

Your generous gift to the Radiation Oncology Institute accelerates research to improve the lives of people with cancer.

This year, more than one million Americans will receive radiation therapy as part of their cancer treatment. Yet, funding for radiation oncology research is disappointingly low.

The Radiation Oncology Institute (ROI) is the only charity accelerating radiation oncology research and education.

Since 2006, ROI has been dedicated to funding ideas that are:

- Bold, innovative, practical and results-focused
- Led by passionate investigators dedicated to solving the biggest challenges
- Patient-centered, with results that can impact patient treatment

When you give to ROI, you accelerate radiation oncology research and education so that every person living with cancer has the best treatment possible.

Radiation therapy saves lives.

Sparking *bold and innovative* ideas in radiation therapy to improve the lives of people with cancer.

Please consider making a gift to help support cancer research.

Complete and return the enclosed form or visit ROIInstitute.org/Donate.



251 18th St. South, 8th Floor | Arlington, VA 22202
703-502-1550 | ROIInstitute.org



When it comes to fighting cancer, radiation therapy ignites hope.

Learn more about how your gift to the Radiation Oncology Institute accelerates research to improve the lives of people with cancer.

Unlocking Hope: Together, We Transform Lives

There is so much we can accomplish together. Join ASTRO members and Radiation Oncology Institute (ROI) champions in challenging cancer head-on with radiation therapy.

Your donation to ROI surpasses mere giving. It's a lifeline of hope and resources for unwavering investigators, pioneering uncharted paths to rewrite cancer's narrative.

By supporting cancer research, envision the impact you'll make and the lives you'll touch. Every dollar invested in ROI resonates through people living with cancer, their families and friends. Striding together, we reshape the path, fueled by your support's progress.

Witness these transformative shifts thanks to generous donor support:

- **Personalized Care:** Using Artificial Intelligence (AI) to tailor treatments, crafting bridges to effective care; biomarkers illuminate treatment paths, offering confidence in efficacy.
- **Empowerment Through Understanding:** Communicating through augmented reality guides patients, transforming anxiety into empowerment.
- **Holistic Healing:** Studying cancer's financial impact, voices echoing from data, ensuring patients are heard and valued.

Join us in amplifying radiation therapy's strength. Your ROI donation isn't just a gift – it's a testament to humanity's potent unity for a shared mission.

Please consider making a gift to support radiation therapy research in the treatment of cancer.

Complete and return the enclosed form or visit ROIInstitute.org/Donate

Sparking *Bold and Innovative* Ideas with Your Help



Fumiko Chino, MD

Yvonne Mowery, MD, PhD

Fumiko Chino, MD, and Yvonne Mowery, MD, PhD, received a grant from ROI to lead the first study to collect actual out-of-pocket cost data for people with cancer receiving radiation. Their prospective, survey-based clinical trial, named PaRTner, assessed financial toxicity and patient-reported outcomes in head and neck cancer.

“Out-of-pocket costs can add ‘financial toxicity’ to cancer treatment, and this toxicity can be just as important as other side effects from treatment. It is my goal that the cost of care never negatively affects the quality of treatment that people with cancer receive.”

— Fumiko Chino, MD

Tafadzwa Chaunzwa, MD, MHS, BSE, received an ROI research grant to develop accessible artificial intelligence (AI) systems that can increase personalization of care for patients with advanced non-small cell lung cancer. With his team, Dr. Chaunzwa is using AI tools to build cancer imaging biomarkers that, when combined with existing methods, will more accurately predict response to immunotherapy given alone or in combination with other treatments including radiation.

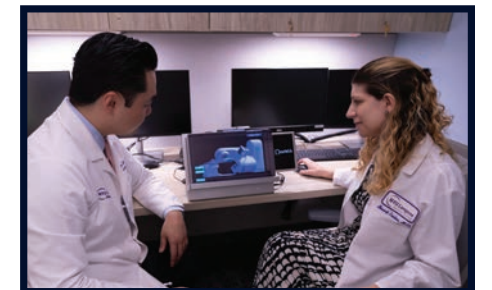


Tafadzwa Chaunzwa, MD, MHS

“I am privileged to care for patients with a range of malignancies including lung cancer and could not be more motivated to develop novel biomarkers that will help guide the management of this disease.”

— Tafadzwa Chaunzwa, MD, MHS, BSE

With a grant from ROI, David Byun, MD, and Naamit Gerber, MD, created CurieUx (Curie User eXperience): an augmented reality patient education platform that uses a hologram-based display to provide patients with visualization of disease-specific anatomy, treatment machine and treatment positions. This tool aims to increase patient knowledge, reduce anxiety and improve the patient's experience.



David Byun, MD, and Naamit Gerber, MD

“It is imperative for both patients' well-being and clinicians' workflow to effectively communicate and educate using a mutually beneficial medium. We believe that augmented reality is the perfect medium to make this happen.”

— David Byun, MD

There are many ways you can support research that's creating better outcomes for cancer patients.
Learn more at ROIInstitute.org/Donate

