**ASTRO Meeting 2019 Participation**

**Special Session:**  
**Sunday, September 15**  
10:15 – 11:45 AM  
**Location:** Room W192  
*Presidential Symposium II*  
*EL12 – We Have Not Maximized the Radiotherapeutic Potential for Curing Brain Metastases*  
**Moderator:** R. Bindra

**Industry-Expert Theater:**  
**Sunday, September 15**  
12:15 – 1:15 PM  
**Location:** Theater 2, ASTRO Innovation Hub  
*Optimizing Concurrent Chemoradiation Therapy in Unresectable Stage III Non-Small Cell Lung Cancer*  
**Speaker:** R. Decker

**Poster Viewing Q&A:**  
**Sunday, September 15**  
1:15 – 2:30 PM  
**Location:** ASTRO Innovation Hub  
*Session 1*  
SU_23-3146 – *Predictors of Toxicity from Stereotactic Body Radiotherapy (SBRT) for Lung Tumors Ultra-Central or Central to Heart, Esophagus, or Proximal Bronchial Tree*  
**Authors:** E. Chang, R. Decker, X. Hu, J.B. Yu, C. Gross, N. Lester-Coll  
SU_46_3719 – *Quantification of Image-Guidance Benefit in Image-Guided Radiotherapy of Cancers*  
**Authors:** L. Zhou, J. Deng

**Mini-Oral Scientific Session:**  
**Sunday, September 15**
1:15 – 2:30 PM
**Location:** Room W176
*Digital Health/Informatics 1*
2:15 – 2:20 PM, 1012 – *Deep Neural Networks for Radiographic Risk Stratification of Gliomas*
**Presenters:** S.J. Gao, B.H. Kann, R.S. Bindra, J.N. Contessa, J.B. Yu, S. Aneja

**Mini-Oral Scientific Session:**
**Monday, September 16**
8:00 – 9:00 AM
**Location:** Room W179
*Lung 1 – Modifying the Landscape of Thoracic Radiation Oncology*
8:10 – 8:15 PM, 1066 – *An Externally Validated Nomogram to Predict Distant Metastases after Stereotactic Body Radiation Therapy in Early Stage Non-Small Cell Lung Cancer Patients*
**Presenters:** S.J. Gao, A. Dosoretz, T. Shafman, C. Gross, J.B. Yu, R.H. Decker

**Scientific Session:**
**Monday, September 16**
8:00 – 9:00 AM
**Location:** Room W186
*Patient Safety*
8:30 – 8:40 AM, 46 – *A Blinded, Prospective Study of Problematic Plan Detection During Physician Chart Rounds*
**Presenters:** W. Talcott, H. Lincoln, J. Kelly, L. Tressel, L. Wilson, R. Decker, S. Evans
8:50 – 9:00 AM – S. Evans

**Mini-Oral Scientific Session:**
**Monday, September 16**
10:45 AM – 12:15 PM
**Location:** Room W175
*Anorectal and Liver Cancers*
10:45 – 10:50 AM, 1086 – *Multi-Institutional Comparison of Intensity Modulated Photon Versus Proton Radiotherapy in the Management of Squamous Cell Carcinoma of the Anal Canal*

**Poster Viewing Q&A:**
**Monday, September 16**
10:45 AM – 12:00 PM
**Location:** Digital Poster Viewing
*Session 2*
**MO_5_2182 – Upfront Stereotactic Radiosurgery in the Treatment of Brain Metastasis from Small Cell Lung Cancer**  
**Presenters:** J.A. Miccio, S. Johnson, V. Jairam, J. Yu, J. Hansen, S. Aneja, An Yi, R. Decker, S. Omay, V. Chiang, H. Park

**MO_17_2304 – Endometrial Cancer Risk Prediction and Stratification Using Personal Health Data**  
**Presenters:** G. Hart, Y. Liang, B. Nartowt, W. Muhammad, G. Huang, J. Deng

**MO_39_3042 – A Prototype of Personal Organ Dose Tracking in Radiotherapy**  
**Presenters:** Y. Liang, W. Muhammad, J. Deng, G. Hart, B. Nartowt

**MO_27_2908 – Prognostic significance of Human Papillomavirus and Epstein-Bar Virus in Nasopharyngeal Carcinoma**  
**Presenters:** N. Verma, S. Patel, V. Osborn, S. McBride, N. Riaz, E. Sherman, N. Lee, C.J. Tsai

**MO_26_2861 – Clinical Outcomes of Head and Neck Cancer Patients who Undergo Resection, but Forgo Adjuvant Therapy**  
**Presenters:** G. Loganadane V, B.H. Kann, H.S.M. Park, S.B. Johnson, S. Mehra, B.L. Judson, A. Bhatia, Y. Belkacemi, W. Yarbrough, B. Burtness, and Z.A. Husain

**MO_17_2299 – A Model of Risk of Colorectal Cancer Tested between Studies: Building Robust Machine Learning Models for Colorectal Cancer Risk Prediction**  
**Presenters:** B. Nartowt, G.R. Hart, W. Muhammad, Y. Liang, and J. Deng

**MO_18_2309 - In silico Simulation to Quantify Liver Cancer Risk with Smoking**  
**Presenters:** W. Muhammad, G.R. Hart, B. Nartowt, and J. Deng

---

**Scientific Session:**  
**Monday, September 16**  
10:45 AM – 12:00 PM  
**Location:** Room W183  
**GU 2 – Prostate Post-op, Prognostic Factors and High Risk**  
11:05 – 11:15 AM, 79 – Associations of Stromal Infiltration with Prognosis and Response to Postoperative Radiotherapy in Prostate Cancer  
**Presenter:** W. Chen

**Scientific Session:**  
**Monday, September 16**  
10:45 AM – 12:00 PM  
**Location:** Room W185  
**Lung 2 – Novel Immunotherapy/Radiation Approaches to NSCLC and PCI for SCLC**  
11:15 – 11:25 AM, 74 – Final results of a Phase II Prospective Trial Evaluating the Combination of Stereotactic Body Radiotherapy (SBRT) with Concurrent Pembrolizumab in Patients with Metastatic Non-Small Cell Lung Cancer (NSCLC)  
**Presenters:** A.M. Campbell, W.L. Cai, D. Burkhardt, S.N. Gettinger, S.B. Goldberg, M. Amodio, S. Kaech, S. Krishnaswamy, R.H. Decker

---

**Meet the Expert Q&A:**  
**Monday, September 16**
12:30 – 1:00 PM  
**Booth**: Lung  
74 – **Final results of a Phase II Prospective Trial Evaluating the Combination of Stereotactic Body Radiotherapy (SBRT) with Concurrent Pembrolizumab in Patients with Metastatic Non-Small Cell Lung Cancer (NSCLC)**  

**Mini-Oral Scientific Session:**  
**Monday, September 16**  
4:15 – 5:30 PM  
**Location**: Room W176  
*Biology 3 – Innovative Approaches to Improve Therapeutic Response*  
5:20 – 5:25 PM – J.N. Contessa

**Mini-Oral Scientific Session:**  
**Tuesday, September 17**  
1:00 – 2:15 PM  
*Pediatric 1 – Practice Patterns of Pediatric Image-Guided Radiotherapy (IGRT): A Children’s Oncology Group Report*  

**Poster Viewing Q&A:**  
**Tuesday, September 17**  
1:00 – 2:15 PM  
**Location**: Digital Poster Viewing  
*Session 3*  
TU_2_2341 – **Mentorship in Radiation Oncology: Role of Gender Diversity in ASTRO Abstract Presenting and Senior Author Dyads on Subsequent High-Impact Publications**  
**Authors**: A. Lee, A. Albert, K. Griffith, S. Evans, E. Rahimy, J. Moran, L. Cervino, H. Park, R. Jagsi  
TU_3_2350 – **Quality at the American Society for Radiation Oncology (ASTRO) Annual Meeting: Gender Balance among Invited Speakers and Associations with Panel Success**  
**Authors**: E. Rahimy, R. Jagsi, H. Park, J. Moran, L. Cervino, A. Albert, A. Lee, S. Evans  
TU_8_3038 – **Adoption of Hypofractionated Radiotherapy and Influence on Total Fractions Delivered Across Different Primary Cancers in the United States**  
**Authors**: V. Jairam, J.B. Yu, H.S. Park  
TU_9_3043 – **Nationwide Patterns of Pathologic Fractures Among Patients Hospitalized with Bone Metastases**  
**Author**: V. Lee
TU_11_3059 – Relationship Between Intern Experience and Inpatient Consults to Radiation Oncology
Authors: J.M. Beckta, A. Blakaj, J.A. Miccio, V. Jairam, J.B. Yu.

TU_22_3480 – MGMT-Deficiency is a Biomarker to Guide Treatment of Solid Tumors with Temozolomide and ATR Inhibitors
Author: C. Jackson, BS (R. Bindra, Mentor)

TU_22_3481 – Temozolomide-Resistant Glioma Cells are Sensitive to Chloroethylating Nitrosourea Compounds in Combination with ATR Inhibitors
Author: C. Jackson, BS (R. Bindra, Mentor)

TU_44_3831 – Impact of Tissue Heterogeneity Correction Stereotactic Radiosurgery of Acoustic Neuromas
Authors: G. Welch, C. Tien, V. Chiang, J. Yu, S. Aneja

TU_2328 – Visiting Professorship in Academic Radiation Oncology
Authors: W. Beeler, K. Griffith, S. Evans, D. Golden, R. Jagi

Poster Viewing Q&A:
Tuesday, September 17
1:00 – 2:15 PM
Location: Digital Poster Viewing
Session 3
TU_7_2426 – Multi-Institutional Evaluation of Curative Intent Chemoradiotherapy for Patients with rels T1N0 Esophageal Adenocarcinoma

Scientific Session:
Tuesday, September 17
2:45 – 4:00 PM
Location: Room W176
Digital Health/Informatics 2
Moderator: S. Aneja
3:35 – 3:45 PM, 146 – External Validation and Radiologist Comparison of a Deep Learning Model (DLM) to Identify Extranodal Extension (ENE) in Head and Neck Squamous Cell Carcinoma (HNSCC) with Pretreatment Computed Tomography (CT) Imaging
Presenters: B.H. Kann, D. Hicks, S. Payabvash, A. Mahajan, V. Gupta, B.A. Burtness, Z.A. Husain, S. Aneja
Special Session:
Tuesday, September 17
3:45 – 4:00 PM
Location: Room W175
Research Spotlight: ASTRO’s Research Award Winners
The Effect of Race and Decision Aids on Provider Recommendation for Prostate Cancer Treatment Planning: A Randomized Study

Interactive Panel:
Tuesday, September 17
4:45 – 6:00 PM
Location: Room W181
Patient Safety
Panel 18 – Incident Investigation without Shame and Blame: Just Handling of Whoppers and Whoopsies
4:50 – 5:05 PM – Understanding why Whoppers and Whoopsies Happen
Presenter: S. Evans
5:05 – 5:20 PM – Building a Just Investigation Team
Presenter: S. Lombardi

Interactive Panel:
Tuesday, September 17
4:45 – 6:00 PM
Location: Room W181
Health Services Research
Panel 19
Assessing the Use and Effectiveness of Precision Oncology with Real World Data
Speaker: C. Gross

Scientific Session:
Tuesday, September 17
4:45 – 6:00 PM
Location: Room W176
Biology 6 – Experimental Therapeutics and Target Discovery
5:35 – 5:45 PM, 159 – Whole Genome CRISPR-Cas9 Screen Identifies STING as a Determinant of Intrinsic Radiosensitivity in Head and Neck Squamous Cell Carcinoma
Presenters: T.J. Hayman, M. Baro, W. Cui, J.N. Contessa

Educational Session:
Wednesday, September 18
8:00 – 9:00 AM
Location: Room W183
Introduction to Big Data Analytics and Artificial Intelligence

**Presenter:** J. Deng

**Mini-Oral Scientific Session:**
**Wednesday, September 18**
8:00 – 9:00 AM
**Location:** Room W178
**HSR 2 – Patient Centered Health Services Research**
8:45 – 8:50 AM, 1226 - The Effect of Race and Decision Aids on Provider Recommendation for Prostate Cancer Treatment Planning: A Randomized Study

**Mini-Oral Scientific Session:**
**Wednesday, September 18**
11:15 AM – 12:30 PM
**Location:** Room W190
**GYN 2 – Innovation in Gynecologic Malignancies**
11:20 – 11:25 AM, 1238 – Stage III Uterine Serous Carcinoma: Improved Outcomes in the Modern Era with Multi-Modality Treatment
**Presenters:** J. Li, M. Young, G. Huang, B. Litkouhi, A. Santin, P.E. Schwartz, S. Damast

**Mini-Oral Scientific Session:**
**Wednesday, September 18**
1:15 – 2:30 PM
**Location**
**Physics 11-Hardware Technologies and Treatment Delivery**
1265 – Focused kV X-ray Radiotherapy for Ocular Diseases
**Presenters:** W. Liu, H. Yan, C. MacDonald, K. B. Roberts, Z. Chen, R. Nath

**Scientific Session:**
**Wednesday, September 18**
2:45 – 4:00 PM
**Location:** Room W176
**GI 6 – Hepatopancreaticobiliary**
**Moderator:** K. Johung

**Mini-Oral Scientific Session:**
**Wednesday, September 18**
2:45 – 4:00 PM
**Location:** Room W176
**Physics 13 – Treatment Planning and Motion Management**
**Moderator:** X. Tang