HARDENED ELECTRONICS AND RADIATION TECHNOLOGY
MARION ROSE SERVICE AWARD – 2027

PURPOSE OF THE AWARD:

Marion Rose (1940-2009) was a founding father and ardent supporter of the HEART society and annual conference from its inception. Marion served on the inaugural HEART Steering Committee as Treasurer, and in that role, he guided the fiduciary formation of HEART as the premier professional organization for radiation-hardened technology. He was instrumental in every aspect of the HEART society operation for over three decades, including serving in several roles on the Steering Committee and the annual conference committees.

Marion's career in radiation effects began in 1966 with his professional work spanning General Atomics, IRT, Maxwell Labs, and Physitron; finally rising to Principal Scientist at L-3 Jaycor in 1996 where he worked until weeks of his death. He is remembered for his expertise in transient radiation effects on electronics (TREE) and neutron radiation effects. He participated in all phases of nuclear weapon and natural radiation survivability programs including environment definition, hardened design, verification and validation, hardness assurance, maintenance, and surveillance. He managed numerous Above Ground and Underground nuclear weapon activities. Over his career, Marion implemented and managed nuclear survivability programs for more than 60 tactical and strategic systems – many of which are still deployed.

Throughout his long and productive career, and his service to HEART, Marion was a mentor and friend to many of those involved in the military and aeronautics community, including many still active within the HEART society. He served tirelessly, with a keen sense of community, wherever he was needed and without the desire for accolades or recognition. He stood ready and willing to give his wise counsel to others, always with a twinkle in his eye. He is greatly missed by the radiation effects community.

This award honors Marion's commitment to community and service.

We congratulate the 2026 Marion Rose Service Award winner, Dr. Kelly Simmons-Potter, and we are now open for nomination package submissions for the 2027 award.

BASIS OF THE AWARD:

The recipients shall be selected on the basis of outstanding service and contributions to the advancement of the Hardened Electronics and Radiation Technology society. The contributions may include HEART Steering Group committee, HEART Conference committees, and active participation within the HEART community.

AWARD:

The award consists of a plaque reading: "For Service to and Involvement in the Hardened Electronics and Radiation Technology Community" and an individual citation on the permanent award display.

ELIGIBILITY:

Any member of the hardened military and space systems community is eligible for the award, with the exception of current members of the HEART Steering Committee. The HEART Steering Committee currently consists of the following persons:

Chairman	Michael McLain
Vice-Chairman	Keith Avery
Secretary	Jeff Kauppila
Treasurer	Kathy Doughty
Publications Chairman	Heather Jiles
Senior Member-at-Large	Jesse Mee
Member-at-Large	Waverly Gorman
Junior Member-at-Large	Joe Morris
Senior Past Steering Committee Chairman	Christine Coverdale
Junior Past Steering Committee Chairman	Sarah Armstrong

REQUIREMENTS:

- Long-term active participation with the HEART Conference
- Service in multiple HEART society and conference committee positions
- 20+ years of experience in the Radiation Environments and Effects community as a contributor to HEART and to the Journal of Radiation Effects Research and Engineering through publications; Principal Investigator or Project Manager experience; and/or contributions to the education of future leaders in the community
- Service as a mentor to members in the HEART community; mentoring both within and outside of the nominee's organization is encouraged
- Multiple recommendations from the community

DEADLINE:

The submission deadline is December 1, 2026 for the 2027 award.

NOMINEE SOLICITATION:

Solicitation for nominees shall be made via 1) direct email; 2) mailing of nomination forms to past HEART attendees as requested; and 3) announcements of nomination forms at HEART meetings. Individuals may be nominated by submitting the official form to the HEART Steering Committee Vice-Chairman by email. If postal mail is preferred, please contact the Vice-Chairman directly for arrangements.

AWARDS COMMITTEE:

The HEART Steering Committee shall establish a Professional Awards Committee to be chaired by the Steering Committee Vice-Chairman. Annually, the Professional Awards Committee Chairman will form a committee composed of at least three senior members of the HEART community, subject to approval of the HEART Steering Committee. The HEART Vice-Chairman will be responsible for collecting and presenting all valid nominations and will be a voting member of the Awards Committee. An award recommendation will be prepared by the Awards Committee and submitted to the HEART Steering Committee for approval.

INSTRUCTIONS FOR NOMINATION SUBMISSION:

Please prepare a nomination package following the attached template. Note that at least five endorsement letters are also required. The nomination material should be emailed, in PDF format, prior to the nomination deadline to:

Keith Avery
Air Force Research Laboratory
HEART Steering Committee Vice-Chairman
Keith.avery.7.ctr@spaceforce.mil

Deadline: December 1, 2026 for the 2027 award

NOMINATOR: PLEASE SUPPLY THE FOLLOWING INFORMATION

NOMINEE INFORMATION:

Name:
Home Address:
Email Address:

PROPOSED CITATION:

Include short citation for inscription on the plaque name plate.

NOMINATOR INFORMATION:

Name:
Address:
Email Address:
Daytime Telephone:
Signature:

NOMINATION:

PROFESSIONAL HISTORY:

- Resume of nominee's employment and professional positions.
- Description of the primary contributions of the nominee in the area of radiation effects community service.

AWARD JUSTIFICATION:

- Evidence of community service of the nominee as related to the Rose criteria (page 1-2). Provide specific examples.

RADIATION EFFECTS COMMUNITY ACTIVITIES:

- List of nominee's professional affiliations and leadership roles – e.g., advisory boards, national panels, oversight councils, conference organization committees, etc.
- List any other professional contributions, not described in the Awards Justification section above, relevant to the nomination and for consideration by the selection committee.

ENDORSEMENTS:

A minimum of five (5) endorsement letters from members of the community are required. List the names and email address of endorsees here. Request endorsees to email the endorsement letters to you and then email the entire package (endorsement letters and nomination form) in PDF format directly to:

Keith Avery
Air Force Research Laboratory
HEART Steering Committee Vice-Chairman
Keith.avery.7.ctr@spaceforce.mil