

2017-2022



Trainee Publications

Sidney Kimmel Medical College
Department of Radiation Oncology
Sidney Kimmel Cancer Center
Thomas Jefferson University

Department of Radiation Oncology

Residency Program



Adam P. Dicker, MD, PhD
Enterprise Senior VP,
Chair and Professor,
Dept. of Radiation Oncology
Director, Jefferson Institute
for Digital Health and
Data Sciences



Lydia Komarnicky, MD
Professor of Radiation Oncology
Director, Radiation Oncology
Residency Program and Medical
Student Clerkships

The Department of Radiation Oncology offers a dynamic and comprehensive residency program. As a hospital-based service with a major academic role within the medical college, our department considers resident training its most important academic function.

Resident physicians complete our training program as highly capable medical professionals, prepared for their American Board of Radiology (Radiation Oncology) certification examinations and are more than ready to competently practice radiation oncology without supervision. They achieve this status under the guidance of staff radiation oncologists and medical physicists.

Every day attending physicians and residents engage in one-to-one teaching and learning through carefully structured academics and hands-on experience with a high volume of patients from a population experiencing a broad range of cancers.

Our department's radiation program for cancer is one of the largest in the Delaware Valley, treating approximately 100 patients daily at Thomas Jefferson University Hospital facilities and approximately 60 patients at each of our affiliated facilities: Jefferson Torresdale Hospital, Asplundh Cancer Pavilion, and Sidney Kimmel Cancer Center – Washington Township, totaling about 70,000 radiation therapy treatments annually.

The multi-disciplinary programs coordinated through Jefferson's Sidney Kimmel Cancer Center, and predominantly housed at the Bodine Center for Cancer Treatment, continue to expand. Currently, we run multidisciplinary clinics in genitourinary, thoracic, sarcomas, liver tumors, as well as central nervous system tumors. In addition, several multidisciplinary conferences take place each week.

To further expand the exposure of our residents, the department has in place rotations in pediatric radiation oncology rotation at St. Jude Children's Research Hospital in Memphis, Tennessee, and a Cyberknife/LDR prostate brachytherapy rotation at Christiana Care in Newark, Delaware. The residents who have completed these rotations have had outstanding clinical experiences.

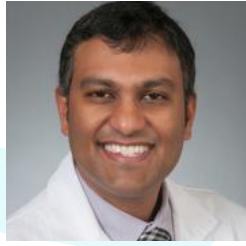
Today, technological upgrades are significantly changing our treatment planning and delivery. Jefferson staff and residents selectively analyze the relative benefits of these new tools so that we can advise our colleagues and community.

Our department is also rich in research experience and activity. Residents interested in research are sure to gain involvement in clinical, translational, or basic science research projects. Together with the faculty, our residents have a long tradition of presentations at national meetings and peer-reviewed publications. Learning also comes from experienced oncology nurses, technical staff, and scientists in our department and throughout the university.

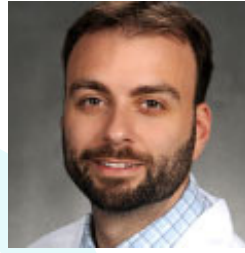
Trainees (2017-2022)



Nicholas Zaorsky, MD
Associate Professor
Case Western Reserve University



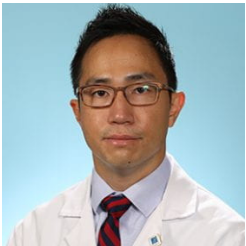
Gaurav Shukla, MD, PhD
Attending Physician
Christiana Care Health System
Helen F. Graham Cancer Center



Gregor Manukian, MD, PhD
Attending Physician
Berks Radiation Oncology Associates



Christian Fernandez, MD
Attending Physician
Cook County Hospital



Hyun Kim, MD
Assistant Professor
Washington University
School of Medicine



Shivank Garg, MD
Assistant Professor
University of
Massachusetts - Baystate



Andrew Song, MD
Attending Physician
Inova Schar
Cancer Institute



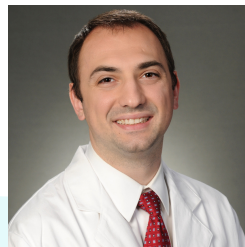
Victor Chen, MD
Attending Physician
The Oregon Clinic



Kamila Anna Nowak-Choi, MD
Assistant Professor
University of Maryland



Brittany Simone, DO
Assistant Professor
Upstate Medical University



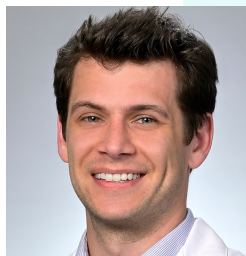
David Gasalberti, MD
Attending Physician
AtlantiCare



James Taylor, MD, MPH
Attending Physician
GenesisCare



Noelle Williams, MD
Attending Physician
Southeast Radiation
Oncology Group

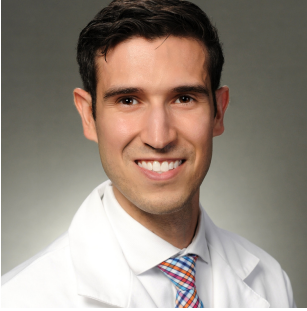


Joseph Marascio, MD
Attending Physician
University of Pennsylvania



Benjamin Greenberger, MD
Attending Physician
University of Pittsburgh Medical Center

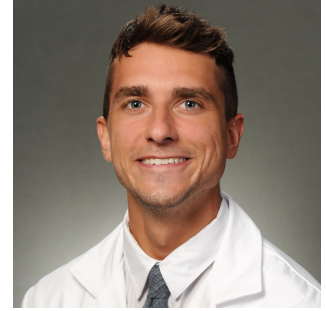
Current Trainees



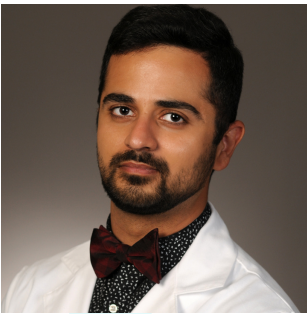
Joseph Lombardo, DO, PharmD
PGY-5
Chief Resident



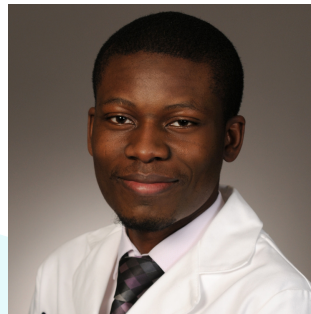
Ayesha Ali, MD
PGY-5



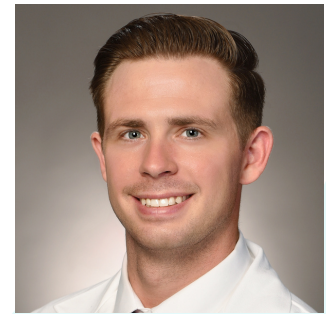
Ryan Miller, MD
PGY-5



Muneeb Niazi, DO
PGY-4



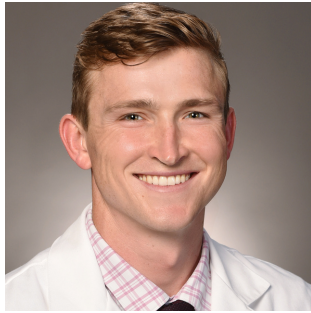
Omoruyi Credit Irabor, MD, MPH
PGY-4



Louis Cappelli, DO
PGY-3



Talya Laufer, MD
PGY-3



Spencer Poiset, MD
PGY-3



Olga Russial, DO
PGY-3



Nilanjan Haldar, MD
PGY-2

Publications

Names in **bold** denote a trainee in the Department of Radiation Oncology

1. Lucas JT Jr, Serrano N, **Kim H**, Snyder SE, Hwang S, Li Y, Hua CH, Broniscer A, Merchant TE, Shulkin B: ¹¹C-Methionine positron emission tomography delineates non-contrast enhancing tumor regions at high risk for recurrence in pediatric high-grade glioma. *J Neurooncol*. 2017 Mar; 132(1):163-70. PMID: 28078638
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10. Guo J, **Kim H**, Kalchman I, Dan T, Zhan T, Werner-Wasik M: The influence of health insurance policy on radiation oncology physician SBRT/SABR use practices: A North American Survey. *Int J Radiat Oncol Biol Phys*. 2017 Nov 1;99(3):524-29. PMID: 29280445
11. **Song A**, Lu B: Utility of stereotactic ablative radiotherapy/stereotactic body radiation therapy in the setting of oligometastatic non-small cell lung cancer. *J Thorac Dis*. 2018 Feb;19(2):657-660. PMID: 29607130

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