**Malcolm D. Mattes**

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Montville, NJ 07045 617-549-9027

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| ***Education*** | Bachelors of Science in Biology, Massachusetts Institute of Technology (**MIT**)Medical Doctorate, University of California Los Angeles (**UCLA**) School of Medicine | Aug 2001–Jun 2005Aug 2005–Jun 2009 |
| ***Post-Graduate Training*** | Internship in Internal Medicine, Stanford UniversityResidency in Radiation Oncology, New York Methodist Hospital (**NYMH**) | Jul 2009–Jun 2010Jul 2010–Jun 2014 |
| ***Professional******Appointments*** | Assistant Professor in Radiation Oncology at West Virginia University (**WVU**)Associate Professor in Radiation Oncology at WVUAssociate Professor in Radiation Oncology at Rutgers University | Jul 2014–Jun 2018Jul 2018–Dec 2019Jan 2020–present |
| ***Board*** ***Certification*** | Diplomate of the American Board of Radiology (**ABR**) | May 2015–present |
| ***Licensure*** | West Virginia Board of Medicine, License No. 25810New Jersey State Board of Medical Examiners, License No. 25MA10733800 | May 2014–Jun 2021Nov 2019–present |
| ***Professional*** ***Societies*** | 1. Member, American Society for Radiation Oncology (**ASTRO**)
2. Member, American College of Radiology (**ACR**)
3. Member, American College of Radiation Oncology (**ACRO**)
4. Member, New York Roentgen Society (**NYRS**)
5. Member, American Association of Cancer Education (**AACE**)
6. Member, American Association of Cancer Research (**AACR**)
7. Member, American Society of Clinical Oncology (**ASCO**)
 | Jul 2010–presentJul 2010–presentJul 2010–Jun 2014Jul 2010–Jun 2014Jan 2014–Dec 2016Jul 2017–presentJul 2017–present |
| ***Other*** ***Courses/******Training*** | 1. ASCO Education Scholars Program
2. NIH Early Career Reviewer Program (Clinical Oncology Study Section)
3. AACR/ASCO Methods in Clinical Research Workshop
4. American Brachytherapy Society High Dose Rate Scholarship Program
5. NIH Introduction to the Principles and Practice of Clinical Research Online Course
6. WVU Teaching Scholars Program
7. Cleveland Clinic Gamma Knife Radiosurgery Course
8. AANS/ASTRO Radiosurgery Course Participant
 | May 2020-Jun 2021Oct 2018Jul 2017–Aug 2017Jul 2015Oct 2014–Mar 2015Sep 2014–Jun 2016Oct 2014Jul 2014 |
| ***Awards and*** ***Honors*** | 1. Inducted into WVU Academy of Excellence in Teaching & Learning
2. WVU Mary Babb Randolph Cancer Center Award for Innovation
3. Best Poster Presentation of Original Research, NYMH Research Day
4. Original Scientific Paper of the Year, NYMH Research Day
5. Wong Award for Original Scientific Research, ACRO Annual Meeting
6. Roentgen Resident Research Award, NYMH Radiation Oncology Department
7. Original Scientific Paper of the Year, NYMH Research Day
 | May 2017May 2016Jun 2014Jun 2013Feb 2013Jun 2013Jun 2012 |
| ***National and*** ***International*** ***Committees*** | 1. Co-Chair, ASTRO CHEDI Education Subcommittee
2. Member, ACR Patient- and Family-Centered Care Commission
3. Member, ASTRO Education Committee
4. Member, ASTRO Workforce Subcommittee
5. Member, ASTRO Committee on Health Equity/Diversity/Inclusion (CHEDI)
6. Member, ACR Education Committee
7. Member, ABR Maintenance of Certification Advisory Committee
8. Member, ABR Thoracic/Sarcoma Clinical Category Committee
9. Member, NRG Oncology Genitourinary Cancer Committee
10. Member, NRG Oncology Gastrointestinal Cancer Committee
11. Member, ASTRO Measures Committee
12. Member, ASTRO Communications Committee
13. Member, ASTRO Continuing Medical Ed./Maintenance of Cert. Committee
14. Member, ASTRO Website and Education Subcommittee Work Group
15. Member, ASTRO Education Subcommittee
16. Member, ACRO Resident Committee
17. President, MIT Chapter of Alpha Epsilon Pi
 | Apr 2020–presentApr 2020–presentSep 2019–presentSep 2017–presentMar 2017–presentJun 2017–May 2019Jan 2017–Jan 2018Jan 2017–presentJan 2016–presentSep 2016–presentSep 2015–Aug 2016Sep 2014–presentSep 2014–Aug 2019Jul 2013–Jun 2014Jul 2011–Jun 2014Jul 2011–Jun 2014Jan 2005–Sep 2005 |
| ***State*** ***Committees*** | 1. Member, West Virginia Oncology Society Board of Directors
2. Member, New York Roentgen Society Executive Committee
3. Chair, New York Roentgen Society Executive Committee
 | Jan 2019–Dec 2019Jul 2011–Jun 2014Jul 2012–Jun 2013 |
| ***Institutional*** ***Committees*** | 1. Member, NJ Medical School LCME Accreditation Medical Students Committee
2. Member, NJ Medical School Faculty Vitality Taskforce
3. Leader, WVU Genitourinary Malignancies Disease Team
4. Member, WVU Institutional Review Board
5. Chair, WVU Radiation Oncology Promotion & Tenure Committee
6. Member, WVU Cancer Center Protocol Review & Monitoring Committee
7. Faculty Advisor, WVU Oncology Interest Group
8. Member, WVU School of Medicine (**SOM**) Distinguished Teacher Committee
9. Member, WVU Commission on Cancer Committee
10. Member, WVU Faculty Senate
11. Member, WVU SOM Academic and Professional Standards Committee
12. Member, WVU Cancer Center Data Safety and Toxicity Committee
 | Mar 2020–presentJan 2020–presentSep 2018–Jan 2019Jul 2018– Jan 2019Jul 2018– Jan 2019Oct 2017– Jan 2019Jul 2017– Jan 2019Jul 2017– Jun 2019Jan 2017– Jun 2019Aug 2016–Jun 2017Jul 2015– Jun 2019Dec 2014–Apr 2018 |
| ***Undergraduate*** ***Medical*** ***Education*** | 1. Director, *Radiation Oncology* clerkship for 3rd and 4th year New Jersey Medical School students
2. Initial Developer and Director, *Multidisciplinary Clinical Oncology* clerkship for 4th year WVU medical students
3. Initial Developer and Coordinator, *Tumor Board Shadowing Experience* for 1st and 2nd year WVU medical students
4. Director, *Radiation Oncology* clerkship for 3rd and 4th year WVU medical students
5. Small Group Instructor, *Medical Ethics* course for 2nd year WVU medical students
6. Instructor, *Introduction to Radiation Therapy and Clinical Oncology* lecture for 3rd year medical students during each required Surgery clerkship
7. Research Mentor, numerous medical students and undergraduate pre-medical students, including four 1st – 2nd year medical students as part of the yearly summer Initiation to Research Opportunities (**INTRO**) program.
8. Aquifer online clinical learning module contributor, co-author of *Radiology Case 19: Oncology*
9. Instructor, variety of didactics for WVU radiation therapy technician program
 | Jan 2020–presentJan 2018–Dec 2019Sep 2015–Dec 2019Jan 2015–Dec 2019Jan 2015–Mar 2017Jan 2015–Jan 2018Sep 2014–Jan 2019Sep 2014–Jul 2015Aug 2014–Jan 2019 |
| ***Graduate*** ***Medical*** ***Education*** | 1. *Workup and Management of Spinal Cord Compression* quality improvement project and presentation for WVU internal medicine, emergency medicine, medical oncology, neurosurgery, orthopedics, and radiation oncology residents/fellows
2. Multiple thoracic and genitourinary malignancies lectures for WVU radiation oncology residents
3. *Principles of Radiation Therapy for Orthopedic Malignancies* lecture for WVU Orthopedics residents and faculty
4. *Management of Muscle-Invasive Bladder Cancer* lecture for WVU Urology residents and faculty.
5. *Management of Benign CNS Tumors* lecture for WVU Neurosurgery residents and faculty.
6. *Radiation Therapy for Dermatologic Malignancies* lecture for WVU Dermatology residents and faculty.
7. *Management of Pediatric CNS Tumors* lecture for WVU Neurosurgery residents and faculty.
8. Multiplethoracic and genitourinary malignancies lectures for WVU medical oncology fellows.
9. *Organ Preservation in Oncology* lecture for WVU internal medicine residents
10. ASTRO educational resources webpage contributor, Soft Tissue Sarcoma ARROcase and several ARRO Image Challenge cases
11. NYRS Monthly Meeting Presenter for radiation oncology residents
 | Jun 2018–Sep 2018Jul 2017–Dec 2019Dec 2016Jul 2016Jan 2016Dec 2015Sep 2015Feb 2015–Dec 2019Oct 2014Jul 2013–Jun 2014Jul 2012–Jun 2013 |
| ***Graduate*** ***Student*** ***Education*** | 1. Member, PhD Dissertation Committee for Gina Sizemore, Cancer Cell Biology Graduate Program
2. Member, PhD Dissertation Committee for Hannah Wilson, Cancer Cell Biology Graduate Program
3. Course Director, CCB702 Cancer Pharmacology & Therapeutics, Cancer Cell Biology Graduate Program
4. Small Group Instructor, CCB700 Special Topics in Cancer Cell Biology
5. Member, PhD Dissertation Committee for Ryan Fiano, Department of Pharmaceutical Systems and Policy
6. Member, PhD Dissertation Committee for Ishveen Chopra, Department of Pharmaceutical Systems and Policy
7. Lecturer, *Introduction to Radiation Therapy,* CCB702 Cancer Pharmacology & Therapeutics course
8. Member, PhD Dissertation Committee for Amitkumar Raval, Department of Pharmaceutical Systems and Policy
 | Mar 2019–presentJan 2019–May 2020Jan 2019–May 2019Oct 2018Jul 2018–presentOct 2015–Jun 2016Apr 2015, Apr 2017Nov 2014–Aug2015 |
| ***Courses/******Workshops*** ***Directed*** | 1. Conference Planning Committee for WVU Cancer Institute Annual Meeting
2. Conference Planning Committee for WVU Lung Cancer Conference
3. Conference Planning Committee Leader for NYRS Annual Meeting
 | Oct 2018Nov 2017 & 2018Oct 2012 |
| ***Other Invited*** ***Lectures and*** ***Presentations*** | 1. *A Roadmap for Recruiting Medical Students into Radiation Oncology During a Period of Waning Interest,* ASTRO Annual Meeting, Miami, FL
2. *Overcoming Barriers to Radiation Oncology Access in Low-Resource Environments,* ASTRO Annual Meeting, Miami, FL
3. *ASTRO/NCI Symposium: Pathways for Recruiting and Retaining Women and Under-represented Minority Clinicians and Physician Scientists Into the Radiation Oncology Workforce,* ASTRO Annual Meeting, Chicago, IL
4. *Importance of Investigator-Initiated Clinical Research to the WVU Cancer Institute and Its Patients,* WVU Cancer Center Gala, White Sulphur Springs, WV
5. *The Role of Local Consolidative Radiation Therapy in the Management of Oligometastatic Cancers,* West Virginia Oncology Society Annual Meeting, Roanoke, WV
6. *Grant Reviewer Workshop* Panelist, West Virginia Clinical and Translational Science Institute (**WVCTSI**) Annual Meeting, White Sulphur Springs, WV
7. *Overview of Lung Cancer Management,* WVU Lung Cancer Conference, Morgantown, WV
8. *Can Radiotherapy To One Site of Disease Potentiate A Systemic Immune Response?* WVU Cancer Institute (**WVUCI**) Annual Meeting, Morgantown, WV
9. *Integration of Surgery and Radiation Therapy in the Management of Spinal Metastases,* WVU Spine Conference, Morgantown, WV
10. *Can Radiotherapy To One Site of Disease Potentiate A Systemic Immune Response?* WVUCI Science Exchange, Morgantown, WV
11. *Panel* *Discussion with WVCTSI Scholars,* WVU Faculty Engagement Event, Morgantown, WV
12. *Lung Cancer Radiotherapy: Indications, Outcomes, and Impact on Survivorship Care,* WVU Lung Cancer Conference, Morgantown, WV
13. *Lung Cancer Radiotherapy: Indications, Outcomes, and Impact on Survivorship Care,* American Lung Association Lung Force Expo, Charleston, WV
14. *Combined Radiation Therapy and Checkpoint Inhibitor Immune Therapy to Potentiate the Systemic Immune Response in Lung Cancer*, WVU Lung Cancer Disease Team Meeting, Morgantown, WV
15. *STEM Career Day* Panelist,WVU Upward Bound Program, Morgantown, WV
16. *How to Publish: Tips and Tricks from an Amateur Scientist,* WVU INTRO Program, Morgantown, WV
17. *Radiation Oncology as a Career*, WVU Oncology Interest Group
18. *Advances in Stereotactic Body Radiation Therapy for Primary and Metastatic Cancers*, West Virginia Oncology Society Annual Meeting, Morgantown, WV
19. *Advances in Stereotactic Body Radiation Therapy for Primary and Metastatic Cancers*, Mon General Hospital Grand Rounds, Morgantown, WV
 | Oct 2020Oct 2020Sep 2019Apr 2019Apr 2019Apr 2019Nov 2018Oct 2018Oct 2018Apr 2018Apr 2018Nov 2017Nov 2017Sep 2017Jul 2017Jun 2016, Jun 2017Feb 2016–Dec 2019May 2015Mar 2015 |
| ***Reviewer*** | 1. NCI Clinical Oncology Study Section
2. ABR Self-Assessment Module Reviewer
3. AACE Abstract Reviewer for International Cancer Education Conference
4. Pilot Grant Reviewer, West Virginia Clinical & Translational Science Institute
5. Ad Hoc Journal Peer Reviewer for *Int J Radiat Oncol Biol Phys, Pract Radiat Oncol, J Radiat Oncol, J Cancer Educ, Ann Palliat Med*
 | Oct 2018Apr 2016–presentApr 2014, Apr 2017Apr 2014, Apr 20182014–present |
| ***Grants*** | 1. Radiation Oncology Institute, *Recruiting More Underrepresented Minority Students into Radiation Oncology*, $30,000/24 months
2. WVCTSI/WVUCI Pilot Grant, $50,000/12 months, *Development of a Novel Radioprotective Therapeutic for the Small Intestines*
3. West Virginia IDeA-CTR Pilot Grant (U54GM104942, NIH/NIGMS), $5,000/6 months, *Measurement of Tumor Oxygenation Using Electron Paramagnetic Resonance*
4. WVUCI/American Cancer Society IRG Pilot Project Grant (IRG-16-143-07-IRG), $29,910/12 months, *Methionine-Restricted Diet to Potentiate The Effects of Radiation Therapy*
5. ASCO Sponsored Cancer Interest Group, Faculty Mentor, $500/12 months
6. West Virginia IDeA-CTR Research Scholar Award (U54 GM104942 NIH/NIGMS), $30,000+10% salary support/24 months, *Use of Response-Adapted Hypofractionated Radiation Therapy to Potentiate the Systemic Immune Response to Checkpoint Inhibitors in Non-Small Cell Lung Cancer*
 | Dec 2020–Nov2022Jan 2019–Jun 2019 Jul 2018–Jul 2019Jan 2017–Jul 2019Jul 2016–Jun 2018 |
| ***Abstracts*** ***Presented*** | 1. Poster Presentation – Fiano R, Mattes M, Sambamoorthi U. *Associations of Multimorbidity and Patient-Reported Experiences of Timely Care with Conservative Management Use Among Elderly Patients with Localized Prostate Cancer.* ISPOR Annual Meeting, Orlando, FL
2. Oral Presentation – Bugarski L, Wen S, Mattes M. *Assessment of the Medical Schools Radiation Oncology Residents Come From Suggests A Reasonable Approach for Diversifying the Workforce.* ASTRO Annual Meeting, Chicago, IL.
3. Oral Presentation – Parker S, Wei R, Jones J, Mattes M. *A Targeted Needs Assessment to Improve Referral Patterns for Palliative Radiation Therapy.* ASTRO Annual Meeting, Chicago, IL
4. Poster Presentation – Mattes M, Eubank T, Almubarak M, Provenzano A, Wen S, Marano G, Ma P, Jacobson G.  *Outcomes from a Phase II Clinical Trial Evaluating the Systemic (Abscopal) Response from the Addition of Local Radiation to Standard-of-Care Immunotherapy for Metastatic Non-Small Cell Lung Cancer*. ASTRO Annual Meeting, Chicago, IL
5. Poster Presentation – Parker S, Winkie C, Mattes M. *Comparative Analysis of the Benefit of Radiation Therapy for Oligometastasis, Oligorecurrence, and Oligoprogression.* ASTRO Annual Meeting, Chicago, IL
6. Poster Presentation – McDermott D, Seldomridge A, Maniar A, Mattes M.  *Patterns of Palliative Care Consultation Among Patients with Brain Metastasis: An Opportunity for Radiation Oncologists to Facilitate Earlier Referral.* ASTRO Annual Meeting, Chicago, IL
7. Poster Presentation – Desai N, Mattes MD, Bonar E, Robertson G, Johnstone CA. *Results of an educational tool for residents and referring physicians on palliative radiation for bone metastases.* ASCO Palliative and Supportive Care in Oncology Symposium, San Diego, CA
8. Poster Presentation – Parker S, Schmidt L, Wen S, Mattes M. *Predictors of Local Control and Symptomatic Pneumonitis After Lung SBRT.* ASTRO Annual Meeting, San Antonio, TX
9. Poster Presentation – Farrugia M, Bianco C, Sambamoorthi U, Mattes M. *Radiation associated hypertension in patients undergoing prostate irradiation.* ASTRO Annual Meeting, San Antonio, TX
10. Poster Presentation – Parker S; Zainib M; Mattes M; Amin N. *Multi-institutional Report on Toxicities of Concurrent Nivolumab and Radiation Therapy*. ASCO-SITC Clinical Immuno-Oncology Symposium, San Francisco, CA
11. Oral Presentation – Pifer P, Farrugia Mark, Mattes MD. *Comparative analysis of the views of oncologic subspecialists and palliative/supportive care physicians regarding advanced care planning and end-of-life care*. ASTRO Annual Meeting, San Diego, CA
12. Poster Presentation – Kenamond M, Siochi RA, Mattes MD. *The Dosimetric Effects of Limited Elective Nodal Irradiation in Volumetric Modulated Arc Therapy Treatment Planning for Locally Advanced Non-Small Cell Lung Cancer*. American Radium Society Annual Meeting, Colorado Springs, CO
13. Poster Presentation - Chopra I, Tan X, Dwibedi N, Findley P, Mattes M, Sambamoorthi U. *Incident Cancer and Adherence to Statins and Antihypertensive Medications for Coronary Artery Disease Among Elderly Medicare Beneficiaries*. ISPOR Annual Meeting, Boston, MA
14. Poster Presentation - Chopra I, Dwibedi N, Mattes M, Tan X, Findley P, Sambamoorthi U. *Non-Adherence to statins and Antihypertensive Medications and Hospitalizations Among Elderly Fee-For-Servce Medicare Beneficiaries with Pre-Existing Coronary Artery Disease and Incident Cancer*. ISPOR Annual Meeting, Boston, MA
15. Oral presentation - Vona-Davis L, Swart E, Mattes M. *Small Group Strategies for Graduate Education: Clinical Oncology Exposure for PhD Candidates in Cancer Cell Biology*. Annual Meeting of the Cancer Biology Training Consortium.
16. Oral Presentation – Wei W, Yu JB, Mattes M, Thrasher A, Shu HG, De Los Santos JF, Paganetti H, Koontz BF, Abraham C, Balboni TA. *Attitudes of Radiation Oncologists Toward Palliative and Supportive Care in the United States: Report on National Membership Survey by the American Society for Radiation Oncology (ASTRO)*. ASTRO annual meeting [also selected to Best of ASTRO], Boston, MA
17. Poster Presentation - Mattes MD, Gerbo R, Dattola RM. *Tumor Board Shadowing for Medical Students as a Means of Early Exposure to Multidisciplinary Oncology Education.* ICEC Annual Meeting, Bethesda, MD
18. Oral Presentation – Wei W, Yu JB, Mattes M, Thrasher A, Shu HG, De Los Santos JF, Paganetti H, Koontz BF, Abraham C, Balboni TA. *Attitudes of Radiation Oncologists Toward Palliative and Supportive Care in the United States: Report on National Membership Survey by the American Society for Radiation Oncology (ASTRO).* ASCO Palliative Care in Oncology Symposium, San Francisco, CA
19. Poster Presentation – Dy G, Kim E, Baumgart M, Mattes M, Ma P, Gadgeel S, Dowlati A, Molina J, Attwood K, Adjei A. *A Phase II Randomized, Placebo-Controlled Trial Evaluating Nintedanib versus Placebo as Prophylaxis against Radiation Pneumonitis in Patients with Unresectable Non-Small Cell Lung Cancer (NSCLC) Undergoing ChemoRadiation Therapy (CRT): A National Comprehensive Cancer Network Sponsored Study.* ASCO Annual Meeting, Chicago, IL.
20. Poster Presentation - Raval A, Madhavan SS, Mattes, M, Sambamoorthi U. *Types of Chronic Conditions Combinations and Initial Cancer Treatment Among Elderly Medicare Beneficiaries with Localized Prostate Cancer.* ISPOR Annual Meeting, Washington, DC
21. Digital Poster Discussion – Mattes MD, Ahsanuddin S, Apte A, Moshchinsky AB, Rizk NP, Foster A, Wu AJ, Ashamalla H, Deasy JO, Weber WA, Rimner A. *The Ratio of Lymph Node to Primary Tumor SUV on PET/CT Accurately Predicts Nodal Malignancy in Non-Small Cell Lung Cancer.* ASTRO Annual Meeting, San Francisco, CA
22. Poster Presentation – Bhatia JK, Metzger D, Ashamalla H, Katsoulakis E, Mattes MD. *Breast Cancer Molecular Subtype as a Predictor of Lymph Node Metastasis.* ASTRO Annual Meeting, San Francisco, CA
23. Digital Poster Discussion – Ashamalla H, Guirguis A, Metzger DJ, McCool K, Mattes MD, Katsoulakis E, Mokhtar B, Tchelebi M. *Radiation Treatment Outcomes In Young Men Diagnosed With Prostate Cancer: A Seer Study.* ASTRO Annual Meeting, San Francisco, CA
24. Oral Presentation – Lee JC, Metzger D, Ashamalla H, Katsoulakis E, Mattes MD. *The Incidence of Pelvic and Para-aortic Metastasis in Uterine Papillary Serous and Clear Cell Carcinoma According to the SEER Registry.* ACRO Annual Meeting, Orlando, FL
25. Poster Presentation – Mattes MD, Katsoulakis E, Selim H. *Expanding Oncologic Education in the United States: The Role of the Radiation Oncologist.* RSNA Annual Meeting, Chicago, IL
26. Poster Presentation – Mattes MD, Lee JC, Elnaiem S, Katsoulakis E, Ashamalla H, Tejwani A, Ikoro NC, Parameritis J. *A Patient-Specific Approach To Prostate Cancer Contouring Through Assessment of the Overlap Volume Between PTV and OARs.* ASTRO Annual Meeting, Atlanta, GA
27. Poster Presentation – MattesMD, Young AV, Ng J*. The Evolving Role of Regional Radiation Oncology Societies in Resident Education.* ASTRO Annual Meeting, Atlanta, GA
28. Poster Presentation – Berliner L, Lemke HU, vanSonnenberg E, Ashamalla H, Mattes MD, Dosik D, Hazin H, Shah S, Mohanty S, Verma S, Esposito G, Bargellini I*. Information and Communication Technology in Personalized Medicine: A Clinical Use Case for Hepatocellular Cancer.* EPMA World Congress, Brussels, Belgium
29. Oral Presentation - Mattes MD, Mann JM, Ashamalla H, Tejwani A*. Routine histopathologic characteristics can predict Oncotype DX recurrence score in some subsets of breast cancer patients.* ACRO Annual Meeting, Atlanta, GA
30. Poster Presentation - Mattes MD, Moschinsky A, Ashamalla H. *The Ratio of Lymph Node SUV to Primary Tumor SUV on PET/CT Predicts Nodal Pathology in Patients with Non-Small Cell Lung Cancer.* ASTRO Annual Meeting, Boston, MA
31. Poster Presentation - Mattes MD, Tai C, Ashamalla H, Ikoro NC. *The Dosimetric Effects of Photon Energy on the Quality of Prostate Volumetric-Modulated Arc Therapy.* ASTRO Annual Meeting, Boston, MA
32. Oral Presentation - Mattes MD, Vlashi E, Pajonk F. *The effect of the novel proteasome inhibitor NPI-0052 on glioma cells in combination with ionizing radiation.* Western Student Medical Research Forum, Monterey, CA
 | May 2020Sep 2019Sep 2019Sep 2019Sep 2019Sep 2019Nov 2018Oct 2018Oct 2018Jan 2018Sep 2017May 2017May 2017May 2017Oct 2016Sep 2016Sep 2016Sep 2016Jun 2016May 2016Sep 2014Sep 2014Sep 2014Feb 2014Dec 2013Sep 2013Sep 2013Sep 2013Feb 2013Oct 2012Oct 2012Jan 2009 |
| ***Original*** ***Published*** ***Peer-Reviewed*** ***Articles*** | 1. Mattes MD, Nieto, JD. Quality Improvement Initiative to Enhance Multidisciplinary Management of Malignant Extradural Spinal Cord Compression. *JCO Oncol Pract.* Published online May 8, 2020.
2. Kibirova A, Mattes M, Smolkin M, Ma PC. The Journey of an EGFR-mutant Lung Adenocarcinoma through Erlotinib, Osimertinib and ABCP Immunotherapy Regimens: Sensitivity and Resistance. *Case Rep Oncol* 2019;12:765–776.
3. Brower JV, Chen S, Ritter A, Liauw SL, Rosenberg SA, Reddy AV, Golden DW, Gillespie EF, Mattes MD. Comfort Level of US Radiation Oncology Graduates: Assessment of Transition to Independent Clinical Practice. *J Cancer Educ* 2019 Nov 14.
4. Parker SM, Wei RL, Jones JA, Mattes MD. A targeted needs assessment to improve referral patterns for palliative radiation therapy. *Ann Palliat Med* 2019 Sep;8(4):516-522.
5. Farrugia M, Mattes M. Radiation-associated hypertension in patients undergoing treatment for prostate cancer. *Journal of Radiotherapy in Practice*, epub 13 Sep 2019.
6. Tsui JM, Grewal NK, Sivapragasam M, Flanagan M, Golden DW, Alfieri J, Mattes MD. Tumor Board Shadowing: A Unique Approach For Integrating Radiation Oncologists Into General Medical Student Education. *Int J Radiat Oncol Biol Phys* 2019 Jul 15;104(4):773-777.
7. Neeley B, Golden DW, Brower JV, Braunstein ST, Hirsch AE, Mattes MD. Student Perspectives on Oncology Curricula at United States Medical Schools. *J Cancer Educ* 2019 Feb; 34(1):56-68.
8. Chopra I, Mattes MD, Findley P, Tan X, Dwibedi N, Sambamoorthi U. Impact of Incident Cancer on Short-Term Coronary Artery Disease–Related Healthcare Expenditures Among Medicare Beneficiaries. J Natl Compr Canc Netw 2019 Feb;17(2):149-158.
9. Trump T, Luchey AM, Hogg J, Mattes MD. Intramedullary Reactive Fibrosis as Mimic of Prostate Cancer Bone Metastasis on 11C-choline PET/CT. *Pract Radiat Oncol* 2019 Jan;9(1):e1-e3
10. Parker SM, Siochi RA, Wen S, Mattes MD. Impact of Tumor Size on Local Control and Pneumonitis After Stereotactic Body Radiation Therapy for Lung Tumors. *Pract Radiat Oncol* 2019 Jan;9(1):e90-e97.
11. Mattes MD. Small Jr W, Vapiwala N. Out of the Basement and Into the Classroom: Pathways for Expanding the Role of Radiation Oncologists in Medical Student Education. *J Am Coll Radiol* 2018 Nov;15(11):1620-1623.
12. Pifer P, Farrugia M, Mattes MD. Comparative analysis of the views of oncologic subspecialists and palliative/supportive care physicians regarding advanced care planning and end-of-life care. *Am J Hosp Palliat Care* 2018 Oct;35(10):1287-1291.
13. Amin NP, Zainib M, Parker S, Agarwal M, Mattes M. Multi-institutional report on toxicities of concurrent nivolumab and radiation therapy *Adv Radiat Oncol.* 2018 May 24;3(3):399-404
14. Kenamond MC, Siochi RA, Mattes MD. The Dosimetric Effects of Limited Elective Nodal Irradiation in Volumetric Modulated Arc Therapy Treatment Planning for Locally Advanced Non-Small Cell Lung Cancer. *J Radiat Oncol* 2018 Mar 7(1):45-51.
15. Dahshan BA, Mattes MD, Bhatia S, Palek MS, Cifarelli CP, Hack JD, Vargo JA. Efficacy of Stereotactic Radiosurgery in Patients with Multiple Metastases: Importance of Volume Rather Than Number of Lesions. *Cureus* 2017 Dec 19;9(12):e1966.
16. Catherman KA, Grey C, Mattes MD. Use of Multisource Feedback to Improve Interdisciplinary Care Among Oncologists. *J Am Coll Radiol* 2017 Dec;14(12):1578-1580.
17. Chopra I, Dwibedi N, Mattes M, Tan X, Findley PA, Sambamoorthi U. Nonadherence to Statins and Antihypertensives and Hospitalizations among Elderly Medicare Beneficiaries with Incident Cancer. J Natl Compr Canc Netw 2017;15(11):1351-1360
18. Mattes MD, Swart E, Markwell SM, Wen S, Vona-Davis LC. Methods of Academic Course Planning for Cancer Biology Ph.D. Students to Enhance Knowledge of Clinical Oncology. *Cancer Res* 2017 Sep 15;77(18):4741-4744.
19. Wei RL, Mattes MD, Yu J, Thrasher A, Shu HK, Paganetti H, De Los Santos J, Koontz B, Abraham C, Balboni T. Attitudes of radiation oncologists toward palliative and supportive care in the United States: Report on national membership survey by the American Society for Radiation Oncology (ASTRO). *Pract Radiat Oncol* 2017 Mar - Apr;7(2):113-119.
20. Ashamalla HA, Guirguis A, McCool K, McVorran S, Mattes M, Metzger D, Oromendia C, Ballman KV, Mokhtar B, Tchelebi M, Katsoulakis E, Rafla S. Brachytherapy Improves Outcomes in Young Men (≤60 years) with Prostate Cancer: A SEER Analysis. *Brachytherapy* 2017 Mar - Apr;16(2):323-329.
21. Mattes MD, Gerbo R, Dattola RM. Tumor Board Shadowing for Medical Students as a Means of Early Exposure to Multidisciplinary Oncology Education. *J Am Coll Radiol* 2017;14(2):253-255.
22. Mattes MD, Patel KR, Burt LM, Hirsch AE. A Nationwide Medical Student Assessment of Oncology Education. *J Cancer Educ* 2016 Dec;31(4):679-686.
23. Raval AD, Mattes MD, Madhavan S, Pan X, Wei W, Sambamoorthi U. Association between Metformin Use and Cancer Stage at Diagnosis among Elderly Medicare Beneficiaries with Preexisting Type 2 Diabetes Mellitus and Incident Prostate Cancer. *J Diabetes Res* 2016 Jul 31 [epub ahead of print].
24. Mattes MD. Multidisciplinary Oncology Education: Going Beyond Tumor Board. *J Am Coll Radiol* 2016 Oct; 13(10):1239-1241.
25. Raval AD, Madhavan S, Mattes MD, Sambamoorthi U. Association between Types of Chronic Conditions and Cancer Stage at Diagnosis among Elderly Medicare Beneficiaries with Prostate Cancer. *Popul Health Manag* 2016 Dec; 19(6):445-453.
26. Raval AD, Madhavan S, Mattes MD, Sambamoorthi U. Types of Chronic Condition Combinations and Initial Cancer Treatment among Elderly Medicare Beneficiaries with Localized Prostate Cancer. Accepted to *Int J Clin Pract* 2016 Jul;70(7):606-18
27. Mattes MD, Cardinal JS, Jacobson GM. Delayed radiation-induced inflammation accompanying a marked carbohydrate antigen 19-9 elevation in a patient with resected pancreatic cancer. Radiat Oncol J 2016 Jun;34(2):156-9
28. Mattes MD, Zhou Y, Berry SL, Barker CA. Dosimetric comparison of axilla and groin radiotherapy techniques for high-risk and locally advanced skin cancer. *Radiat Oncol J* 2016 Jun;34(2):145-55.
29. Raval AD, Madhavan S, Mattes MD, Salkini M, Sambamoorthi U. Impact of Prostate Cancer Diagnosis on Noncancer Hospitalizations Among Elderly Medicare Beneficiaries With Incident Prostate Cancer. *J Natl Compr Canc Netw* 2016 Feb;14(2):186-94.
30. Mattes MD, Tung K, Baum R, Parikh K, Ashamalla H. Understanding the Views of Those Who Care for Cancer Patients on Advance Care Planning and End-of-Life Care. *Am J Hosp* *Palliat Care* 2015 Dec;32(8):802-9.
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