Department of Radiation Oncology Newsletter

Mount Sinai

Spring 2025

Message from the Chair

During the past several months, our department has realized a number of programmatic, research, and educational accomplishments for which we are very proud.

We continue to grow our research and funding portfolio. Members of the department have received grant support from the NIH and industry. The focus on these grants includes identifying factors that can be targeted to enhance tumor immunity; examining immune determinants modulating cancer development in Lynch syndrome; and developing a generative AI-driven automated radiotherapy treatment planning system for locally advanced lung cancer.

On the clinical front, in this issue you will learn about some initiatives the department is pursuing. We now have a dedicated program offering low-dose radiation therapy to alleviate the painful symptoms of osteoarthritis. This is a radiation therapy technique that had been used more frequently in the past but has been growing in usage due to its effectiveness and limited side effects. Additionally, we successfully transitioned the COMS Eye Plaque Program to The Mount Sinai Hospital campus from the New York Eye and Ear Infirmary of Mount Sinai to improve care for patients suffering from ocular melanoma.

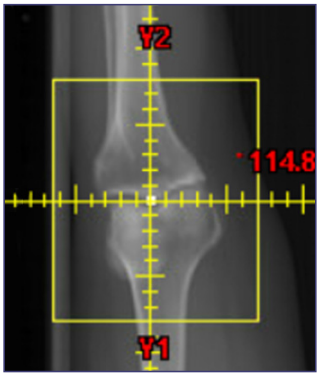
Once again, our radiation oncologists, physicists, radiation therapists, and medical students delivered an impressive number of oral and poster presentations at the 2024 annual meetings of our professional societies, including ASTRO, ARS, and ASRT, which we highlight beginning on page 4.

Kenneth Rosenzweig, MD
Professor and Chair, Department of Radiation Oncology

Featured Programs

The Re-Emergence of Low-Dose Radiation Therapy for Osteoarthritis

Osteoarthritis (OA) exacts a heavy toll on patients and on the economy. It is the second leading cause of disability, affects more than 32.5 million adults, is projected to reach 78 million adults by 2040, and is the second most costly health condition in the United States. Over the past several decades, a mounting body of evidence supports the application of low-dose radiation therapy (LDRT) for the treatment of symptoms of osteoarthritis and other musculoskeletal conditions. The research continues to accrue data validating the safety and efficacy of the procedure and its success in reducing pain and improving mobility for patients. With this in mind, and the recognition of the substantial experience with LDRT acquired in other countries, the Department of Radiation Oncology is pleased to announce the launch of our Low-Dose Radiation Therapy Program for patients with osteoarthritis and nonmalignant disorders.



One month after completing RT for signficiant bilateral knee pain, a 68-year-old female patient experienced nearly complete resolution of her pain and was able to forego use of a cane.

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Low-Dose Radiation Therapy for Osteoarthritis (continued)

For advanced osteoarthritis, LDRT offers patients a non-invasive approach to relieve symptoms and improve quality of life when standard treatments such as NSAIDs and intra-articular injections have failed or are contraindicated. It is also an option for patients who do not want to undergo joint replacement surgery.

Studies show that patients receiving low-dose radiation therapy for OA have an estimated 70% chance of significant pain reduction, with relief lasting up to two years in 80% of patients. In 2021, results of one of the largest studies involving retrospective analysis of 970 patients ≥65 years old with OA treated with LDRT showed immediate and significant decrease in pain intensity.

While the use of LDRT dates back more than 125 years and has been used for decades to treat OA in other countries, it was abandoned in the United States in favor of newer therapies, including NSAIDs and reconstructive surgery. The LDRT approach re-emerged in the U.S. in the past few years as a viable treatment option for patients with OA in light of increasing evidence demonstrating its safety and efficacy.

Treatment involves a minimal dose of radiation – a much smaller percentage than is used for cancer – and is delivered over the course of approximately 15 minutes with a total of six treatments two to three times per week. Due to the low radiation dose, the therapy is well tolerated with essentially no adverse effects. This short-term treatment offering long-term relief is also widely applicable to other joints and nonmalignant conditions.

Low-dose radiation therapy offers patients a noninvasive and safe approach to relieve symptoms of OA and improve function, mobility, and quality of life.

COMS Eye Plaque Program Moves to The Mount Sinai Hospital

A highly effective specialized procedure for ocular melanoma is now available in the Department of Radiation Oncology at The Mount Sinai Hospital. The COMS eye plaque procedure, developed by the Collaborative Ocular Melanoma Study, requires the expertise of ophthalmologists, radiation oncologists, medical physicists, and the operating room team. The complex surgical technique involves temporarily suturing a radioactive plaque using I-125 or Pd-103 onto the surface of the eye where it remains for three to seven days. This allows for eye preservation during the delivery of a concentrated dose of radiation directly to an ocular melanoma tumor.

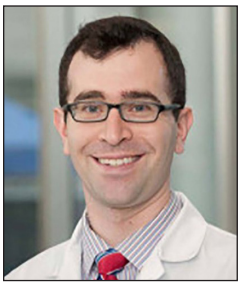
COMS Eye Plaque Program team marks its first case under Dr. Paul Finger.

The Department of Radiation Oncology oversaw the successful transition of the COMS Eye Plaque Program from New York Eye and Ear Infirmary of Mount Sinai to The Mount Sinai Hospital. The intricate relocation effort encompassed amending Mount Sinai Hospital's Radioactive Materials (RAM) license; streamlining isotope ordering and billing; refining an in-house eye plaque assembly process; and implementing high level disinfection protocols within the Department of Radiation Oncology. In addition, our physics team refined workflows to enhance both safety and efficiency. In just one month, we treated our first patient at Mount Sinai Hospital on September 25, 2024.

This achievement is a testament to the power of teamwork, innovation, and dedication to patient care. Congratulations to everyone involved!

Recent Grant Awards

Robert M. Samstein, MD, PhD



A radiation oncologist and a physician scientist in the Precision Immunology Institute at Mount Sinai, Dr. Samstein pursues research to understand the interaction between the patient's immune system and cancer cells in the tumor to harness the immune anti-tumor response and expand the therapeutic window of traditional immunotherapies. A prolific, well-funded investigator, Dr. Samstein was awarded – individually and as a member of a team of principal investigators at Mount Sinai – four NIH grants in 2024: an R01 research project grant, which supports independent, investigator-initiated research projects in a specific area of scientific interest and competence, allowing researchers to pursue their own research goals over a set period, usually up to five years; two U01 grants, which support high-priority research areas, including high-risk clinical trials; and a UG3 grant, which funds the first phase of a two-phase, milestone-driven cooperative agreement designed for exploratory and/or developmental research.

R01: Immunogenetic Determinants of Cancer Risk

Dr. Samstein is investigating the contribution of immuno-genetics on the efficiency of tumor immune surveillance and its ultimate effect on cancer risk. Using large prospective cohorts of individuals with deep genetic and phenotypic data, the research team is studying the relationship of HLA diversity and lung and melanoma cancer risk and the interaction of HLA immunogenetics with environmental risk factors. A murine carcinogen induced lung cancer model will offer validation of causality as well as mechanistic insights for therapeutic targets. The insights gained from these studies will potentially identify an important biomarker for increased cancer screening and the mechanism of HLA-mediated immune surveillance of early tumors to guide treatment and prevention strategies.

U01: Spatial Functional Genomics to Identify Regulators of the Tumor Microenvironment and Cancer Immunity

Dr. Samstein, together with Brian D. Brown, PhD, Associate Director, and Miriam Merad, MD, PhD, Director, Precision Immunology Institute at Mount Sinai, seek to identify vulnerability factors that can be targeted to enhance tumor immunity and improve cancer treatment. Focused on non-small cell lung cancer, pancreatic ductal adenocarcinoma, high grade serous ovarian cancer, and oral squamous cell carcinomas – the study outcome will determine the roles of hundreds of genes in many processes critical to unimpeded cancer growth, including identifying those genes shielding cancers from immunity. In doing so, the researchers will generate insights into mechanisms of aggressive tumor behavior and treatment resistance that will help to improve and personalize treatment selection and drive the immediate next steps towards the development of novel therapeutic strategies.

U01: Examining the Effect of Biological Sex on the Tumor Microenvironment and Immunotherapy Response

As a sub-study of a parent grant focused on determining the genes regulating tumor composition in order to enhance tumor immunity, this project seeks to dissect immune mechanisms of biological sex differences in response to immunotherapy and the tumor microenvironment.

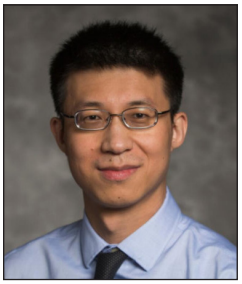
UG3: Immune Determinants Modulating Cancer Development in Lynch Syndrome

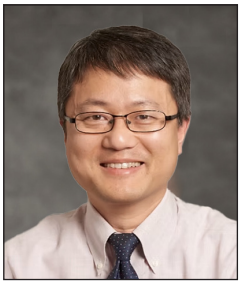
Lynch syndrome is associated with DNA mismatch repair (MMR) pathway impairment and is an ideal setting for design of cancer prevention strategies, and identification of antigen-specific T cell responses involved in immune surveillance and escape. Dr. Samstein, along with Aimee Lucas, MD, Director of Mount Sinai's Pancreatic Cancer Prevention and Surveillance Clinic and the Gastrointestinal Cancer High-Risk Clinic, and Nina Bhardwaj, MD, PhD, Director of Immunotherapy and Co-Director of the Cancer Immunology Program at the Tisch Cancer Institute of Mount Sinai, are investigating the hypothesis that high-quality shared neoantigen expression and a functional T cell repertoire capable of clearing MMR deficient lesions deter progression of premalignant polyps to overt cancer. By determining features of the polyp microenvironment that promote tumor development, their goal is to identify actionable targets for prevention/interception strategies.

Research Review

Recent Grant Awards

Jiahan Zhang, PhD, and Junyi Xia, PhD





Varian: Planning Copilot: Generative AI-Driven Automated Radiotherapy Treatment Planning System for Locally Advanced Lung Cancer

Medical physicists Jiahan Zhang, PhD, and Junyi Xia, PhD, have received an industry grant from Varian to develop "Planning Copilot," an innovative software tool designed to improve treatment planning efficiency and consistency while reducing the need for human interaction with the planning system. Currently, knowledge-based planning has failed to reach the majority of smaller clinics – those in critical need of efficient, high-quality planning solutions.

By combining a modular planning approach and advanced reasoning capabilities from generative AI, Planning Copilot can automate a significant portion of the treatment planning process, improving planning efficiency. This synergy between human expertise and AI-driven efficiency is essential to scaling up treatment capacity without compromising quality and helping small clinics produce high-quality treatment plans.

2024 Conference Presentations

ASTRO: American Society for Radiation Oncology

Moderators

Clinical Trials Session

Co-Moderator: Kenneth Rosenzweig, MD, Chairman, Department of Radiation Oncology

Discussions of promising findings from national and international clinical trials involving radiation therapy alone or in combination with other modalities for hard-to-treat cancers

Plenary Session

Co-Moderator: Kenneth Rosenzweig, MD, Discussant: Robert Samstein, MD, PhD

Research presentations in radiation therapy that advance the patient experience and quality of life

Breaking Through Resistance: Novel Approaches in NHL Radiation Therapy

Richard Bakst, MD

Breast Cancer 3: Toxicity

Manjeet Chadha, MD, Director, Radiation Oncology, Mount Sinai Downtown

GI Cancers: From Top to Bottom

Michael Buckstein, MD, PhD, Program Director, Radiation Oncology Residency Program

Panelist

Business of Radiation Oncology

Kimberly Smith, MPA, FACHE, System Vice President, Radiation Oncology Services

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ASTRO: American Society for Radiation Oncology (continued)

Oral Presentations

ASTRO-AstraZeneca Industry Fellowship and Residency Training (ADROP Annual Meeting)
Kristin Hsieh, MD

The HEART Team Protocol: A Strategic Approach to High-Risk Patient Management in Adult Oncology to Reduce Emergency Room Visits and Hospital Admissions
Yun Jeong Seo, DNP, APRN, FNP-C, AOCNP, Nurse Practitioner

Workshop

No Longer "Taboo:" An Interactive Workshop for Providers Navigating Compassionate Conversations with Sexual and Gender Minority (SGM) Patients
Daniel Dickstein, MD

Poster Presentations

Rural Practice Choice Among Radiation Oncology Graduates, 2015 to 2022
Kristin Hsieh, MD, and Catherine Yu, MD Candidate

Assessing Individuals Who Graduate from a U.S. Radiation Oncology Residency Program and Subsequently Pursued a Fellowship
Kristin Hsieh, MD

Improving Academic Productivity or Raising Ethical Concerns? Time-Series Analysis of AI-Assisted Scientific Writing
Charlotte Read, MS, Medical Physicist Resident

Alpha Fetoprotein Kinetics in Unresectable Hepatocellular Carcinoma Treated with Concurrent Radiation and Immunotherapy
Daniel Cherry, MD, MAS, PGY4 Radiation Oncology Resident

Concurrent Radiation and Immunotherapy for Unresectable Hepatocellular Carcinoma with Portal Vein Thrombus
Nithya Krishnamurthy, Medical Student

Outcomes of Salvage Ablative Radiotherapy on Hepatocellular Carcinoma for Isolated Location Recurrence in Regional Lymph Nodes and Adrenal Glands
Joo Yeon Shin, Medical Student, and Kristin Hsieh, MD

Implications for Reducing Erectile Dysfunction Following Prostate Radiotherapy
Tian Liu, PhD, System Chief of Physics

Advancing Image-Based Assessment of Long-Term Parotid-Gland Toxicity in Head and Neck Cancer Radiotherapy: Ultrasound Radiomics and Machine Learning
Tian Liu, PhD, System Chief of Physics

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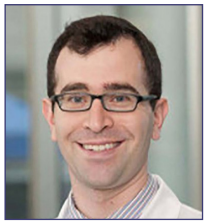
ASTRO: American Society for Radiation Oncology (continued)


Kenneth Rosenzweig, MD


Robert Samstein, MD, PhD


Richard Bakst, MD


Manjeet Chadha, MD


Michael Buckstein, MD, PhD


Kimberly Smith, MPA, FACHE

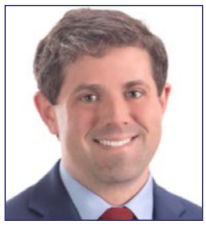

Kristin Hsieh, MD


Yun Jeong Seo, DNP, APRN, FNP-C, AOCNP


Daniel Dickstein, MD


Catherine Yu, MD Candidate


Charlotte Read, MS


Daniel Cherry, MD, MAS


Nithya Krishnamurthy, Medical Student


Tian Liu, PhD

ASRT: American Society of Radiologic Technologists

Oral Presentations

Safety in Motion: Optimizing Patient Handling and Care with the Ambulatory Safety Check
Vincent Gazzara, RT(T), Lead Radiation Therapist, and Mark Roytman, RT(T), Lead Radiation Therapist

Accuray Hour: Professional Growth and Various Careet Pathways of Radiation Therapists
Samantha Skubish, MS, RT(R)(T), Chief Technical Director

Implementing Triggered Imaging with Auto Beam Hold for Prostate Treatment
Samantha Cariello, RT(T), Senior Radiation Therapist

Success with Advanced Practice Radiation Therapy Novel Outcomes and Initiatives for Modern Radiation Oncology Practice
Clodagh Starrs, MSc, RTT, Advanced Practice Radiation Therapist
Danielle McDonagh, MS, RT(T), Clinical Coordinator, Radiation Therapy Education and Research

Preliminary Clinical Outcomes Using the Ultrasound Bladder Scanner for Controlling Bladder Filling In Prostate Patients Receiving External Beam Radiation Therapy
Clifford Temple, RT(T), Lead Radiation Therapist

Focus on Faculty

- Eleven of our radiation oncologists across the Mount Sinai Health System were recognized by Castle Connolly Top Doctors.

These physicians are peer nominated and represent the top 7% of all United States practicing physicians.

- Serving as faculty for the 10th Annual Best in Radiation Oncology 2025 Hybrid CME Conference sponsored by Northwell Health on February 7, 2025, were **Dr. Richard Bakst** addressing the latest advances in head and neck malignancies; **Dr. Karyn Goodman** updating the audience on GI malignancies; **Dr. Rendi Sheu** presenting on a decade of evolution in medical physics and its impact in radiation oncology at the Mount Sinai Health System; and **Dr. Jingqiao Zhang** who participated in a panel discussion on preparing the next generation of medical physicists for an AI-driven landscape.

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Dr. Stanislav Lazarev has been promoted to Associate Professor – Radiation Oncology. Dr. Lazarev is a specialist in central nervous system (CNS) tumors, including primary and metastatic brain and spinal cord tumors in both children and adults; lepto-meningeal disease; pediatric tumors; re-irradiation of CNS, thoracic, and hepatobiliary tumors; and radiation treatment of primary thoracic and hepatobiliary tumors using proton beam therapy. Dr. Lazarev's dedication to education was recognized with the Association of Residents in Radiation Oncology (ARRO) Educator of the Year Award in both 2022 and 2024. From 2022 to 2024, he served as the Associate Program Director of the Mount Sinai Radiation Oncology Residency Program from which he graduated and served as chief resident. In 2024, Dr. Lazarev was honored with the Cullman Family Award for Excellence in Provider Communication out of over 117,000 providers surveyed nationwide. He was among 89 Mount Sinai providers who ranked in the top 5% nationally in this domain as measured by the Press Ganey 2023 patient experience surveys.

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Dr. Daniel Dickstein, a 2025 graduating PGY5 radiation oncology resident, is an incoming attending physician in the Department of Radiation Oncology at Mount Sinai. In addition to his clinical expertise, Dr. Dickstein is an exceptional researcher who received a prestigious American Society of Clinical Oncology (ASCO) Young Investigator Award in 2023 to pursue research to improve sexual health outcomes in sexual and gender minorities with prostate cancer. The results of his ASCO-funded project are included in the soon-to-be published article, Sexual Health Outcomes in Sexual Minority and Heterosexual Men after Prostate Radiation Therapy, in the *International Journal of Radiation Oncology • Biology • Physics*. In February 2025, Dr. Dickstein delivered an oral presentation, Mitigating the Effects of Prostate Cancer in Men Who Have Sex with Men, at the ESSM – European Society for Sexual Medicine Congress, with upcoming presentations scheduled on management of prostate cancer in sexual and gender minorities at the American Radium Society Conference and on sexual and gender minorities with cancer as part of the MCCAN Spotlight Series.

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A painting by **Richard G. Stock, MD**, a specialist in radiosurgery for urologic cancers in the Department of Radiation Oncology, was showcased in August 2024 in the Pamela Salisbury Gallery in Hudson, NY. The oil on linen painting – *Twin Trees* – was created by Dr. Stock in 2024. His full collection of paintings can be viewed at www.richardstockart.com/2024.

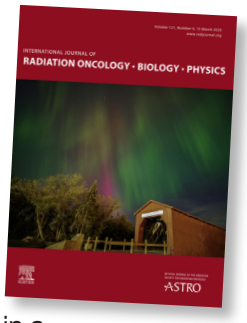
New and Noteworthy

A Major Milestone for Danielle McDonagh, DHSc, MS, RT(T)

Congratulations to **Danielle McDonagh, DHSc, MS, RT(T),** Clinical Coordinator for Radiation Therapy Research and Education, on successfully defending her dissertation titled, The Role of Clinical Competency-Based Education in Training Radiation Science Professionals.

Dr. McDonagh's research highlights the significant impact of competency-based education on preparing individuals for clinical practice. This dissertation marks the completion of her Doctor of Health Science (DHSc) degree in Healthcare Science and Clinical Education from the University of Bridgeport.

A Study on Mentorship in Radiation Oncology



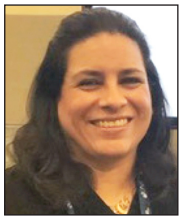
Dr. Kristin Hsieh, a PGY5 radiation oncology resident, is the first author of an article on mentorship published in the *International Journal of Radiation Oncology • Biology • Physics (Red Journal).* Additionally, Dr. Hsieh's study, A 5-Year, Multi-Institutional Mentorship Program in Radiation Oncology: The Society for Women in Radiation Oncology Experience, also was featured in a *Red Journal* podcast in which she was a participant. The research focused on a mentorship program for women, gender minorities, and those with intersecting marginalized identities at all stages of training for physicians and medical physicists created by the Society for Women in Radiation Oncology (SWRO). Dr. Hsieh and her co-authors presented the 5-year experience of the largest multi-institutional mentorship program, to their knowledge, in radiation oncology.

Podcast: https://www.redjournal.org/audio-do/red-journal-podcast-march-15-2025

Hsieh K, Yu C, Corriher TJ, Ponce SB, Nguyen K, Wong W, Croke J, Kachnic LA, Jagsi R, Taswell CS. A 5-Year, Multi-Institutional Mentorship Program in Radiation Oncology: The Society for Women in Radiation Oncology Experience. *Int J Radiat Oncol Biol Phys.* 2025 Mar 15;121(4):863-870. Epub 2024 Oct 22. https://doi.org/10.1016/j.ijrobp.2024.10.027

Quality Improvement Project Targets Handoff Communication

Yun Jeong Seo, DNP, APRN, FNP-C, AOCNP



Irene Braccia, MSN, RN, OCN

A quality improvement project by **Yun Jeong Seo, DNP, APRN, FNP-C, AOCNP,** Nurse Practitioner, and **Irene Braccia, MSN, RN, OCN,** Nurse Manager, Radiation Oncology, and their colleagues has led to important revisions for handoff communication that takes place between the inpatient clinical service team and the radiation oncology team when patients are scheduled for radiation therapy.

The project involved establishing and implementing a new workflow. Collaborating with the Epic team, a provider/medical order was developed for approval to treat the patient and to clear the patient to leave the unit for radiation therapy. The frontline provider would place the order once the patient was assessed during morning rounds. A Radiation Oncology Plan of Care was developed and documented in the Epic system. This plan of care contains pertinent treatment information, including indication for treatment; proposed radiation therapy plan; contact information; and how to view notes in Radiation Oncology's electronic medical record (EMR), MOSAIQ. Additionally, the hyperlink to connect MOSAIQ and Epic was reinforced. An Epic chat was initiated by a nurse in radiation oncology to remind the staff of scheduled treatment times and prepare for the patients coming for treatment. Once an order has been entered, a nurse would enter the approval in the Radiation Oncology EMR to notify the radiation therapists to call for the patient.

Educating the frontline staff involved collaboration with nursing leadership, medical providers, and nurse educators. Communication with the frontline providers has improved in the two years since implementation of the quality improvement project, which continues to evolve to ensure safe and high quality care for our patients.

Education Highlights

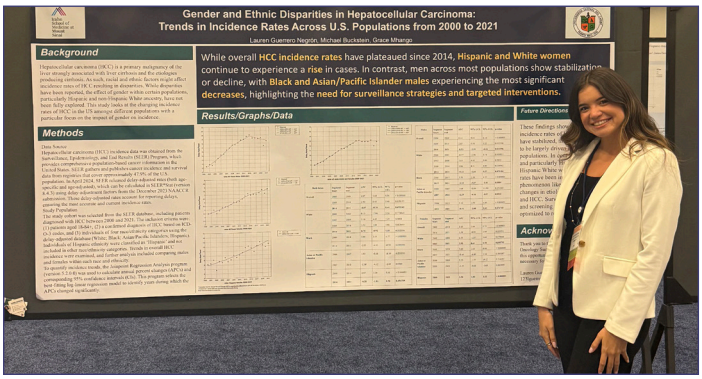
Introducing Medical Students to Radiation Oncology Research

Over the past two summers, the Department of Radiation Oncology has hosted three Mount Sinai Radiation Oncology Research Fellows to provide clinical and research experiences to medical students from underrepresented minority groups. **Dr. Stanislav Lazarev** and **Dr. Michael Buckstein** are thrilled to share that **Lauren Guerro** and **Yarelis Roque Reyes**, our 2024 summer research fellows, both had abstracts accepted for prestigious national platforms at meetings.

Ms. Guerro, a second-year medical student from Universidad Central del Caribe School of Medicine in Puerto Rico, delivered a poster presentation at ASCO GI in San Francisco titled, Gender and ethnic disparities in hepatocellular carcinoma: Trends in incidence rates across U.S. populations from 2000 to 2021.

The abstract by Ms. Reyes, who attends the same medical school in Puerto Rico, was accepted for an oral presentation at the upcoming American Radium Society (ARS) meeting in Seattle. Her project, Hope vs. Reality: Rethinking Whole Brain Radiation Therapy for Hospitalized Patients with Leptomeningeal Disease, was conducted under the mentorship of Dr. Lazarev.

We congratulate our research fellows and look forward to their very promising careers in oncology.



Lauren Guerro presents her poster on liver cancer at ASCO.

Mount Sinai Center for Radiation Sciences Education

Achieving the Maximum JRCERT Accreditation

We are delighted to announce that the Mount Sinai Center for Radiation Sciences Education at Stony Brook University has earned the maximum accreditation award of eight years from the Joint Review Committee on Education in Radiologic Technology (JRCERT) for both the Radiation Therapy and Medical Dosimetry programs. This achievement reflects the exemplary work of the educators and leadership of our outstanding programs and further highlights the strength of our partnership with Stony Brook University. Thank you to leadership, faculty, staff, lecturers, preceptors, mentors, and all those who contribute to the success of our educational programming.

Garnering Awards at RTANYS and NYSSRS State Conference

Our Mount Sinai radiation therapy students shined at the 2024 Radiation Therapy Association of New York State (RTANYS) and New York State Society of Radiologic Sciences (NYSSRS) Conference, where they competed in poster and essay categories on topics such as health disparities, cultural competency, health literacy, and geriatric care. We are so excited to share that they placed 1st, 2nd, and 3rd in posters and 1st and 2nd in essays. Presentations and writings by the students showcased their commitment to understanding diverse patient needs.

Mount Sinai Center for Radiation Sciences Education

Front Page News

The Fall 2024 issue of *Radiation Therapist* featured a cover story of a case study, High-Dose Gating Protocol for Deaf Patients in Radiation Oncology, by the Department of Radiation Oncology. The authors present the case of a 37-year-old patient who was deaf under treatment for stage IV sigmoid colon cancer that had metastasized to the liver. The team developed a new protocol that enabled the patient to breathe in a consistent, periodic, and reproducible manner via sign language interpretation and visual setup to take the place of instructions typically achieved through verbal coaching. Care for the patient was provided successfully and seamlessly and the novel approach can serve as a model for delivering culturally competent care for patients who are deaf.

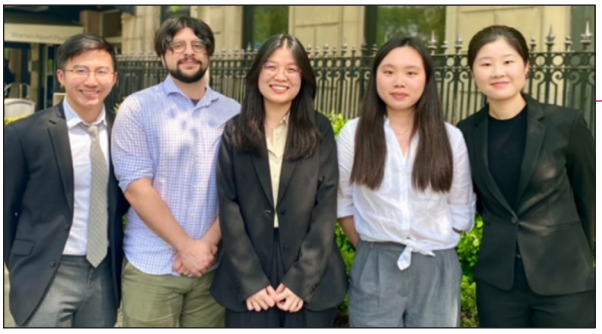
Alex Ashley, BPS, RT (R)(T), Mark Roytman, BS, RT(T), Vishruta Dumane, PhD, DABR, Keith Edwards, AAS, RT(T), Karyn Goodman, MD, Samantha Skubish, MS, RT(R)(T). High-Dose Gating Protocol for Deaf Patients in Radiation Oncology, *Radiation Therapist*, Volume 33, Number 2, Fall 2024, pgs 104-111. https://www.asrt.org/main/news-publications/publications

Visual setup of American Sign Language (ASL) interpretation: The patient logged into Zoom with goggles. The screen on the left shows a camera displaying the trace on Zoom. The screen on the right displays the ASL interpreter also on Zoom. TB1 represents the patient located in the Varian TrueBeam radiotherapy system. The patient sees the trace and the interpreter through his goggles. (Photo courtesy of the authors)

Interprofessional Imaging Workshop at Stony Brook University

Radiation therapy and medical dosimetry students joined radiologic technology students at Stony Brook University for a day of interprofessional learning focused on imaging fundamentals and 3D anatomy.

Class of 2024 Medical Dosimetry Graduates



Congratulations to our Class of 2024 Medical Dosimetry graduates, who all passed the Medical Dosimetrist Certification Board.

Education Highlights

Our Residents Out and About

Karaoke Night Out on the K-Town: Clockwise from left, radiation oncology residents Kristin Hsieh, MD, Juliana Runnels, MD, Monica Wassel, MD, Daniel Dickstein, MD, Anuja Shah, MD, Drishti Panse, MD, and Lauren Jacobs, MD, sang their hearts out to classics and new hits.

Attending the ASTRO 2024 annual conference in Washington, D.C., were, from left, Dr. Dickstein, Dr. Hsieh, Dr. Runnels, Dr. Panse, and Dr. Cherry. They also took in a visit to the International Spy Museum accompanied by Carlos Rodriguez-Russo, MD, 2024 residency program graduate.

Spotlight on Staff

Music Appreciation

Singer/songwriter Chris Milo, a former patient, showed his gratitude with a performance for the entire radiation oncology team. According to the audience of radiation therapists, nurses, and physicians, the concert, which included a group of musicians dubbed the PSA Radiation All Star Band, provided “great music and great vibes!”

Celebrating Our Physics Team and Technology

Rendi Sheu, PhD, Clinical Assistant Chief Physicist, Mount Sinai Health System, celebrated his colleagues and their work through his creation of this whimsical and imaginative illustration.

Collegiality and Esprit de Corps on Display