

EVERETT J. MODING, MD, PhD
CURRICULUM VITAE

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PERSONAL INFORMATION

Current Position Clinical Instructor, Radiation Oncology
Stanford University Medical Center, Stanford, CA

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EDUCATION

8/2004-5/2008 Bachelor of Arts, Biochemistry, Summa Cum Laude
The Colorado College, Colorado Springs, CO

8/2008-5/2015 Doctor of Medicine, Medical Scientist Training Program
Duke University School of Medicine, Durham, NC

10/2010-5/2014 Doctor of Philosophy, Molecular Cancer Biology
Duke University School of Medicine, Durham, NC

POSTDOCTORAL AND CLINICAL TRAINING

7/2015-6/2016 Internship, Internal Medicine
Moses H. Cone Memorial Hospital, Greensboro, NC

7/2016-6/2020 Residency, Radiation Oncology
Stanford University Medical Center, Stanford, CA

7/2018-6/2020 Postdoctoral Scholar, Laboratories of Drs. Maximilian Diehn and Ash Alizadeh
Stanford University, Stanford, CA

7/2019-6/2020 Chief Resident, Radiation Oncology
Stanford University Medical Center, Stanford, CA

LICENSES AND CERTIFICATIONS

7/2016-Present Physician's License
Medical Board of California

7/2020-Present Board Eligible
American Board of Radiology

HONORS AND AWARDS

9/2003 City of Colorado Springs Mayor's 100 Teens

5/2004 Manitou Springs High School Valedictorian

8/2004 Mother Moon Service Scholarship

8/2004-5/2008 Barnes Chemistry Full Tuition Scholarship

5/2005-5/2008 Colorado College Dean's List

5/2005	Alpha Lambda Delta Honor Society
5/2005	First Year Chemistry Award
3/2006-5/2006	Biology in Chinese Culture Program Scholar
5/2006	William C. Champion Prize in Organic Chemistry
5/2007	American Chemistry Society Analytical Chemistry Award
6/2007-8/2007	University of California San Francisco Amgen Scholar
5/2008	Alpha Lambda Delta Book Award
5/2008	Frank Henry John Figge Award
5/2008	Merck Index Award in Biochemistry
5/2008	Phi Beta Kappa Honor Society
8/2008-5/2015	National Institutes of Health Medical Scientist Training Program Fellowship
6/2011	NASA Space Radiation Summer School Scholar
9/2011	Travel Support for NASA Space Radiation Investigators' Workshop
7/2012	Travel Support for NASA Space Radiation Investigators' Workshop
7/2012	NASA Space Radiation Graduate Student Poster Contest 2 nd Place
9/2012	Pharmacology and Cancer Biology Retreat Poster Contest Winner
3/2013	Fitzgerald Academic Achievement Award
9/2013	Radiation Research Society Scholars-in-Training Travel Award
9/2014	ASTRO Basic Science Abstract Award
10/2014	Best of ASTRO Meeting Abstract Selection
7/2018-Present	B. Leonard Holman Research Pathway
7/2019-Present	Stanford Radiation Oncology Kaplan Fellowship
11/2019	Radiation Research Society Scholars-in-Training Travel Award
1/2020	Society for Translational Oncology Fellows' Forum Participant

PUBLICATIONS

Peer-Reviewed Original Research Articles

1. **Moding EJ**, Hellyer J, Rank K, Lostroh P, Brasuel M, Characterization of PEBBLEs as a Tool for Real-Time Measurement of *Dictyostelium discoideum* Endosomal pH. **Journal of Sensors**, 2009, 235158 (2009).
2. Lee CL*, **Moding EJ***, Huang X, Li Y, Woodlief LZ, Rodrigues RC, Ma Y, Kirsch DG, Generation of primary tumors with Flp recombinase in FRT-flanked p53 mice. **Disease Models & Mechanisms**, 5, 397-402 (2012).
**These authors contributed equally to this work.*
3. Lee CL, **Moding EJ**, Cuneo KC, Li Y, Sullivan JM, Mao L, Washington I, Jeffords LB, Rodrigues RC, Ma Y, Das S, Kontos CD, Kim Y, Rockman HA, Kirsch DG, p53 Functions in Endothelial Cells to Prevent Radiation-Induced Myocardial Injury in Mice. **Science Signaling**, 5, ra52 (2012).
4. **Moding EJ**, Clark DP, Qi Y, Li Y, Ma Y, Ghaghada K, Johnson GA, Kirsch DG, Badea CT, Dual energy micro-computed tomography imaging of radiation-induced vascular changes in primary mouse sarcomas. **International Journal of Radiation Oncology, Biology, and Physics**, 85, 1353-9 (2013).
5. Subashi E, **Moding EJ**, Cofer GP, MacFall JR, Kirsch DG, Qi Y, Johnson GA, A comparison of radial keyhole strategies for high spatial and temporal resolution 4D contrast-enhanced MRI in small animal tumor models. **Medical Physics**, 40, 22304 (2013).
6. Clark DP, Ghaghada K, **Moding EJ**, Kirsch DG, Badea CT, In vivo characterization of tumor vasculature using iodine and gold nanoparticles and dual energy micro-CT. **Physics in Medicine and Biology**, 58, 1683-1704 (2013).

7. Ashton JR, Clark DP, **Moding EJ**, Ghaghada K, Kirsch DG, West JL, Badea CT, Dual-Energy Micro-CT Functional Imaging of Primary Lung Cancer in Mice Using Gold and Iodine Nanoparticle Contrast Agents: A Validation Study. **PLoS One**, 9, e88129 (2014).
8. **Moding EJ**, Lee CL, Castle KD, Oh P, Mao L, Zha S, Min HD, Ma Y, Das S, Kirsch DG, *Atm* deletion with dual recombinase technology preferentially radiosensitizes tumor endothelium. **The Journal of Clinical Investigation**, 124, 3325-3338 (2014).
9. Schönhuber N, Seidler B, Schuck K, Veltkamp C, Schachtler C, Zukowska M, Eser S, Feyerabend TB, Paul MC, Eser P, Klein S, Lowy AM, Banerjee R, Yang F, Lee CL, **Moding EJ**, Kirsch DG, Scheideler A, Alessi DR, Varela I, Bradley A, Kind A, Schnieke AE, Rodewald HR, Rad R, Schmid RM, Schneider G, Saur D, A next-generation dual-recombinase system for time- and host-specific targeting of pancreatic cancer. **Nature Medicine**, 20, 1340-1347 (2014).
10. Liu Y, Ashton JR, **Moding EJ**, Yuan H, Register JK, Fales AM, Choi J, Whitley MJ, Zhao X, Qi Y, Ma Y, Vaidyanathan G, Zalutsky MR, Kirsch DG, Badea CT, Vo-Dinh T, A Plasmonic Gold Nanostar Theranostic Probe for In Vivo Tumor Imaging and Photothermal Therapy. **Theranostics**, 5, 946-60 (2015).
11. **Moding EJ**, Castle KD, Perez BA, Oh P, Min HD, Norris H, Ma Y, Cardona DM, Lee CL, Kirsch DG, Tumor cells, but not endothelial cells, mediate eradication of primary sarcomas by stereotactic body radiation therapy. **Science Translational Medicine**, 7, 278ra34 (2015).
12. Lee CL, Castle KD, **Moding EJ**, Blum JD, Williams N, Luo L, Ma Y, Borst LB, Kim Y, Kirsch DG, Acute DNA damage activates the tumour suppressor p53 to promote radiation-induced lymphoma. **Nature Communications**, 6, 8477 (2015).
13. **Moding EJ**, Min HD, Castle KD, Ali M, Woodlief L, Williams N, Ma Y, Kim Y, Lee CL, Kirsch DG, An extra copy of p53 suppresses development of spontaneous Kras-driven but not radiation-induced cancer. **JCI Insight**, 1, e86698 (2016).
14. **Moding EJ**, Million L, Avedian R, Ghanouni P, Kunder C, Ganjoo KN, Concurrent imatinib and radiation therapy for unresectable and symptomatic desmoid tumors. **Sarcoma**, 2017, 2316839 (2017).
15. Chin AL*, **Moding EJ***, Donaldson SS, Gibbs IC, Soltys SG, Hiniker SM, Pollom EL, Survival Impact of Postoperative Radiotherapy Timing in Pediatric and Adolescent Medulloblastoma. **Neuro-Oncology**, 20, 1133-1141 (2018).
*These authors contributed equally to this work.
16. Castle KD, Daniel AR, **Moding EJ**, Luo L, Lee CL, Kirsch DG, Mice Lacking RIP3 Kinase are not Protected from Acute Radiation Syndrome. **Radiation Research**, 189, 627-633 (2018).
17. Cheung PF, Neff F, Neander C, Bazarna A, Savvatakis K, Liffers ST, Althoff K, Lee CL, **Moding EJ**, Kirsch DG, Saur D, Bazhin AV, Trajkovic-Arsic M, Heikenwälder M, Siveke JT, Notch-induced myeloid reprogramming in spontaneous pancreatic ductal adenocarcinoma by dual genetic targeting. **Cancer Research**, 78, 4997-5010 (2018).
18. Wu Y, Million L, **Moding EJ**, Scott G, Berry M, Ganjoo KN, The Impact of Post-Operative Therapy on Primary Cardiac Sarcoma. **The Journal of Thoracic and Cardiovascular Surgery**, 156, 2194-2203 (2018).
19. **Moding EJ**, Advani R, Rosenberg SA, Hoppe RT, Prognostic Factors and Patterns of Failure in Advanced Stage Hodgkin Lymphoma Treated with Combined Modality Therapy. **Radiotherapy and Oncology**, 129, 507-512 (2018).
20. **Moding EJ**, Liang R, Lartey FM, Maxim PG, Sung A, Diehn M, Loo BW, Gensheimer MF, Predictors of Respiratory Decline Following Stereotactic Ablative Radiotherapy to Multiple Lung Tumors. **Clinical Lung Cancer**, 20, 461-468 (2019).

21. **Moding EJ**, Liu Y, Nabet BY, Chabon JJ, Chaudhuri AA, Hui AB, Bonilla RF, Ko RB, Yoo CH, Gojenola L, Jones CD, He J, Qiao Y, Xu T, Heymach JV, Tsao A, Liao Z, Gomez DR, Das M, Padda SK, Ramchandran KJ, Neal JW, Wakelee HA, Loo BW, Lin SH, Alizadeh AA, Diehn M, Circulating Tumor DNA Dynamics Predict Benefit from Consolidation Immunotherapy in Locally Advanced Non-Small Cell Lung Cancer. **Nature Cancer**, 1, 176-183 (2020).
22. Hellmann MD, Nabet BY, Rizvi H, Chaudhuri AA, Wells DK, Dunphy M, Chabon JJ, Liu CL, Hui AB, Arbour KC, Luo J, Preeshagul I, **Moding EJ**, Almanza D, Bonilla RF, Sauter JL, Choi H, Tenet M, Abu-Akeel M, Plodkowski AJ, Perez-Johnston R, Yoo C, Ko RB, Stehr H, Gojenola L, Wakelee HA, Padda SK, Neal JW, Chaft JE, Kris MG, Rudin CM, Merghoub T, Li BT, Alizadeh AA, Diehn M, Circulating tumor DNA analysis to assess risk of progression after long-term response to PD-(L)1 blockade in NSCLC. **Clinical Cancer Research**, Epub ahead of print, DOI: 10.1158/1078-0432.CCR-19-3418.
23. Chabon JJ, Hamilton EG, Kurtz DM, Esfahani MS, **Moding EJ**, Stehr H, Martin JS, Nabet BY, Chen B, Chaudhuri AA, Liu CL, Hui AB, Jin MC, Azad TD, Almanza D, Jeon Y, Nesselbush MC, Ting Keh LC, Bonilla RF, Yoo CH, Ko RB, Chen EL, Merriott DJ, Massion PP, Mansfield AS, Jen J, Ren HZ, Lin SH, Costantino C, Burr R, Tibshirani R, Gambhir SS, Berry GJ, Jensen KC, West RB, Neal JW, Wakelee HA, Loo BW, Kunder CA, Leung AN, Lui NS, Berry MF, Shrager JB, Nair VS, Haber DA, Sequist LV, Alizadeh AA, Diehn M, Integrating genomic features for non-invasive early lung cancer detection. **Nature**, 580, 245-251 (2020).

Other Peer-Reviewed Articles

1. **Moding EJ**, Kirsch DG, Genetically Modified Mouse Models of Lung Cancer. **The Health Risks of Extraterrestrial Environments**, <http://three.usra.edu/articles/MouseModels.pdf> (2012).
2. **Moding EJ**, Kastan MB, Kirsch DG, Strategies for optimizing the response of cancer and normal tissues to radiation. **Nature Reviews Drug Discovery**, 12, 526-542 (2013).
3. **Moding EJ**, Mowery YM, Kirsch DG, Opportunities for Radiosensitization in the Stereotactic Body Radiation Therapy (SBRT) Era. **The Cancer Journal**, 22, 267-273 (2016).
4. **Moding EJ**, Diehn M, Wakelee HA, Circulating Tumor DNA Testing in Advanced Non-Small Cell Lung Cancer. **Lung Cancer**, 119, 42-47 (2018).

Non-Peer-Reviewed Articles

1. Lee CL, **Moding EJ**, Kirsch DG, Reining in Radiation Injury: HIF2 α in the Gut. **Science Translational Medicine**, 6, 236fs20 (2014).

Book Chapters

1. Qian Y, Weiner JP, **Moding EJ**, Kovalchuk N, Koong AC, Hong TS, Chang DT, Liver. **Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy**. Heron, D.E., Huq, M.S., Herman, J.M., ed., Demos Medical Publishing (2018).

PRESENTATIONS

Invited Presentations

1. "Knockdown of unfolded protein response sensor Ire1 α via retrovirus and adenovirus delivered siRNA." **Undergraduate Summer Research Program Poster Session and Oral Presentations**, San Francisco, CA, August 2007.
2. "Dual recombinase technology defines a therapeutic window for ATM inhibitors during radiation therapy." **Duke MSTP Symposium**, Durham, NC, April 2014.

3. "From slime mold to genetically engineered mice: how CC prepared me to be a physician scientist." **Colorado College Molecular Biology Day**, Keynote Speaker, Colorado Springs, CO, April 2016.
4. "Safety and Efficacy of SABR to Multiple Lung Tumors." **2017 Malcolm Bagshaw Visiting Professorship and Research Seminar**, Stanford, CA, March 2017.
5. "CNS Case Discussions." **Stanford Symposium on Contemporary Topics in Radiation Oncology**, Stanford, CA, September 2017.
6. "Prognostic Factors and Patterns of Failure in Advanced Stage Hodgkin Lymphoma Treated with Stanford V and Radiotherapy." **2018 Malcolm Bagshaw Visiting Professorship and Research Seminar**, Stanford, CA, March 2018.
7. "Circulating Tumor DNA Analysis for Personalization of Consolidation Immunotherapy in Localized Non-small Cell Lung Cancer." **2019 Malcolm Bagshaw Visiting Professorship and Research Seminar**, Stanford, CA, May 2019.
8. "Circulating tumor DNA as a biomarker of lung cancer response to chemoradiation and consolidation immunotherapy." **65th Annual Radiation Research Society Meeting**, San Diego, CA, November 2019.

National and Regional Meetings

1. **Moding EJ**, Nguyen M, Garcia-Bertrand R, Genetic STR Analysis of the Bunun and Tsou Aborigines of Taiwan, **Pew Midstates Science and Mathematics Consortium**, Poster, Chicago, IL, October 2004.
2. **Moding EJ**, Garcia-Bertrand R, Genetic Analysis of Taiwanese Aborigines Using Short Tandem Repeats, **Pew Midstates Science and Mathematics Consortium**, Oral Presentation, St. Louis, MO, October 2005.
3. **Moding EJ**, Brasuel M, Coumarin 343 PEBBLES selectively monitor intracellular magnesium ion concentrations inside *Dictyostelium discoideum*, **233rd American Chemical Society National Meeting**, Poster, Chicago, IL, March 2007.
4. **Moding EJ**, Lee CL, Blum JM, Sullivan JM, Jeffords LB, Rodrigues RC, Ma Y, Kim Y, Kirsch DG, Temporary knockdown of the tumor suppressor p53 during total-body irradiation prevents radiation-induced lymphomagenesis, **22nd Annual NASA Space Radiation Investigators' Workshop**, Poster, League City, TX, September 2011.
5. **Moding EJ**, Lee CL, Huang X, Kirsch DG, A $p53^{FRT}$ mouse to generate tumors by Flp recombinase to allow for manipulation of the tumor microenvironment by Cre recombinase, **AACR Tumor Microenvironment Complexity Special Conference**, Poster, Orlando, FL, September 2011.
6. **Moding EJ**, Woodlief LZ, Lee CL, Ma Y, Kirsch DG, Role of p53 in Lung Carcinogenesis after Exposure to Space Radiation. **23rd Annual NASA Space Radiation Investigators' Workshop**, Poster, Durham, NC, July 2012.
7. **Moding EJ**, Loss of ATM preferentially sensitizes proliferating tumor endothelial cells to radiation. **28th Annual National MD/PhD Student Conference**, Poster, Keystone, CO, July 2013.
8. **Moding EJ**, Lee CL, Min HD, Ma Y, Kirsch DG, Endothelial cell-specific deletion of ATM preferentially sensitizes proliferating tumor endothelial cells to radiation. **59th Annual Radiation Research Society Meeting**, Poster, New Orleans, LA, September 2013.
9. **Moding EJ**, Lee CL, Castle KD, Oh P, Kirsch DG, Using Mouse Genetics to Dissect the Radiobiology of SBRT: Tumor Cells, Not Endothelial Cells, Regulate Local Control. **56th Annual American Society for Radiation Oncology (ASTRO) Meeting**, Oral Presentation, San Francisco, CA, September 2014.

10. **Moding EJ**, Lee CL, Castle KD, Oh P, Kirsch DG, Dual Recombinase Technology Defines a Therapeutic Window for ATM Inhibitors to Selectively Radiosensitize Tumors. **56th Annual American Society for Radiation Oncology (ASTRO) Meeting**, Oral Presentation, San Francisco, CA, September 2014.
11. **Moding EJ**, Lee CL, Castle KD, Kirsch DG, Tumor cells, but not endothelial cells, mediate the eradication of primary cancers by radiation therapy. **60th Annual Radiation Research Society Meeting**, Poster, Las Vegas, NV, September 2014.
12. **Moding EJ**, Maxim PG, Diehn M, Loo BW, Gensheimer M, Safety and Efficacy of Stereotactic Ablative Radiotherapy (SABR) to Multiple (Three or More) Lung Tumors. **59th Annual American Society for Radiation Oncology (ASTRO) Meeting**, Poster, San Diego, CA, September 2017.
13. **Moding EJ**, Ranjana RH, Rosenberg SA, Hoppe RT, Prognostic Factors and Patterns of Failure in Advanced Stage Hodgkin Lymphoma Treated with Stanford V and Radiotherapy. **60th Annual American Society for Radiation Oncology (ASTRO) Meeting**, Poster Discussion, San Antonio, TX, October 2018.
14. **Moding EJ**, Liu Y, Nabet BY, Chabon JJ, Chaudhuri AA, Hui AB, He J, Qiao Y, Heymach JV, Tsao A, Liao Z, Gomez DR, Ramchandran KJ, Neal JW, Wakelee HA, Loo BW, Lin SH, Alizadeh AA, Diehn M, ctDNA analysis for personalization of consolidation immunotherapy in localized non-small cell lung cancer. **American Society of Clinical Oncology (ASCO) Annual Meeting**, Poster, Chicago, IL, June 2019.
15. **Moding EJ**, Nabet BY, Liu Y, Chabon JJ, Chaudhuri AA, Hui AB, Binkley MS, He J, Qiao Y, Xu T, Yao L, Ghandi S, Liao Z, Das M, Ramchandran KJ, Padda SK, Neal JW, Wakelee HA, Gensheimer MF, Loo BW, Lin SH, Alizadeh AA, Diehn M, Circulating Tumor DNA Changes During Chemoradiation for Lung Cancer Predict Patient Outcomes. **61st Annual American Society for Radiation Oncology (ASTRO) Meeting**, Oral Presentation, Chicago, IL, September 2019.
16. **Moding EJ**, Esfahani MS, Nabet BY, Liu Y, Chabon JJ, He J, Qiao Y, Xu T, Yao L, Gandhi S, Liao Z, Das M, Ramchandran KJ, Padda SK, Neal JW, Wakeless HA, Loo BW, Lin SH, Alizadeh AA, Diehn M, A mid-chemoradiation dynamic risk model integrating tumor features and ctDNA analysis for lung cancer outcome prediction. **American Society of Clinical Oncology (ASCO) Annual Meeting**, Poster, Virtual Meeting, May 2020.

International Meetings

1. **Moding EJ**, Lee CL, Kirsch DG, Using dual recombinase technology to study the response of primary cancers to radiation therapy. **58th Annual Radiation Research Society Meeting**, Poster, San Juan, PR, September 2012.
2. **Moding EJ**, Min HD, Lee CL, Williams N, Woodlief LZ, Ma Y, Kirsch DG, Dissecting the Function of p53 in Lung Carcinogenesis Following Fractionated Exposure to X-rays and ⁵⁶Fe. **Heavy Ion in Therapy and Space Radiation Symposium 2013**, Poster, Chiba, Japan, May 2013.

GRANTS

Current Funding

7/2020-6/2021 Conquer Cancer-GO₂ Foundation for Lung Cancer Young Investigator Award
 American Society of Clinical Oncology
 "Identification of chemoradiation response mediators in non-small cell lung cancer via circulating tumor DNA analysis"
 Role: PI

Completed Funding

4/2013-5/2015	F30 CA177220 Predoctoral Fellowship National Cancer Institute, National Institutes of Health “Defining the cellular target of radiotherapy in primary mouse models of cancer” Role: PI
7/2018-6/2019	Research Resident Grant Radiological Society of North America “Circulating tumor DNA kinetics during radiation therapy as a prognostic biomarker for non-small cell lung cancer” Role: PI
7/2018-6/2019	Resident Seed Grant American Society for Radiation Oncology “Circulating tumor DNA kinetics during radiation therapy as a prognostic biomarker for non-small cell lung cancer” Role: PI

SERVICE

Professional Memberships

6/2012-Present	Radiation Research Society
7/2016-Present	American College of Radiology
7/2016-Present	Radiological Society of North America
7/2017-Present	American Society for Radiation Oncology
5/2018-Present	American Association for Cancer Research
4/2019-Present	American Society of Clinical Oncology

Ad Hoc Reviewer

7/2013-Present	International Journal of Radiation Oncology, Biology, and Physics
7/2020-Present	Molecular Cancer Therapeutics

Leadership and Mentorship Roles

4/2009-8/2009	Duke MSTP Science Advisory Committee Member
8/2010-5/2013	Duke MSTP Davison Council Representative
9/2010-1/2011	Duke School of Medicine Admissions Interviewer
7/2011-4/2012	Duke MSTP 2012 Symposium Planner
9/2016-7/2017	Stanford SMART Program Mentor
4/2017-5/2017	Stanford Radiation Oncology MRI Simulation Workflow Committee
7/2019-Present	Stanford Radiation Oncology Chief Resident

Clinical Lectures

1. “Unexpected Death in a Patient Undergoing Whole Brain Radiation Therapy.” Morbidity and Mortality Conference, Stanford Department of Radiation Oncology, October 2016.
2. “Prostate Cancer Adjuvant and Salvage Radiation Therapy Case Discussion.” Resident Lecture, Stanford Department of Radiation Oncology, November 2016.
3. “Genitourinary Cancer In-Service Question Review.” Resident Lecture, Stanford Department of Radiation Oncology, November 2016.
4. “Soft Tissue Sarcoma Radiation Therapy Case Discussion.” Resident Lecture, Stanford Department of Radiation Oncology, June 2017.

5. "Radiation Myelopathy After Post-Operative Spine Radiation Therapy." Morbidity and Mortality Conference, Stanford Department of Radiation Oncology, August 2017.
6. "Brain Metastases Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, August 2017.
7. "Genitourinary Cancer Anatomy and Overview." Resident Lecture, Stanford Department of Radiation Oncology, November 2017.
8. "Bladder Cancer Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, December 2017.
9. "Indolent Lymphoma Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, January 2018.
10. "Radiation Therapy for Hemoptysis." Morbidity and Mortality Conference, Stanford Department of Radiation Oncology, February 2018.
11. "Early Stage Invasive Breast Cancer." Resident Lecture, Stanford Department of Radiation Oncology, March 2018.
12. "Radiation Therapy for Non-Metastatic Rectal Cancer." Resident Lecture, Stanford Department of Radiation Oncology, August 2018.
13. "Craniospinal Irradiation Practical." Resident Lecture, Stanford Department of Radiation Oncology, August 2018.
14. "Vulvar Cancer Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, November 2018.
15. "Lung Cancer." Clinical Lecture Series for Physicists, Dosimetrists, and Therapists, Stanford Department of Radiation Oncology, November 2018.
16. "Lymphoma Anatomy and Overview." Resident Lecture, Stanford Department of Radiation Oncology, January 2019.
17. "Anorectal Cancer." Clinical Lecture Series for Physicists, Dosimetrists, and Therapists, Stanford Department of Radiation Oncology, January 2019.
18. "Meningioma and Schwannoma Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, August 2019.
19. "Mesothelioma and Thymoma Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, October 2019.
20. "Cervical Cancer Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, October 2019.
21. "Bladder Cancer Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, December 2019.
22. "Intact Prostate Cancer Radiation Therapy Case Discussion." Resident Lecture, Stanford Department of Radiation Oncology, December 2019.