RSNA Research & Education Foundation
Request for Application (RFA)

Part 1. Overview Information

RFA Posted Date	July 1, 2019
RFA Number	RSNARE-EDG2-VI
Funding Opportunity	RSNA Education Development Grant
Funding Opportunity Topic	Value of Imaging
Announcement Type	New
Funding Opportunity Purpose	The Radiological Society of North America (RSNA) is invested in ensuring that the current and next generation of radiologists are able to meet the needs of our continuously evolving profession. To fulfill this goal, the RSNA is requesting applications to create educational products directed at the value of imaging. Whether those products are directed toward the public, referring physicians or practicing radiologists can be left up to the applicants.
Pre-Application Deadline *required for all applicants	August 31, 2019 No late applications will be accepted. Pre-applications must be submitted through the RSNA R&E Foundation online grant site, https://grants.rsna.org/grants. Applicants who score well on the pre-application will be invited to submit a full application, by the posted deadline date. Applications that do not comply with the instructions will not be accepted for review.
Full Application Deadline *by invite only	January 15, 2020 Applications will be accepted from invited individuals only, based on favorable results of the pre-application. No late applications will be accepted
Scientific Merit Review	March 2020
Applicant Notified of Funding Outcome	May 2020 Applicants will be notified of the funding outcome by email communication. Awardees must comply with the grant policies and procedures.
Earliest Start Date for Funded Grants	July 1, 2020
Contacts	Keshia Osley Assistant Director, Grant and Award Administration kosley@rsna.org	630-571-7816

Part 2. Full Text of Announcement

Funding Opportunity Description	Introduction The Radiological Society of North America (RSNA) is invested in ensuring that the current and next generation of radiologists are able to meet the needs of our continuously evolving profession. To fulfill this goal, the RSNA is requesting applications to create educational products directed at the value of imaging. Whether those products are directed toward the public, referring physicians or practicing radiologists can be left up to the applicants. Purpose/Background Value of imaging can have different meanings for different groups of individuals. The purpose of this grant is to encourage applicants to "think outside of the box" and offer ideas about how to effectively highlight the important role imaging plays in the education of patients, referring physicians and practicing radiologist.
Award Information	Application Types Allowed (New, Resubmission, Revision) Currently accepting new applications Anticipated Number of Awards The RSNA R&E Foundation will award 1 grant, on condition the study section score for the top-ranked grant application falls within a quality threshold set by the R&E Foundation's Board of Trustees. Award Budget Application budgets of $50,000 (minimum) and $75,000 (maximum) direct costs in any project year will be considered. Award Project Period Grants of 1-3 years will be awarded for a maximum grant total of $150-225,000. For multi-year grants, funding for subsequent years will be dependent upon successful completion of specific project milestones.
Audience/Learners	Educational activities should address the needs of: Primary: Radiologists at all stages of their careers including those in-training as well as those who have completed residencies and/or fellowships. Secondary: Non-radiologist clinicians, medical students and ancillary personnel such as radiology technologists may also benefit from these educational tools.
Educational Format(s)	Description of the expected outcomes/format The entire structure of the educational program should be provided, with descriptions of the educational setting, the use of media and technology, and the expected timetable for educational interventions. In particular, the expected outcomes for the education development need to be specified, and the types of knowledge, skills, attitudes and/or behaviors acquired by the target learners should be described in detail. Depending on the nature of the project, the principal investigator ought to articulate how the successful outcome of the educational project leads to demonstrable enhancement of the value of imaging in the eyes of the target audience. Development awards support the creation of a distribution plan during a project's early stages. Once production is completed RSNA prefers to be the primary source of dissemination of content developed as a result of this funding mechanism. The R&E Foundation's goal is to ensure educational materials resulting from award funds be made available to RSNA and its members at no cost. By accepting awarded funds, the PI and institution agree

	that any funds generated directly or indirectly from the sale, lease or distribution of the final product will be donated to the RSNA Research & Education Foundation. Final products will be reviewed and evaluated by RSNA. RSNA will promote, support, and host (if applicable) enduring content resulting from R&E-funded grants through various RSNA outlets. Note: This grant program is *not* intended to fund projects for educational theory, development of RSNA annual meeting content, or advanced training in the discipline of education.
Selection Criteria	Applications will be reviewed on the following: • Innovation • Impact • Knowledge of and experience within the specific topic • Well-defined and researched needs assessments that identify current practice gaps of identified learners • Linkage of educational needs to achievable learning objectives • Incorporation of adult learning principles into the educational design • Metric-based Outcomes analyses that demonstrate achievement of learning objectives • Scalability/expandability • Content monitoring, update strategy and sustainability • Timeline and Milestones to completion (will be used to determine if subsequent years of funding is merited) • Plan for sustainable product and incorporation into the "RSNA education system"
Outcomes Measures	Outcome measures are an integral component of the evaluation process of an educational program and represent important tools in demonstrating the success of the project. As such, there use should be planned in advance, and ideally validated by prior use, whether by direct investigator experience, or by appropriate literature citation. *Applicants should propose one or more quantifiable metrics by which the success of the educational materials may be measured. These may include measures of the success of the tool as a whole (e.g., adoption rate) and/or aggregate measures of the educational success of learners (e.g., program evaluation).* Since there are many different stakeholders in the field of imaging - including users, customers, and providers of imaging technology - we encourage creativity and imagination in demonstration of the value of imaging, and devising tools to confirm that value.
Eligibility Information	Applicant (Principal Investigator) must; • be a dues-paying RSNA member at time of application and throughout the funding period Other investigators may include: • Co-PIs from the same or other institutions • AI/ML expert in conjunction with a relevant clinical champion • teaching/education experts • the dother professionals as needed

Pre-application - REQUIRED

Prospective applicants must submit a pre-application though the RSNA R&E Foundation grant application site, https://grants.rsna.org/grants, by the posted deadline date.

The pre-application must include the following sections in the order given and with headings as shown below:

- Descriptive title of the proposed activity
- Name(s), contact information and brief descriptions of the expertise, experience and specific roles of the PI(s)
- Name(s) and brief description of other key personnel (co-investigators) and their role(s)
- Participating Institutions
- Concept Summary/Abstract of the proposed education grant project. The abstract must include the following:

- o Educational objectives and description of how these meet the needs of RSNA membership
- o Describe the significance of the problem to be addressed, the applicant's innovative vision and educational resources to be created. Applicants should make clear how the planned vision is uniquely suited to the objectives and scope of the funding opportunity
- o Outline the format and method for delivery for educational resources
- o Description of how the proposed project differs from, complements and/or builds existing AI/ML educational resources
- o Describe the impact that the project will have
- o Plan to make the project sustainable beyond the grant
- Define any relevant partnerships and/or collaborations with the for-profit private sector, if applicable. Industry partners are allowed, however with the reassurance that any product produced with RSNA funding would be freely available to RSNA members

Use size 11 Arial font, single spacing, and 0.5" margins. There is no word limits for the abstract, however, the total length of the pre-application is not to exceed 2 pages.

Final Application – by Invite Only

Applicants who score well on the pre-application will be invited to submit a full application though the RSNA R&E Foundation grant application site, by the posted deadline date.