Lymphoma Negatively Impacts Overall Survival. *Pract Radiat Oncol* 2016;6:e97-105.
27. Horne ZD, Glaser SM, **Vargo JA**, Ferris RL, Balasubramani GK, Clump DA, Heron DE, Beriwal S. Validation of Proposed HPV Risk-Adapted Staging According to AJCC/UICC TNM Criteria for Positive Oropharyngeal Carcinomas. *Cancer* 2016;122:2021-30.
28. Ghareeb ER, Dulmage BO, **Vargo JA**, Balasubramani GK, Beriwal S. Underutilization of Mohs Micrographic Surgery for Less Common Cutaneous Malignancies in the United States. *Derm Surg* 2016;42:653-62.
29. Glaser SM, **Vargo JA**, Balasubramani GK, Beriwal S. Stage II Seminoma: Patterns of Care and Survival by Treatment Strategy. *Clin Oncol* 2016;28:513-21.
30. Ling DC, **Vargo JA**, Ferris RL, Ohr J, Clump DA, Yau WYW, Duvvuri U, Kim S, Johnson JT, Bauman JE, Branstetter BF, Heron DE. Risk of Severe Toxicity Based on Site of Recurrence in Patients Treated with Stereotactic Body Radiation Therapy for Recurrent Head and Neck Cancer. *Int J Radiat Oncol Biol Phys* 2016;95:973-80.
31. Ghareeb ER, Bhargava R, **Vargo JA**, Florea A, Beriwal S. Primary and Radiation Induced Breast Angiosarcooma: Clinicopathological Predictors of Outcomes and the Impact of Adjuvant Radiation Therapy. *Am J Clin Oncol* 2016; 39:463-7.
32. Karam I, Yoa M, Heron DE, Poon I, Koyfman S, Yom SS, Sidiqui F, Lartigau E, Cengiz M, Yamazaki H, Hara W, Phan J, **Vargo JA**, Lee V, Foote RL, Harter KW, Lee NY, Shgal A, Lo SS. Consensus Statement from the International Stereotactic Body Radiotherapy Consortium for Head and Neck Carcinoma – Patient Selection and Pre- and Post-SBRT Evaluation. *Future Oncol* 2017;13:603-13.
33. **Vargo JA**, Patel A, Glaser SM, Farrah R, Marks SM, Balasubramani GK, Beriwal S. The Impact of Omission or Inadequate Dosing of Radiotherapy in Extra-nodal Natural Killer T-cell Lymphoma Nasal Type in the United States. *Cancer* 2017;123:3176-85.
34. **Vargo JA**, Ward MC, Caudell JJ, Riaz N, Dunlap NE, Isrow D, Zakem SJ, Dault J, Awan MJ, Higgins KA, Beitler JJ, Yao M, Machtay M, Siddiqui F, Trotti AM, Lee NY, Koyfman SA, Heron DE. A Multi-Institution Comparison of SBRT and IMRT for Re-Irradiation of Head and Neck Cancer. *Int J Radiat Oncol Biol Phys* 2018;100:595-605.
35. Ward MC, Riaz N, Caudell JJ, Dunlap NE, Isrow D, Zakem SJ, Dault J, Awan MJ, **Vargo JA**, Heron DE, Higgins KA, Beitler JJ, Yao M, Machtay M, Siddiqui F, Trotti AM, Lee NY, Koyfman SA. Refining Patient Selection for ReIrradiation for Head and Neck Squamous Carcinoma in the IMRT Era: A Multi-Institution Cohort Study by the MIRI Collaborative. *Int J Radiat Oncol Biol Phys* 2018;100:586-594.
36. BoisenMM, **VargoJA**, BeriwalS, SukumvanichP, OlawaiyeAB, Kelley JL, EdwardsRP, HuangM, Courtney-BrooksMB, ComerciJT. Surgical Outcomes of Patients Undergoing Extrafascial Hysterectomy Following Neoadjuvant Radiotherapy with or without chemotherapy for Locally Advanced Endometrial Cancer Clinically Extending to the Cervix or Parametria. *Int J Gynecol Cancer*  2017;27:1149-54.
37. Ocuin LM, Miller-Ocuin JL, Zenati MS, **Vargo JA**, Singhi AD, Burton SA, Bahary N, Barlett DL, Hogg ME, Zeh HJ, Zureikat AH. A Margin Distance Analysis of the Impact of Adjuvant Chemoradiation on Survival after Pancreatoduodenectomy for Pancreatic Adenocarcinoma. *Journal of Gastrointestinal Oncology* 2017;8:696-704.
38. Dohopolski MJ, Glaser SM, **Vargo JA**, Balasubramani GK, Beriwal S. Stereotactic Body for Locally-Advanced Unresectable Pancreatic Cancer – Patterns of Care and Overall Survival. *Journal of Gastrointestinal Oncology* 2017;8:766-77.
39. Caudell JJ, Ward MC, Riaz N, Zakem SJ, Awan MJ, Dunlap NE, Derek Isrow, Hassanzadeh C, **Vargo JA**, Heron DE, Marcrom S, Boggs DH, Reddy CA, Dault J, Bonner JA, Higgins JA, Beitler JJ, Koyfman SA, Machtay M, Yao M, Trotti AM, Siddiqui F, Lee NY. Volume, Dose, and Fractionation Considerations, for IMRT-based Re-irradiation in Head and Neck Cancer: A Multi-Institutional Analysis. *Int J Radiat Oncol Biol Phys* 2018;100:606-17.
40. Gebhardt BJ, **Vargo JA**, Ling DC, Jones B, Mohney M, Clump DA, Ohr JP, Ferris RL, Heron DE. Carotid Dosimetry and the Risk of Carotid Blowout Syndrome Following Re-irradiation with Head and Neck Stereotactic Body Radiation Therapy. *Int J Radiat Oncol Biol Phys* 2018;101:195-200.
41. Ling DC, Flickinger JC, Burton SA, Heron DE, Quinn AE, Bejjani GK, Engh JA, Gerszten PC, Amankulor NA, **Vargo JA**. Long-term Outcomes After Stereotactic Radiosurgery for Spine Metastasis: Radiation Dose-Response for Late Toxicity. *Int J Radiat Oncol Biol Phys* 2018;101:602-9.
42. Kim H, **Vargo JA,** Beriwal S, Clump DA, Ohr JP, Ferris RL, Heron DE Huq MS, Simth KJ. Cost Effectiveness Analysis of Salvage Therapies in Locally Recurrent Previously-Irradiated Head and Neck Cancer. *Head and Neck* 2018;40:1743-51.
43. Chen BS, Glaser GM, Garda AE, **Vargo JA**, Huq MS, Heron DE, Beriwal S. Utilizing Clinical Pathways and Web-Based Conference to Improve Quality of Care in a Large Integrated Network Using Breast Cancer Radiation Therapy as the Model. *Radiat Oncol* 2018;13:44.
44. Golden DW, Kauffman GE, McKillip RP, Farnan JM, Schwartz A, [Hirsch AE](https://www.ncbi.nlm.nih.gov/pubmed/?term=Hirsch%20AE), [Warren LE](https://www.ncbi.nlm.nih.gov/pubmed/?term=Warren%20LE), [Spektor A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Spektor%20A), [Rudra S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Rudra%20S), [Jimenez RB](https://www.ncbi.nlm.nih.gov/pubmed/?term=Jimenez%20RB), [Colbert LE](https://www.ncbi.nlm.nih.gov/pubmed/?term=Colbert%20LE), [Gunther JR](https://www.ncbi.nlm.nih.gov/pubmed/?term=Gunther%20JR), [Das P](https://www.ncbi.nlm.nih.gov/pubmed/?term=Das%20P), [Wu AJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wu%20AJ), [Du K](https://www.ncbi.nlm.nih.gov/pubmed/?term=Du%20K), [Kruser TJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kruser%20TJ), [Nabavizadeh N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Nabavizadeh%20N), [Thomas CR Jr](https://www.ncbi.nlm.nih.gov/pubmed/?term=Thomas%20CR%20Jr), [Hara W](https://www.ncbi.nlm.nih.gov/pubmed/?term=Hara%20W), [McDonald A](https://www.ncbi.nlm.nih.gov/pubmed/?term=McDonald%20A), [Chang EM](https://www.ncbi.nlm.nih.gov/pubmed/?term=Chang%20EM), [Braunstein S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Braunstein%20S), [Chmura SJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Chmura%20SJ), [Amsbaugh MJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Amsbaugh%20MJ), [Yechieli R](https://www.ncbi.nlm.nih.gov/pubmed/?term=Yechieli%20R), [Takita C](https://www.ncbi.nlm.nih.gov/pubmed/?term=Takita%20C), [Dean M](https://www.ncbi.nlm.nih.gov/pubmed/?term=Dean%20M), [Asher D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Asher%20D), [Taunk NK](https://www.ncbi.nlm.nih.gov/pubmed/?term=Taunk%20NK), [**Vargo JA**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Vargo%20JA), [Beriwal S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Beriwal%20S), [Ye JC](https://www.ncbi.nlm.nih.gov/pubmed/?term=Ye%20JC), [Ballas L](https://www.ncbi.nlm.nih.gov/pubmed/?term=Ballas%20L), [Ballo MT](https://www.ncbi.nlm.nih.gov/pubmed/?term=Ballo%20MT), [Brower JV](https://www.ncbi.nlm.nih.gov/pubmed/?term=Brower%20JV), [Bradley KA](https://www.ncbi.nlm.nih.gov/pubmed/?term=Bradley%20KA), [Rao YJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Rao%20YJ), [Stahl JM](https://www.ncbi.nlm.nih.gov/pubmed/?term=Stahl%20JM), Higgins SA. Objective Evaluation of a Didactic Curriculum for the Radiation Oncology Medical Student Clerkship. *Int J Radiat Oncol Biol Phys* 2018; 101:1039-45.
45. Kalash R, Glaser GM, Flickinger JC, Burton SA, Heron DE, Gerszten PC, Engh JA, Amankulor NM, **Vargo JA**. SBRT for Benign Primary Spine Tumors: Is Dose De-Escalation Appropriate? *Journal of Neurosurgery: Spine* 2018;29:220-5.
46. Cifarelli CP, **Vargo JA**, Tenenholz T, Hack JD, Guthrie G, Carpenter JS. Gamma Knife Radiosurgery for AVMs Using a 4D Dynamic Volume CT Angiography Planning System as an Alternative to Traditional Catheter Angiogram. *Cureus* 2018;10:e2788.
47. Gogineni E, **Vargo JA**, Glaser SM, Flickinger JC, Burton SA, Engh JA, Amankulor NM, Beriwal S, Quinn AE, Ozhasoglu C, Heron DE. Long-term survivorship following stereotactic radiosurgery alone for brain metastases: risk of intracranial failure and implications for surveillance and counselling. *Neurosurg* 2018;83:203-9.
48. Gebhardt BJ, **Vargo JA**, Kim H, Houser CJ, Glaser SM, Sukumvanich P, Olawaiye AB, Kelley JL, Edward RP, Comerci JT, Courtney-Brooks M, Beriwal S. Image-based Multichannel Vaginal Cylinder Brachytherapy for the Definitive Treatment of Vaginal Cancers. *Gynecol Oncol* 2018;150:293-99.
49. **Vargo JA**, Sparks KM, Singh R, Jacobson GM, Hack JD, Cifarelli CP. Feasibility of Dose Escalation Using Intraoperative Radiotherapy Following Resection of Large Brain Metastases Compared to Post-Operative Stereotactic Radiosurgery.  *Journal of Neuro Oncol* 2018;140:413-20.
50. Ansinelli H, Singh R, Sharma D, Jenkins J, **Vargo JA**, Sharma S. Salvage Stereotactic Body Radiation Therapy (SBRT) for Locally-Recurrent Previously-Irradiated Head and Neck Squamous Cell Carcinoma: What is the Appropriate Dose? *Cureus* 2018;10:e3237.
51. Pifer P, Bice RP, Jacobson GM, Lupinacci K, Berwial S, Hazard HW, **Vargo JA**. The Lack of Consensus of International Contouring Guidelines for the Dorsal Border of the Chest Wall Clinical Target Volume: What is the Impact on Organs at Risk and Relationships to Patterns of Recurrence in the Modern-Era? *Advances in Radiat Oncol* 2019;4:35-42.
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**BOOKS, BOOK CHAPTERS AND MONOGRAPHS:**

1. Rajagopalan MS, **Vargo JA**, Engh J, Heron DE. CyberKnife Stereotactic Radiosurgery: Benign and Malignant Spinal Cord Tumors.Textbook Chapter for *CyberKnife® Stereotactic Radiosurgery: Spine*. Editors: Steven Chang and Anand Veeravagu.
2. **Vargo JA**, Flickinger JC, Heron DE, Burton SA, Ozhasoglu C, Gerszten PC.  CyberKnife Stereotactic Radiosurgery: Spine Metastases.  Textbook Chapterfor*CyberKnife® Stereotactic Radiosurgery: Spine.* Editors: Steven Chang and Anand Veeravagu.
3. **Vargo JA**, Beriwal S. Vulvar Cancer.Textbook Chapter for *Target Volume Delineation and Treatment Planning for Conformal Radiation Therapy (IMRT).* Editors: Nancy Lee, Jay Lu, and Nadeem Riaz.
4. **Vargo JA,** Viswanathan AN, Erickson BA, Beriwal S. Gynecologic Brachytherapy. Textbook Chapters for *Brachytherapy Principles and Practice: An International Perspective.* Editors: Paolo Montemaggi, Mark Trombetta, and Luther Brady.
5. Heron DE, Stenson K, Ling DC, **Vargo JA**, Wong SJ. Locoregional Recurrent or Second Primary Head and Neck Cancer: Management Strategies and Challenges. *2016 ASCO Educational Book*.

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1. **Vargo JA**, Koyfman SA, Ferris RL, Siddiqui F. Head and Neck. Textbook Chapter for *Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy*. Editors: Joseph Herman, Saiful Huq, and Dwight E Heron.
2. **Vargo JA**, Mihai A, Engh J, Amankulor A, Burton SA. Spine. Textbook Chapter for *Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy*. Editors: Joseph Herman, Saiful Huq, and Dwight E Heron.
3. Rodriguez-Lopez J, Keller A, Dahshan B, **Vargo JA**. *Radiation-Oncology Therapy: Chapter 25 Hodgkin’s Lymphoma*. Editors: Sushil Beriwal, Saiful Huq, Scott Glaser, and Michael Boyiadzis,
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5. Keller A, Rodriguez-Lopez J, **Vargo JA**. *Radiation-Oncology Therapy: Chapter 28 Multiple Myeloma and Plasmacytoma*. Editors: Sushil Beriwal, Saiful Huq, Scott Glaser, and Michael Boyiadzis,
6. Musunuru H, **Vargo JA**, Olawaiye A, Beriwal S. *Cancers of Vulva and Vagina: 12th edition of Cancer: Principles & Practice of Oncology.* Editors:DeVita,Hellman and Rosenberg

**ABSTRACTS:**

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23. Cifarelli CP, **Vargo JA**, Hack JD, Hackney A, Kingsbury J, Clark M, Marano G. Use of Somatostatin Nuclear Imaging as a Diagnostic Adjunct in Patients Undergoing Gamma Knife Radiosurgery for Dural-Based Lesions. Poster presentation 19th *Annual International Meeting of Leksell GammaKnife Society* 2018.
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26. Cifarelli CP, Hack JD, Jacobson GM, **Vargo JA**. Feasibility of Dose Escalation Using Intraoperative Radiotherapy Following Resection of Large Brain Metastases Compared to Post-Operative Stereotactic Radiosurgery. Snap oral presentation at *American Brachytherapy Society* 2018 and oral presentation *International Society of Intraoperative Radiation Therapy* 2018.
27. Rodriguez-Lopez JL, Burton SA, Weiss KR, McGough RL, Goodman MA, **Vargo JA**, Beriwal S, Olson AC. Adjuvant High Dose Rate Brachytherapy Combined with Vacuum-Assisted Closure for Soft Tissue Sarcomas: The University of Pittsburgh Medical Center Experience. Snap oral presentation at *American Brachytherapy Society* 2018.
28. Pifer P, Bice RP, Jacobson GM, Lupinacci K, Berwial S, Hazard HW, **Vargo JA**. The Lack of Consensus of International Contouring Guidelines for the Dorsal Border of the Chest Wall Clinical Target Volume: What is the Impact on Organs at Risk and Relationships to Patterns of Recurrence in the Modern-Era? Poster presentation *ASTRO 2018* and First place 2018 WVU Cancer Conference.
29. Vanderbilt DB, **Vargo JA**, Rupper JM. Hypoxic Gene Expression Defines Novel Tumor Subtypes in Glioblastoma. Poster presentation *ASTRO* *2018*. Poster presentation Award *West Virginia University Van Leir Resident and Student Research Symposium.*
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32. Gebhardt BJ, **Vargo JA**, Kim H, Houser CJ, Glaser SM, Sukumvanich P, Olawaiye AB, Kelley JL, Edwards RP, Comerci JT, Courtney-Brooks M, Beriwal S. Image-based Multichannel Vaginal Cylinder Brachytherapy for the Definitve Treatment of Vaginal Cancers. Poster presentation at *ASTRO 2018.*
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34. Ling DC, **Vargo JA**, Gebhardt BJ, Grimm RJ, Clump DA, Ferris RL, Ohr JP, Heron DE. Dose Response Modeling the Risk of Carotid Bleeding Events after Stereotactic Body Radiation Therapy for Previously-Irradiated Head and Neck Cancer. Poster Presentation *RSS 2019*.
35. Singh R, Ansinelli H, Jenkins J, Davis J, Sharma S, **Vargo JA**. Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy for Vestibular Schwannomas: A Comparison of Clinical Outcomes from the RSSearch Patient Registry. Poster Presentation *RSS* 2019.
36. Singh R, Ansinelli H, Jenkins J, Davis J, **Vargo JA** Sharma S. Stereotactic Body Radiation Therapy (SBRT) for Small-Cell Lung Carcinoma: A Preliminary Analysis of Clinical Outcomes from the RSSearch Patient Registry.Oral Presentation *RSS* 2019.
37. Cifarelli CP, **Vargo JA**, MacFawn I, Frisch SM. N-Cadherin (CDH2) Expression in Mesenchymal Glioblastoma Modulates Radiation Sensitivity. Poster Presentation *AACR* 2019.
38. Shaikh P, Alite F, Veli B, Emami B, **Vargo JA**, Wu MJ, Jacobson GM, Small W, Harkenrider M. Radiation Toxicity in Patients with Collagen Vascular Disease: Meta-Analyses of Case-Control Studies. Poster Presentation *ESTRO* 2019.
39. **Vargo JA**, Hack J, Singh R, Renz P, Jacobson GM, Cifarelli CP. Early Clinical Outcomes for Intraoperative Radiotherapy Following Resection of Large Brain Metastases. Poster Presentation *ABS* 2019.
40. Shinde A, Li R, Orio PF, Amini A, **Vargo JA**, Beriwal S, Vapiwala N, Glaser S. Declining Resident Exposure to Interstitial Prostate Brachytherapy: An Analysis of ACGME Case Logs from 2007-2018. Oral Presentation *ABS* 2019.
41. Li R, Shinde A, Orio PF, Amini A, **Vargo JA**, Beriwal S, Vapiwala N, Glaser S. Longitudinal analysis of resident exposure to brachytherapy in gynecologic malignancies using ACGME case logs from 2007-2018. Oral Presentation *ABS* 2019.
42. Ling DC, **Vargo JA**, Kim H, Beriwal S. Outcomes after Definitive Re-irradiation with 3D Brachytherapy with or without External Beam Radiation Therapy for Vaginal Recurrence of Endometrial Cancer. Oral Presentation *ABS* 2019.
43. Singh R, Ansinelli H, Sharma D, Jenkins J, Davis J, Sharma S, **Vargo JA**. Stereotactic Body Radiation Therapy (SBRT) for Metastatic Renal Cell Carcinoma: A Multi-Institutional Experience. Poster presentation *ASTRO* 2019.
44. Vogelius I, **Vargo JA**, Ronkers CM, Yorke ED, Kremer L, Chafe MJ, van Santen HM, Benzen SM, Constine LS, Milano MT. Hypothyroidism (HT) after Radiotherapy (RT) in Children: Initial Results of Thyroid Gland Dose-Response Relationship from the Pediatric Normal Tissue Effects in the Clinic (PENTEC) Initiative. Oral presentation *ASTRO* 2019.
45. Shaikh PM, Alite F, Pugliese N, Picardi M, **Vargo JA**. Consolidation Radiotherapy Following PET Complete Response in Early-Stage Hodgkin’s Lymphoma: A Meta-analysis. Oral presentation *ASTRO* 2019.
46. Pifer PM, Martin DJ, Bice RP, Renz PB, Beriwal S, **Vargo JA**. Retrocrural Lymph Node Positivity on PET/CT Staging in Esophageal and Gastroesophageal Junction Cancer: Implications for Radiotherapy Clinical Target Volume Design. Poster presentation *ASTRO* 2019.
47. Iheagwara UK, **Vargo JA**, Boisen MM, Taylor SE, Berger JL, Comerci JT, Orr B, Sukumvanich P, Olawaiye AB, Kelley JL, Edwards RP, Courtney-Brooks M, Beriwal S. Regional Control Rate and Dose-Response for Chemoradiotherapy for Locally-Advanced Endometrial Cancer. Oral presentation *ASTRO* 2019.
48. Richman AH, Ling DC, **Vargo JA**, Sukumvanich P, Berger JL, Boisen MM, Edwards RP, Taylor SE, Courtney-Brooks MB, Olawaiye AB, Orr BC, Beriwal S.Dose-Escalated Intensity Modulated Radiation Therapy in Patients with Locally Advanced Vulvar Cancer- Does It Increase Response Rate?Poster presentation *ASTRO* 2019.
49. Keller A, Ling DC, **Vargo JA**, Sukumvanich P, Berger JL, Boisen MM, Edwards RP, Taylor SE, Courtney-Brooks MB, Orr BC, Olawaiye AB, Beriwal S. Adjuvant Bone-Marrow Sparing IMRT with Endometrial Cancer Patients Treated with Sequential Chemotherapy- Does it Help with Completion Rate? Poster presentation *ASTRO* 2019.
50. Cifarelli CP, **Vargo JA**, Hack J, Kahl KH, Brehmer S, Sarria-Vargas G, Giodano FA. Retrospective Outcome Analysis of Intraoperative Radiotherapy (IORT) for Surgically Resected Brain Metastases: An International Cooperative Study. Poster presentation *SNO* 2019.
51. Shaikh MP, Bakalov V, **Vargo JA**, Alite F, Wu M, Jacobson GM. Prophylaxis for Bliclutamide-Induced Gynecomastia: A Network Meta-Analysis. Poster presentation *ISPOR Europe* 2019.
52. Ling DC, Kim H, **Vargo JA**, Beriwal S, Smith KJ. Cost-effectiveness Analysis of Upfront SBRT for Oligometastatic Stage IV Non-Small Cell Lung Cancer. Oral Presentation *Frontiers of Radiosurgery International Meeting* 2019.
53. Ansinelli H, Singh R, Sharma D, Sharma S, Jenkins J, Davis J, **Vargo JA**. Clinical Outcomes of Stereotactic Body Radiation Therapy (SBRT) for Metastases from Gynecologic Primary Malignancies: Results from a Multi-Institutional Patient Registry. Poster Presentation *RSS*  2020.
54. Li R, Germino E, Chen YJ, Horne ZD, **Vargo JA**, Glaser S.Receipt of external beam radiation and brachytherapy boost at different facilities associated with increased treatment delays in cervical cancer. Oral Presentation *ABS* 2020.
55. Beriwal S, Schad M, Patel A, Glaser S, Balasubramani G, Showalter T, **Vargo JA**. Declining Brachytherapy Utilization for Cervical Cancer Patients – Have We Reversed the Trend? Oral Presentation *ABS* 2020.
56. Ling DC, **Vargo JA**, Grimm RJ, Gebhardt BJ, Clump DA, Ferris RL, Ohr JP, Heron DE. Dose-Response Model for Severe Late Laryngeal Toxicity after Stereotactic Body Radiation Therapy for Previously-Irradiated Head and Neck Cancer. Oral Presentation and Travel Grant *ARS* 2020.
57. Singh R, Ansinelli H, Jenkins J, Davis J, Sharma S, **Vargo JA**. A Multi-Institutional Analysis of Outcomes following Stereotactic Body Radiation Therapy (SBRT) for Management of Metastases from Squamous Cell Carcinomas of the Head and Neck. Poster Presentation *ASTRO* 2020.
58. Shaikh MP, Pugliese N, Alite F, Picardi M, **Vargo JA**. A Pooled Analysis of Differences in Salvage Therapy for Early-Stage Hodgkin’s Lymphoma with PET Directed Omission of Radiotherapy. Oral Presentation *ASTRO* 2020.
59. Ling DC, Thomas J, **Vargo JA**, Orr BC, Sukumvanich P, Berger JL, Boisen MM, Edwards R, Taylor SE, Courtney-Brooks MB, Olawaiye A, Beriwal S. PET-CT Directed IMRT-based Chemoradiation for Locally Advanced Vulvar Cancer – Analysis of Regional Recurrence Patterns. Poster Presentation *ASTRO* 2020.
60. Iheagwara UK, Quinn AE, Johnson BA, **Vargo JA**, Burton SA. Endobronchial HDR Brachytherapy for Post-Transplant or Wegener’s Granulomatosis Associated Bronchial Stenosis. Poster Presentation *ASTRO* 2020
61. Kim H, **Vargo JA**, Smith KJ, Beriwal S. Cost-Effectiveness Analysis of Biologic Signature DCISionRT for DCIS. Poster Presentation *ASTRO* 2020.
62. Richman AH, Patel AK, Rodriguez-Lopez JL, **Vargo JA**, Kim H, Sukumvanich P, Berger JL, Boisen MM, Edwards R, Taylor S, Courtney-Brooks MB, Olawaiye A, Orr BC, Lesnock JL, Beriwal S. Do Air Gaps with Image-Guided Vaginal Cuff Brachytherapy Impact Failure Rates in High Intermediate Risk FIGO Stage I Endometrial Cancer Patients? Poster Presentation *ASTRO* 2020.
63. Pifer PM, Bhargave R, Patel AK, Lig DC, Orr B, Sukumvanich P, Courtney-Brooks M, Boisen M, Berger J, Taylor S, Olawaiye A, Comerci J, **Vargo JA**, Lesnock J, Beriwal S. Is the Risk of Substantial LVSI Similar to PORTEC in North American Population – A Single Institution Study? Oral Presentation *ASTRO* 2020.
64. Singh R, Jenkins J, Davis J, **Vargo JA**, Sharma S. Stereotactic Body Radiation Therapy (SBRT) for Spinal Osseous Metastatic Disease: Clinical Outcomes from the RSSearch Patient Registry. Poster Presentation ASTRO 2021.
65. Taylor SE, Beumer JH, Normolle D, Huang M, Berwial S, **Vargo JA**, Staniszewski E, Yacobucci A, Urban J, Lunn KE, Cu E, Kunos C. Phase I Dose-Escalation Bioavailability Study of Oral Triapine in Combination with Concurrent Chemoradiation for Locally Advanced Cervical Cancer (LACC) and Vaginal Cancer. Poster Presentation SGO 2021.
66. Rives TA, Orellana TJ, Mumford BS, Sukumvanich P, Conger J, Berger J, **Vargo JA**, Beriwal S, Courtney-Brooks MB, Lesnock JL, Orr B, Taylor SE. The Role of Obesity in Treatment Planning for Early-Stage Cervical Cancer. Poster Presentation SGO 2021.
67. Kim H, Richman AH, Smith KJ, Shaikh PM, Berwial S, **Vargo JA**. Is Radiotherapy Cost-Effective in the PET-era for Early-Stage Hodgkin’s Lymphoma with Alternative Payment Models? Oral Presentation *ACRO*  2021 and ACRO New Practitioner Seed Grant Award Winner.
68. Orellana TJ, Berger J, Boisen M, Buckanovich RJ, Coffman LG, Courtney-Brooks M, Edwards RP, Mahdi H, Olawaiye A, Sukumvanich P, **Vargo JA**, Bhargava R, Beriwal S, Taylor SE, Smith K, Lesnock J. Cost-Effectiveness Analysis of p53 IHC Testing in Stage I and II High-Risk Endometrial Cancer. Poster Presentation ASCO 2021.
69. Mulherkar R, Keller A, Houser C, Kim H, **Vargo JA**, Beriwal S. Institutional Experience of 3D MRI based HDR Brachytherapy with hybrid Multichannel Vaginal Cylinder Applicator and Freehand Needles for Treatment of Vaginal Disease. Poster presentation *ABS* 2021.
70. Keller A, Richman AH, Musunuru HB, Kim H, **Vargo JA**, Beriwal S. Methodology and Efficacy of Weekly SA-CME Web-Based Radiation Oncology Educational Conference in a Large Integrated Cancer Network. Oral presentation ROECSG Spring Symposium 2021.
71. Richman AH, Schad MD, **Vargo JA**, Diego EJ, McAuliffe PF, Johnson RR, Steiman J, Keenan DM, Lee JS, Beriwal S. Dosimetric and Acute Toxicity Analysis with Hypofractioned Regional Nodal Irradiation for Breast Cancer. Poster presentation to *ARS* 2021.
72. Pifer PM, Jaishankar S, Bhargave R, Keller A, Musunuru HB Patel AK , Sukumvanich P, Courtney-Brooks M, Boisen M, Berger J, Taylor S, Olawaiye A, Lesnock J, Edwards RP, **Vargo JA**, Beriwal S. Is Substantial Lymphovascular Space Invasion Prognostic for Clinical Outcomes in Type II Endometrial Cancer? Oral presentation *ARS* 2021.
73. Kim H, Keller A, Beriwal S, Smith KJ, **Vargo JA**. Cost-Effectiveness of Prophylactic Cranial Irradiation versus MRI Surveillance for Extensive Stage Small Cell Lung Cancer. Poster presentation *ASTRO* 2021.
74. Singh R, Jenkins J, Davis J, **Vargo JA**, Sharma S. Stereotactic Body Radiation Therapy (SBRT) for Spinal Osseous Metastatic Disease: Clinical Outcomes from the RSSearch Patient Registry. Poster presentation *ASTRO* 2021.
75. Pifer PM, Ferris RL, Clump DA, Bransetter B, Duvvuri U, Kim S, Johnson JT, Zanberg D, Snyderman CH, Burton SA, Wang H, Heron DE, **Vargo JA**. A Prospective, Randomized Phase II Study of Surgery with or without Adjuvant Stereotactic Body Radiotherapy (SBRT) in Patients with Previously-Irradiated Head and Neck Cancer. Poster presentation *RSS* 2022.
76. Ertel M, Richman A, Beriwal S, **Vargo JA**, Lesnock. Surgical Margins after Neoadjuvant Chemoradiotherapy for Locally Advanced Vulvar Carcinoma: What is an Adequate Margin? Poster presentation *SGO* 2022.
77. Pifer PM, Jarishnkar S, Bhargava R, Keller A, Musunuru HB, Cohen M, Sukumvanich P, Courtney-Brooks M, Boisen M, Berger JL, Taylor S, Olawaiye A, Lesnock J, Edwards R, **Vargo JA**, Beriwal S. Is Substantial LVSI Prognostic in Patients with Pathologic Lymph Node-Negative Endometrial Cancer? Poster Discussion *ESTRO* 2022.
78. Shaikh PM, Khasawneh MT, **Vargo JA**. Treatment of Internal Mammary Nodes Associated with Improved Overall Survival in Breast Cancer: A Meta-Analysis. Oral Presentation *ASTRO* 2022.
79. Elgohari B, Lesnock J, Sukumvanich P, Courtney-Brooks M, Boisen M, Berger JL, Taylor S, Mhadi H, Olawaiye A, Edwards R, Beriwal S, **Vargo JA.** Can Adjuvant Chemoradiotherapy Replace Inguinal Lymph Node Dissection after a Positive Sentinel Lymph Node Biopsy? Poster Presentation *ASTRO* 2022.
80. Mulherkar R, Keller A, Houser C, Kim H, **Vargo JA**, Barry P, Beriwal S. Outcomes of 3D MRI based HDR Brachytherapy with Hybrid Multichannel Vaginal Cylinder Applicator and Freehand Needles for Treatment of Vaginal Disease**.** Poster Presentation *ASTRO* 2022.
81. Singh R, **Vargo JA**, Song S. Trends in Use and Clinical Outcomes Associated with Post-Operative Radiation Therapy for HPV-Associated Oropharyngeal Squamous Cell Carcinomas. Poster Presentation *ASTRO* 2022.
82. Kim H, Kim JO, Peskorski D, **Vargo JA**, Barry PN, Huq MS. Comparison of Dose Calculation Algorithms for Accelerated Partial Breast Intensity Modulated Radiation Therapy. Poster Presentation *ASTRO* 2022.
83. Singh R, Jenkins J, Davis J, **Vargo JA**, Sharma S. An International Multi-Institutional Analysis of Outcomes Following SBRT for Extracranial Metastases from Sarcoma Primaries. Oral Presentation and Award Winner *RSS* 2023*.*
84. Flanigan MR, Ertel M, **Vargo JA**, Boisen MM, Taylor SE, Courtney-Brooks MB, Rush SK, Sukumvanich P, Lesnock JL. The Role of Adjuvant Chemotherapy in Endometrial Cancer Following Preoperative Chemoradiation Therapy. Poster Presentation *SGO* 2023*.*
85. Patwardhan P, Elgohari BA, Skvarca LB, Jones TE, Garrett AA, O’Brein E, MacArthur EC, Elishaev E, Zhoa C, Bhargava R, Jones MW, **Vargo JA**, Soong TR. High TIM-3 Expression is an Independent Predictor of Improved Post-Radiation Therapy (RT) Clinical Outcomes of Vulvar Squamous Cell Carcinoma (SCCA). Poster Presentation *USCAP* 2023.
86. Koerner SA, Schad MD, Baher E, Richman AH, **Vargo JA**. Clinical Outcomes for Pelvic Node-Positive Vulvar Carcinoma in the PET and IMRT era: Reassessing the Stage IVb Designation. Oral Presentation to *ESMO* 2023.
87. Pifer PM, Jaishankar S, Bhargava R, Keller A, Cohen M, Sukumvainch P, Courtney-Brooks M, Boisen M, Berger JL, Taylor S, Olawaiye A, Lesnock J, Edwards R, Beriwal S, **Vargo JA**. Is mismatch repair status prognostic of clinical outcomes in patients with early stage endometrioid type endometrial cancer? Poster presentation Winter *SGO* 2023.
88. King C, Bhargava R, Barry P, **Vargo JA**, Soran A. Decision making on postmastectomy radiation therapy for patients with T3N0M0 luminal breast cancer. Poster Presentation *SSO* 2023.
89. Beumer JH, Behr S, Gallion H, **Vargo JA**, Ueland F, Mahdi H, Orr B, Girda E, Christner S, Chu E, Kunos C, Ivy PS, Taylor S. Pharmacokinetics, Bioavailability, and Pharmacodynamics of Oral Triapine. Poster Presentation AACR 2023.
90. Koerner SA, Schad MD, Baher E, Richman AH, **Vargo JA**. Patterns of Failure in Pelvic Node-positive Vulvar Carcinoma: What Is the Correct Dose and Volume for Definitive Radiotherapy? Oral Presentation *ARS* 2023.
91. Mulherkar R, Wang H, Jelenik M, Kim H, Houser C, Doraisamy E, Coffman L, Buckanovich R, Lesnock J, Gawu P, **Vargo JA**, Beriwal S, Barry P. Impact of Race and Socioeconomic Factors on Clinical Outcomes in Cervical and Endometrial Cancer Patients Treated with Brachytherapy. Poster Presentation *ASTRO 2023*
92. Elgohari B, Patwardhan P, Abdelhakiem MK, Bhargava R, Sukumvanich P, Courtney-Brooks M, Boisen M, Berger J, Taylor S, Olawaiye A, Lesnock J, Edwards R, Beriwal S, Soong TR, **Vargo JA**. Is Programmed Death Ligand (PD-L1) Expression in Vulvar Cancer Prognostic for Locoregional Control? Poster Presentation *ASTRO 2023.*
93. Foust E, Palestra B, Ertels M, Boisen M, Sukumvanich P, Kroskie Smith P, Smith RP, **Vargo JA**. Can an In Person Hands on Applicator-Based Teaching Session Improve Trainee Knowledge and Comfort with Complex Gynecologic Brachytherapy? Poster Presentation *ASTRO 2023.*
94. Cargill KR, Pifer PM, **Vargo JA**, Iheagwara U, Kim S, Kubik MW, Sridaran S, Duvvuri U, Zandberg DP, Kelly ZR, Seethal RR, Zevallos J, Ferris RL, Skinnner HD. Outcomes of Patients with Oral Cavity Squamous Cell Carcinomas Treated with Adjuvant IMRT with Perineural Invasion. Poster Presentation *ASTRO 2023*.
95. Shaikh MP, Fareed MM, Khasawneh M, Clump DA, **Vargo JA**, Alite F, Singh S, Kamali KK, Jacobson GM. Prophylaxis for Treatment-Induced Gynecomastia in Prostate Cancer Patients: A Network Meta-Analysis. Poster Presentation *ASTRO 2023*.
96. Soran A, King C, **Vargo JA**, Barry P, Bhargava R, Karanlik H, Gultekin M, Yildiz F, Soyder A, Goktepe B, Senol K, Guzel C, Sen E, Yaniay L, Dag A, Trabulus DC, Coskun A, Veliyeva H, Utkan NZ, Demirors B, Sezgin E. Post Mastectomy Radiotherapy Decision with Low Prediction of Genomic Test Scoring in pT3N0M0 Luminal Breast Cancer: Protocol MF22-02 an International Multicenter Real World Study. Poster Presentation San Antonio Breast Cancer Conference 2023.
97. Singh R, Jenkins J, Davis J,**Vargo JA**, Gogineni E, Sharma S, Stereotactic Ablative Radiation Therapy (SABR) for Extracranial Metastases from Malignant Melanoma: An International Multi-Institutional Analysis. Oral Presentation RSS 2024.
98. Ertel M, Sukumvanich P, **Vargo JA**, Lesnock JL. The Role of Adjuvant Chemotherapy in Patients who Undergo Pre-Operative Radiation in Endometrial Cancer: An NCDB Study. Poster Presentation SGO 2024.
99. Lander ME, Lesnock JL, **Vargo JA**, Taylor SE, Sukumvanich P. The Role of Adjuvant Radiation in Stage II-III Endometrial Stromal Sarcoma. Poster Presentation SGO 2024.
100. Lander ME, Lesnock JL, Berger J, **Vargo JA**, Mahdi HS, Taylor SE, Rush SK, Courtney-Brooks MB, Barry PN, Sukumvanich P. Lymph Node Dissection after Neoadjuvant Chemotherapy Improves Overall Survival in Clinical Stage III Endometrial Cancer. Poster Presenation SGO 2024.
101. Cargill KR, **Vargo JA**, Iheagwara U, Kim S, Kubik MW, Sridharan S, Duvvuri U, Zanberg DP, Kelly ZR, Seethala RR, Zevallos J, Ferris RL, Skinner HD, Mowery YM, Wilke CT. Outcomes in Patients with Oral Cavity Squamous Cell Carcinomas with Respect to Initiation of Chemotherapy and Adjuvant IMRT Timing. Poster Presentation ASTRO Head Neck 2024.
102. Elgohari B, Abdelhakiem M, Mohammed M, Steinman J, McAuliffe P, Lupinacii K, Sabih QA, Cowher MS, Soran A, Johnson RR, Diego EJ, **Vargo JA**. Long Term Outcomes Following Adjuvant Accelerated Partial Breast Radiotherapy for Early Stage Breast Cancer: Are Current Guidelines for Appropriateness Appropriate? Poster Presentation ACRO 2024 and Best Travel Grant Award Winner
103. Abdelhakiem MK, Rodriguez-Lopez X, Defoe SG, Deigo EJ, Steinman J, Evans S, Gorlantla V, Malhotra M, Francis L, **Vargo JA**. Is There Racial Bias in the Application of Short Course Adjuvant Radiotherapy for Breast Cancer that Increases the Burden of Care in African American Women Within the UPMC System? Poster presentation ACRO 2024.
104. Jaishankay S, Pifer PM, Ling DC, Diego EJ, Soran A, Steinman J, Lupinacci K, Sabih QA, Cowher MS, McAuliff P, Johnson RR, Bhargava R, **Vargo JA**. Does Mastectomy Abrogate the Elevated Risk of Local Recurrence Associated with Multifocal Regression After Neoadjuvant Chemotherap? Poster presentation ASBS 2024.
105. Mulherkar R, Ghosh S, Sukumvanich P, Boisen M, Courtney-Brooks M, Beger J, Taylor S, Olawaiye A, Lesnock J, Garrett A, Rush S, Mahdi H, Edwards R, **Vargo JA**. Template-based Interstitial Brachytherapy for Gynecologic Cancer in Patients on Antithrombotic Therapy. Poster presentation ABS 2024.
106. Zhang C, Murphy K, Alhmari H, Calcaterra M, Vera A, **Vargo JA**, De La Cruz C, Gimbel M, Nguyen V, McAuliffe PF, Parent B. Association Between Tumor To Breast Volume Ratio and Patient-Reported Outcomes After Oncoplastic Breast Conserving Surgery. Poster presentation ASPS 2024.
107. Elgohari B, Patwardhan P, Bhargava R, Sukumvanich P, Courtney-Brooks M, Boisen M, Berger J, Taylor S, Olawaiye A, Lesnock J, Edwards R, Soong TR, **Vargo JA**. Examining the Impact of Combined p53 and PD-L1 Expression on Vulvar Cancer Outcomes. Oral presentation ASTRO 2024.
108. Shaikh MP, **Vargo JA**, Fareed M, Khasawneh MT, Clump DA, Alite F, Wu MJ, Markovic N, Harkenrider MM, Jacobson GM. Hypofractionated Versus Conventionally Fractionated Radiotherapy for Prostate Cancer: A Meta-Analysis of Randomized Trials. Poster presentation ASTRO 2024.
109. Shogan J, Sukumvanich P, Boisen MM, Courtney-Brooks M, Berger JL, Taylor S, Olawaiye A, Lesnock J, Rush S, Garrett A, Mahdi H, Edwards RP, **Vargo JA**. Ovary Sparing IMRT for Locally Advanced Cervical Cancer after Laparoscopic Ovarian Transposition. Poster presentation ASTRO 2024.
110. Mulherkar R, Grimm D, Kim H, Houser CJ, Doraisamy E, Hajduk M, **Vargo JA**. Twice Daily Template-Based Interstitial Brachytherapy for Gynecologic Cancers: What is the Optimal Dose. Poster presentation ASTRO 2024.
111. Davis R, Muherkar Kim H, Albuquerke K, **Vargo** JA, Glaser S. Template Based Transperineal Interstitial Brachytherapy for Gynecologic Cancer: A Multinstitutional Analysis of 319 Patients. Poster presentation to ASTRO 2024.
112. Ghosh S, Mulherkar R, Sukumvanich P, Boisen M, Courtney-Brooks M, Berger J, Taylor S, Olawaiye A, Lesnock JL, Garett A, Rush S, Mahdi H, Comerci JT, Edwards R, **Vargo JA**.Template-Based Intersitial Brachytherapy For Gynecologic Cancer in Patients on Antithrombotic Therapy. Poster Presentation World Congress of Brachytherapy 2024.
113. Lander ME, **Vargo JA**, Li R, Goundappa B, Sukumvanich. Beyond GOG258 and PORTEC3: A National Cancer Database Analysis of Adjuvant Therapy for Improved Survival in High-Risk Endometrial Cancer. Submitted to IGSC 2024.
114. McDonald A, Bell SG, **Vargo JA**, Lesnock JL. Does Fascility Volume Improve Overall Survival in Patients with Advanced Vulvar Cancer? Submitted to SGO.

PROFESSIONAL ACTIVITIES

**TEACHING:**

**Medical Student Teaching:**

I have mentored multiple medical students who have gone on to successfully match into radiation oncology through exposure to and research in the field (see publication section for their multiple successful publications and awards) including: Zach Horne (George Washington University), Diane Ling (University of Pittsburgh), Ronny Kalash (University of Pittsburgh), Mark Farrugia (WVU), Hayden Ansinelli (Marshall), Raj Singh (Marshall), Bassem Dahshan (Marshall), Phillip Pifer (WVU), Allison Garda (University of Virginia), Michael Dohopolski (University of Pittsburgh), Michael Schad (University of Pittsburgh), Sruthi Jaishankar (University of Pittsburgh).

West Virginia School of Medicine Distinguished Teacher of the Year Nominee 2018

Mentored student Surthi Jaishankar Bert and Sally O’Malley Awards for Outstanding

Medical Student Research – University of Pittsburgh School of Medicine 2024

**Resident Teaching:**

Radiation Oncology Resident Rotations 2016 to present

ARRO Resident Educator of the Year 2017 and 2020

Lead weekly resident didactics in GYN, Breast, Lymphoma, and Skin Cancer 2019 to present

Assistant Residency Program Director 2021 to 2023

Co-Residency Program Director 2023 to present

**Fellow Teaching:**

Fellows from UPMC Pediatric Oncology Fellowship radiation oncology rotations 2016 to 2017

Fellows from WVU Hematology Oncology Fellowship radiation oncology rotations 2017 to 2019

Fellows from the UPMC Gynecologic Oncology, Breast Surgical Fellowship, 2019 to present

Surgical Oncology Fellowship annual radiation oncology rotations at UPMC Magee

**Curriculum Development/Teaching Products/Media Products:**

Educational Mini-Series on Statistics for Radiation Oncology Residents. University of Pittsburgh.

Course Director University of Pittsburgh School of Medicine:

RAD5630 Introduction to Clinical Radiation Oncology

RAD5651 Individualized Clinical Course in Radiation Oncology

RAD5826 Experimental Radiation Oncology

RAD5840 Radiation Oncology Research

RAD5901 Extramural Radiation Oncology

**RESEARCH:**

**Prospective Clinical Research Protocols**:

1. A Prospective, Randomized Phase II Study of Surgery with or without Adjuvant Stereotactic Body Radiotherapy (SBRT) in Patients with Previously-Irradiated Head and Neck Cancer. Co-Principal Investigator. *UPCI* 14-151

**Lab Experience:**

1. **University of California Berkeley, Department of Molecular and Cellular Biology**

Research assistant under the direction of Dr. Bob Buchannan. Our lab focused on re-engineering the protein lattice of sorghum, redox transitions of breast milk proteins, and a project funded by Mead-Johnson investigating the interaction of Thioredoxin and the proteins in infant formulas. Summer 2006 – June 2007

1. **West Virginia University, Center for Advanced Imaging and Department of Radiology**

Research assistant under the direction of Dr. Sendhil Velan. Our lab focused on using novel two dimensional MR spectroscopy to evaluate differences in musculoskeletal lipid metabolism. Winter 2008 – June 2009

**Grants:**

1. Foundation Grant – UPMC Shadyside Foundation 2017. **Association of Critical Organ-at-Risk Dosimetry with Complications in Head and Neck Stereotactic Body Radiation Therapy.**
2. American College of Radiation Oncology New Practitioner SEED Grant 2021. **Is Radiotherapy Cost-Effective in the PET-era for Early-Stage Hodgkin’s Lymphoma with Alternative Payment Models?**
3. Thomas H. Nimick, Jr. Competitive Research Fund Grant 2023. **Is There Racial Bias in the Application of Short Course Adjuvant Radiotherapy for Breast Cancer: That Increases the Burden of Care in African American Women within the UPMC system?**

**INVITED LECTURES:**

1. Image-Guided Image-Based Gynecologic Brachytherapy for Radiologists. *Magee Women’s Hospital of UPMC Women’s 2016 Imaging Fellowship Lecture Series*. Pittsburgh, PA.
2. Spine Metastasis and Spinal Cord Compression: A High-Technology Multidisciplinary Approach. *Oncology Hematology Associates Fall Quarterly Meeting,* Pittsburgh PA.
3. Introduction to Pediatric Radiation Oncology for Pediatric Oncology Fellows. *Children’s Hospital of Pittsburgh of UPMC Pediatric Oncology 2016 Lecture Series.* Pittsburgh PA.
4. Spine Metastasis and Spinal Cord Compression: A High-Technology Multidisciplinary Approach. *Hematology Oncology Associates Fall Quarterly Meeting,* Pittsburgh PA.
5. An Introduction to Radiation for Soft Tissue Sarcoma: A Patient Perspective to the Integral Role of Radiation Therapy in Limb Preservation.  *2016* *Sarcoma Foundation of America Pittsburgh Sarcoma Patient Education Conference “Ask The Experts,”* Pittsburgh PA.
6. Spine Stereotactic Radiosurgery: Consensus Guidelines for Target Volume Definition. *Novalis Circle Symposium* *ASTRO 2016,* Boston MA.
7. Head and Neck Oral Presentation Session Moderator. *ASTRO* 2016, Boston MA.
8. COG 2016 Fall Meeting Update: A Radiation Oncologists Perspective. *Children’s Hospital of Pittsburgh of UPMC Pediatric Oncology Grand Rounds*, Pittsburgh, PA.
9. UPMC Physician Resources Cancer Insights Winter 2016 CME. *Stereotactic Body Radiation Therapy in Head and neck Cancers*. Pittsburgh, PA.
10. UPMC Physician Resources Cancer Insights Winter 2016 CME. *Stereotactic Radiosurgery for Spine Metastases: A Multidisciplinary Approach.* Pittsburgh, PA.
11. Guest Speaker “Outside Clinic” 2017 the West Virginia University Survivors Club. Morgantown, WV.
12. WVU Neurosurgery Grand Rounds November 2017. *21st Century Management of Brain Metastases*. Morgantown, WV.
13. WVU Neurosurgery Grand Rounds February 2018. *Meningioma: A Radiation Oncology Perspective*. Morgantown, WV.
14. WVU Neurosurgery Grand Rounds March 2018. *Spinal Malignancies: A Radiation Oncologists Perspective*. Morgantown, WV.
15. WVU Neurosurgery Grand Rounds June 2018. *Gliomas: A Radiation Oncologists Perspective*. Morgantown, WV.
16. Fourth Annual West Virginia University Breast Cancer Conference 2018. *Advances in Radiation Treatment for Breast Cancer: Modern Evidence to Support Less Radiotherapy Improving Access and Lessening the Burden of Care*. Morgantown, WV.
17. West Virginia Cancer Institute Fall Conference 2018. The *Head and Neck Tumor Board*. Morgantown, WV.
18. WVU Hematology Oncology Fellowship Didactic Lectures January 2019. *Gliomas and Brain Metastases*. Morgantown, WV.
19. UPMC Breast Cancer Educational Series December 2019. *Radiation Treatment for Breast Cancer Part 1: Early Stage, APBI, DCIS, and Ongoing Trials*. Pittsburgh PA.
20. UPMC Breast Cancer Educational Series December 2019. *Radiation Treatment for Breast Cancer Part 2: Regional Nodes, Neoadjuvant Chemotherapy, and Post-Mastectomy Radiotherapy*. Pittsburgh PA.
21. University of Pittsburgh Medical Center Geriatric Breast Program Retreat January 2020. *When to Omit Radiation after Lumpectomy*. Pittsburgh PA.
22. San Antonio Breast Cancer Symposium Review February 2020. *Radiation Oncology Update: Can we do Less?* Pittsburgh PA.
23. UPMC Gynecologic Oncology Grand Rounds April 2020. *Nuts and Bolts of Radiation Oncology for Gynecologic Oncology*. Pittsburgh PA.
24. *When is Radiotherapy Effective but Underutilized: Using Big Data to Help Us Make Better Treatment Decisions in Lymphoma*. ASTRO 2020 Miami FL.
25. UPMC Breast Cancer Educational Series December 2020. *Radiation Treatment for Breast Cancer Part 1: Early Stage, APBI, DCIS, and Ongoing Trials*. Pittsburgh PA.
26. UPMC Breast Cancer Educational Series December 2020. *Radiation Treatment for Breast Cancer Part 2: Post-Mastectomy Radiotherapy – Current State of Affairs and Clinical Trials*. Pittsburgh PA.
27. San Antonio Breast Cancer Symposium Review February 2021. *Can We Better Tailor Radiotherapy to Those of Maximal Benefit?* Pittsburgh PA.
28. UPMC Tele-Town Hall: Breast Imaging and Health September 2021. Pittsburgh, PA.
29. Palliative Radiotherapy in Children with CNS Tumors (including radiosurgery) and Olgiometastases. *ASTRO* 2021 Chicago, IL.
30. UPMC Breast Cancer Symposium March 2022. *Hypofractionated Post-Mastectomy Radiotherapy – Ready for Prime Time?* Pittsburgh PA.
31. Breast Health Working Group International. *Radiation Therapy After Neoadjuvant Systemic Therapy – The Past, Present, and Future*. Virtual International Meeting September 2022.
32. University of Pittsburgh School of Medicine 2023 Deans Summer Research Program Virtual Retreat Faculty Mentor Panel. Pittsburgh PA.

**SERVICE:**

**Journal Service:**

Associate Editor *Frontiers in Oncology* – Radiation Oncology Section 2013 to Present

Reviewer *Head and Neck* 2015 to Present

Reviewer *International Journal of Radiation Oncology, Biology, and Physics* 2015 to Present

Reviewer *Oncotarget* 2015 to Present

Reviewer and Guest Editor *PLOS ONE* 2016 to Present

Editorial Board *Cancer Clinical Research Reports*  2017 to Present

Reviewer *European Journal of Dermatology* 2017 to Present

Scientific Review Committee – *Cureus* “Multiple Brain Metastases: Exceptional 2017

Responses to Stereotactic Radiosurgery” publishing competition

Reviewer *Radiotherapy and Oncology* 2017 to Present

Editorial Board *Open Journal of Breast Cancer Research* 2017 to Present

Editorial Board *SM Clinical and Medical Oncology* 2017 to Present

Reviewer *Cureus* 2017 to Present

Reviewer *Cancer* 2018 to Present

Reviewer *Journal of Contemporary Brachytherapy* 2018 to Present

Reviewer *Radiation Oncology* 2018 to Present

Associate Editor *West Virginia Medical Journal* 2018 to Present

Reviewer *Journal of Pain Research* 2018 to Present

Reviewer *Cancer Medicine* 2018 to Present

Reviewer *Brachytherapy* 2018 to Present

Reviewer *Advances in Radiation Oncology* 2019 to Present

Reviewer *Journal of Clinical Neuroscience* 2019 to Present

Reviewer *Critical Reviews in Oncology Hematology* 2020 to Present

Reviewer *Clinical and Translational Radiation Oncology* 2020 to Present

Reviewer *Leukemia and Lymphoma* 2020 to Present

**University Service:**

West Virginia University Radiology Interest Group President 2008 to 2009

West Virginia University Class of 2011 Vice-President 2009 to 2011

West Virginia University John W. Traubert Faculty Award Selection Committee 2010

West Virginia University School of Medicine Admissions Committee 2010 to 2011,

2017 to 2019

University of Pittsburgh Cancer Institute Regulatory Committee 2013 to 2014

University of Pittsburgh Cancer Institute Quality Improvement Committee 2014 to 2015,

2019 to present

University of Pittsburgh Cancer Institute Scientific Review Committee 2015 to 2017

2019 to present

University of Pittsburgh Medical Center Radiation Oncology Residency 2016 to 2017

Program Evaluation Committee 2020 to present

University of Pittsburgh Cancer Institute Data Safety Monitoring Committee 2016 to 2017

2019 to present

West Virginia University Radiation Oncology Resident Selection Committee 2017 to 2019

West Virginia University Protocol Review and Monitoring Committee 2017 to 2019

West Virginia University Faculty Senate Research Integrity Committee 2018

Judge Oral and Poster Presentation *Van Liere Research Conference* 2018

West Virginia University Radiation Oncology Residency Program Evaluation Committee 2018

UPMC Magee Women’s Hospital Radiation Safety Committee 2019 to present

University of Pittsburgh Medical Center Electronic Medical Record 2019 to present

Physician Champions Committee

University of Pittsburgh Medical Center Breast Leadership Committee 2019 to present

University of Pittsburgh Medical Center Radiation Oncology Clinical 2019 to present Competency Committee

University of Pittsburgh Medical Center Resident Selection Committee 2019 to present

University of Pittsburgh Research Protections Committee 2020 to present

UPMC Hillman D3/CTSI Advisory Board 2020 to present

UPMC Mercy Radiation Safety Committee 2020 to present

UPMC GYN ONC Leadership Committee 2021 to present

Co-Chair of the UPMC Magee Women’s Hospital Radiation Safety Committee 2021 to present

UPMC Department of Radiation Oncology Chair Search Committee 2021 to 2022

**NATIONAL AND INTERNATIONAL SERVICE:**

**American Association of Physicists in Medicine**

2013 to present Working Group on Biological Effects of SBRT

Unit 2 – Normal Tissue Complications Head and Neck

Unit 7 – Tumor Control Probability Head and Neck

Review Coordinator, Abdominal SBRT

**American Society of Radiation Oncology**

2017 to 2022 Educational Subcommittee

2018 to 2022 Advocacy Subcommittee, West Virginia State Captain

**American Board of Radiology**

2018 to present Written and Oral Board Exam Committee

**American College of Radiation Oncology**

2020 to present ACRO Accreditation Committee Reviewer Breast

2020 to present ACRO Standards Committee

**HOBBIES**

Being a father, Golf, fishing, hunting, skiing, and wakeboarding