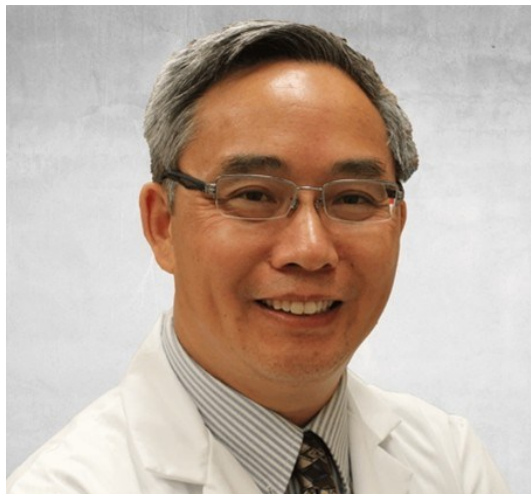




72nd Annual International Meeting
Hilton Waikoloa Village, Hawaii
October 4-7, 2026

Where Science Connects & Culture Inspires

Call for Abstracts



Dear Colleagues and Friends,

It is with great enthusiasm that I invite you to attend the 72nd Annual Meeting of the Radiation Research Society (RRS), to be held on the Big Island of Hawaii. From October 4–7, 2026, we will convene at the Hilton Waikoloa Village, an oceanfront venue within the Waikoloa Beach Village that offers an inspiring setting for scientific exchange and collaboration. On October 3, we will also hold a one-day pre-meeting program dedicated to professional development and networking, designed for RRS Scholars in Training (SIT) and Early Career Investigators (ECI).

The 2026 program (#RRS2026) will once again showcase the full spectrum of multidisciplinary radiation sciences, highlighting both the profound potential and the complex challenges of radiation in human health. The Program Committee has assembled an exceptional lineup of plenary lectures, symposia, topical reviews, poster presentations, career development forums, and networking events, reflecting the most cutting edge advances across the field. Topics span the physical and chemical interactions of radiation with biological systems, the fundamental mechanisms governing radiation effects, emerging therapeutic applications, and the broader impacts of radiation exposure on populations. Together, these sessions exemplify the Society's enduring commitment to innovation, interdisciplinary collaboration, and scientific discovery.

Set amidst 62 acres of stunning oceanfront, the spectacular Hilton Waikoloa Village features a four-acre swimmable saltwater lagoon, Dolphin Quest encounters, and beautiful pools accented with waterfalls. With its remarkable setting and state-of-the-art meeting facilities, Waikoloa Village provides a stimulating backdrop for cross-disciplinary interactions. Attendees can look forward to a vibrant forum for scientific exchange, innovative brainstorming, and collaboration. Complementing the rich scientific content, the extraordinary island setting invites moments of connection, contemplation, and rejuvenation. We are confident that the combination of high-caliber science, collaborative spirit, and the cultural richness of Hawaii will make the 72nd RRS Annual Meeting a truly memorable and enriching experience.

I wholeheartedly encourage you to participate, share your research, and engage with colleagues from around the world. Let's come together to make this meeting impactful and rewarding. The beauty of Hawaii, with its volcanic warmth and timeless aloha spirit, awaits you.

Mahalo, and I look forward to seeing you all there!

Zhiyuan Shen, PhD
Vice-President, Radiation Research Society
Chair, 2026 Annual Meeting Program Committee





RRS 2026 Call for Scientific Abstracts

ABSTRACT SUBMISSION

All abstracts must be submitted online. To avoid delays in your submission, prepare your abstract offline and save it as a text, Word, or WordPerfect (.txt., .doc, or .wpd) file before starting. The abstract size is limited to 2,000 characters (not including spaces). Be sure your abstract is accurate before you complete the submission and retain the control number you receive upon completion. Web-based abstract submission is available at www.radres.org.
Notes

Regarding Submission Process:

You are able to submit your abstract without the added step of obtaining an RRS Member to act as your sponsor. You will have the option to submit to “Poster Session Only” or if you would like to submit to be considered for an “Oral Presentation” spot. You will need to select the category that is most relevant to your work. Please do not submit duplicate posters. If your poster is not selected for the “Oral Presentation,” it will automatically be considered for the Poster Session and you will be notified. Reminders: Your membership must be up to date for 2026. Each individual may only be the presenting author on one poster per category. The presenting author must be registered for the meeting by August 11, 2026. REGISTRATION & HOTEL The RRS 2026 Annual International Meeting will be held at Hilton Waikoloa on the big island of Hawaii.

All presenters at the RRS 2026 meeting are expected to register for the meeting. Meeting registration and hotel reservations will be accepted online starting March 17. More information will be forthcoming and available through the RRS website.

IMPORTANT DATES

March 17, 2026

Registration Site Opens

March 26, 2026

Submission Site Opens
(*Scientific, SIT, ECI*)

April 30, 2026

Submission Site Closes
(*Scientific, SIT, ECI*)

June 11, 2026

Travel Award & Poster
Notifications

August 11, 2026

Deadline for Poster Presenters to
Register for Meeting



ORAL SUBMISSION CATEGORIES

Top scoring abstracts will be selected for the following planned oral sessions within topics ranging from

◆ Immunological Modulation by Radiation	◆ Metabolic Reprogramming and Microenvironment Adaptation After Radiation
◆ Acute Radiation Syndrome and Delayed Effects	◆ Tumor Recurrence and Homeostasis after Radiation
◆ DNA Repair Mechanisms	◆ Normal Tissue Reactions to Radiation
◆ Nanodosimetric Ion Radiotherapy	◆ Human and Environmental Impacts of Nuclear Weapons and Accidents
◆ Biodosimetry and Biomarkers of Radiation Injury	◆ Emerging Modalities in Radiation Therapy
◆ Radiation Therapy in Combination with Immune and Metabolic Regulators.	◆ Radiation-Induced Genome Instability and Tumor Microenvironment
◆ Mechanisms and Mitigation of Radiation-Induced CNS Dysfunction	◆ Modulating the Indirect Effects of Ionizing Radiation
◆ Cell-Cycle Regulation and Redistribution Following Radiation	◆ Fundamentals and Clinical Potential of FLASH Radiation Therapy
◆ Space Radiation Research	◆ (SIT) Radiation Effects on the Brain and Related Outcomes
◆ Fundamentals and Applications of Particle Therapy	◆ Frontiers in Computational and Big Data Radiation Science
◆ Cancer Metabolism and Radiation Responses	◆ Regenerative Approaches to Reduce Radiation induced Normal Tissue Toxicity
◆ Microbiomes in Radiation Injuries and Mitigation	◆ Integrating Radiation Therapy with Chemotherapy
◆ Genomic and Molecular Markers for Radiation Damage	◆ Radiopharmaceutical Therapy
◆ Advances on Radiation Protection and Measurements	◆ Medical Countermeasures and Preparedness for Nuclear Incidents
◆ ECI Spotlight	◆ Biological Variables Influencing Radiation Effects

ABSTRACT CONTENT AND FORMAT

All presentations must be scientific in nature and without inclusion of commercial messages or inappropriate references to specific products, services, or commercial concerns. The title should be in lowercase letters with only the first word capitalized. The body of the abstract should be single-spaced.

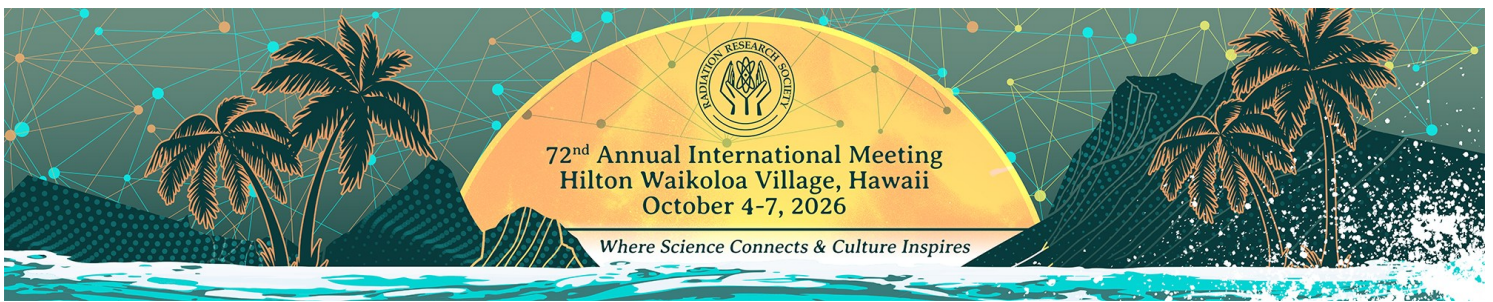
EXAMPLE: *Temperature dependence of ionizing radiation effect on dry preparations of bacterial enzymes.*

PRESENTATION

Poster dimensions are limited to 4'x4' (1.21m x 1.21m). Each poster should include a heading with title and author (s) using lettering at least 22mm (1") high. The abstract should be part of the poster presentation. The legible print should be viewable from 1 meter away. Therefore, lettering should be heavy and at least 10mm (3/8") high.

PROGRAM AND ABSTRACTS

The Program Book will be distributed onsite to meeting registrants and an Abstract PDF will be emailed to registered attendees approximately 2 weeks prior to the meeting. Meeting content will be available online prior to the meeting.



Scholars-in-Training (SIT)

SIT Travel Award Application

Applications for the **Scholars-in-Training (SIT) Travel Awards** must be completed **online at the time of abstract submission**. Applicants should prepare a brief résumé (maximum **2 pages**) offline and upload it during the application process. Accepted file formats include .txt, .doc, or .wpd.

- Educational background (degrees and dates, MM/YY)
- Honors and relevant experience
- Description of current training program and objectives, including relevance to the radiation sciences
- List of relevant publications

SIT Travel Award Criteria

RRS Student/Trainee Travel Awards are intended to offset registration costs, encourage participation, and recognize the quality of scientific submissions. Awards will be distributed **on-site at the Annual Meeting** during designated pick-up hours.

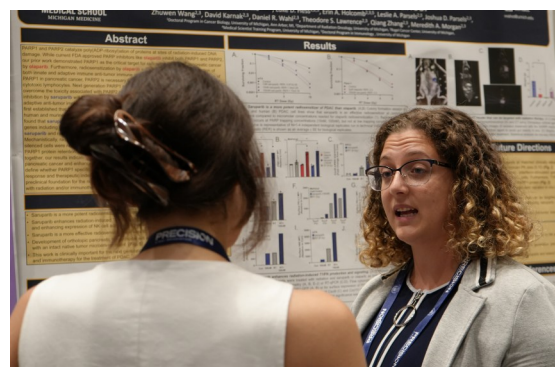
Eligibility and requirements:

- Applicant must be an **RRS Student/Trainee member** (or have a membership application pending).
- Applicant must be working toward an advanced degree (e.g., PhD, MD, DVM) or enrolled in a post-graduate training program.
- A **faculty sponsor or department chair** must be listed on the application.
- An abstract must be submitted online **by April 30, 2026. (5:00 PM ET)**.
- Travel awards may be received for a **maximum of three (3) calendar years**.

SIT Workshop

The **16th Annual Scholars-in-Training (SIT) Workshop** will take place on **Saturday, October 3, 2026**, one day prior to the RRS Annual Meeting.

This educational workshop provides graduate students, post-doctoral fellows, and early-career scientists with foundational knowledge in radiobiology and an in-depth look at current issues in translational radiation research.





Early Career Investigator (ECI)

ECI TRAVEL AWARD APPLICATION

The RRS-ECI Committee will be offering travel awards to top scoring abstracts. You must be a Full or Sponsored Faculty Member of RRS, in good standing, to apply for an award. If you are not currently a Full or Sponsored Faculty member of RRS, please contact erica@radres.org for assistance or join online at radres.org. To avoid any delays in submission, prepare a brief resume (2-page limit) offline and save it as a Word or Word Perfect (.txt, .doc, or .wpd) file before starting your online application. The resume should describe your:

1. Educational background (include degree & dates– MM/YY)
2. Honors and relevant experience
3. Description of current training program and objectives, including a description of how the program relates to the radiation sciences
4. List of 2 relevant publications

ECI TRAVEL AWARD CRITERIA

RRS shall provide travel awards to RRS ECI members which are designed to offset travel and meeting costs, encourage participation of ECIs at the meeting, and to recognize the quality of their scientific submissions. Your travel award will be available to you onsite at the annual meeting during designated pick-up hours (posted at the meeting). Selection of ECI Travel Award recipients shall be based on an evaluation of their funding needs as identified in your application and quality of your abstract. The criteria for consideration are:

- Applicant must be a full RRS Member in good standing or have membership pending.
- The ECI applicant must submit an abstract via online submission by April 30, 2026 (5:00pm ET) deadline.

Further educational and career opportunities are available to ECI's throughout the meeting.

IMPORTANT DATES

March 17, 2026

Registration Site Opens

March 26, 2026

Submission Site Opens
(Scientific, SIT, ECI)

May 8, 2026

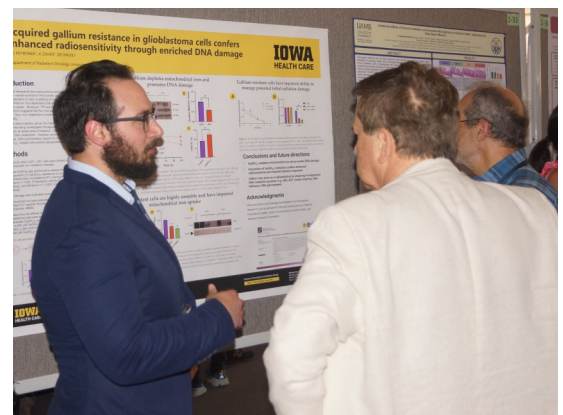
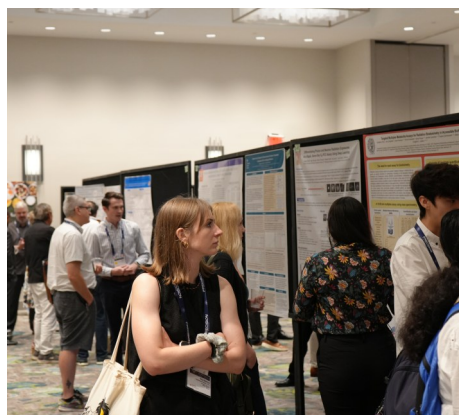
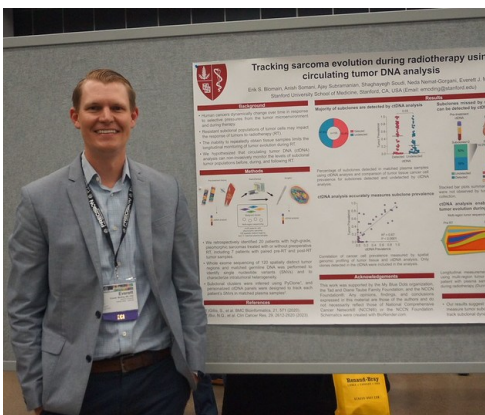
Submission Site Closes
(Scientific, SIT, ECI)

June 11, 2026

Travel Award & Poster
Notifications

August 11, 2026

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Continuing Education Credits

ACCREDITATION STATEMENT AND INFORMATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Medical Education (ACCME) through the joint relationship of the AMECDO and the Radiation Research Society (RRS). AMEDCO is accredited by the ACCME to provide continuing medical education for physicians.

FACULTY DISCLOSURE

In accordance with the ACCME guidelines, RRS requires all faculty speakers to disclose all commercial relationships relative to the content of this CME activity. Individual faculty disclosure will be provided in the course syllabus for the General Session. All presentations will be peer reviewed for fair balance and evidence based medicine.

