



Research Seed Grant

Policies and Procedures

August 2025

The RSNA Research & Education Foundation is committed to creating opportunities to advance the development of a diverse future workforce. A diverse and inclusive workforce brings broad perspectives, celebrates differences and alternative viewpoints, and empowers all members to achieve their full potential. With this commitment, the RSNA encourages all interested applicants to apply for RSNA research and education grant funding.

Purpose

To enable all levels of investigators throughout the world in defining objectives and testing hypotheses in preparation of major grant applications to corporations, foundations, and governmental agencies. The seed data from these projects will indicate feasibility and appropriateness of the research prior to applying for funds from other agencies.

Nature Projects

- Any area of research related to the radiologic sciences, from hypothesis-driven basic science and clinical investigations to topics such as drug, device, and therapy development; comparative effectiveness, evidence-based radiology, ethics and professionalism, quality improvement, clinical practice efficiency, and imaging informatics.
- This grant mechanism will be open to all levels of radiologic investigators, with an established academic appointment.
- Applications should describe the unique nature of the research effort independent of existing research efforts. Greater emphasis will be placed on the likelihood of this research to attract future funding given the nature and extent of the preliminary data collected within the cycle of the grant.
- Projects focused on advancing imaging science, developing or evaluating medical imaging technology, or making innovative use of imaging science to answer important biologic or clinical questions are encouraged.

Amount

Up to \$60,000 United States Dollars (USD) for a 1-year project to support the preliminary or pilot phase of scientific projects, not to supplement major funding already secured. No salary support for the principal investigator will be provided.

- The RSNA Research & Education Foundation does not pay institutional indirect costs, overhead costs or salary support for the principal or co-principal investigators.
- Travel expenses for the RSNA Scientific Assembly and Annual Meeting may not be paid for by this grant.
- Unexpended funds must be returned to the Foundation.

Payment Schedule

Research Seed Grants run July 1 – June 30. Grant funds will be paid to the institution in one installment: Ten percent (10%) of the total grant award will be withheld by the Foundation, to be released only upon receipt of an acceptable grant final report within 60 days of the termination of the grant.

Deadline for Application

Applications must be completed online and submitted with scanned signature page by 11:59 PM CT on **January 23, 2026**. If the deadline date falls on a weekend or holiday, the deadline will be extended to the next business day. Applications will not be accepted after the deadline date. Applications that are not complete, do not comply with the instructions, or do not have properly executed signatures, will not be reviewed. See the Foundation's Website for details, [RSNA.org/foundation](https://www.rsna.org/foundation).

Eligibility

- **Applications are accepted from individuals throughout the world.**
- Applicants must be an RSNA Member (at any level) at the time of application, and throughout the duration of the award. If the applicant's membership category is Member-in- Training or any other non-dues paying category, the scientific advisor or one of the co-investigators must be a dues paying member.
- Applicants must hold a full-time faculty position in a department of radiology, radiation oncology, or nuclear medicine within an educational institution. If an applicant is not a full-time faculty member at the time of application but will become a full-time faculty member when the award commences, a letter from the department chair attesting to this appointment must be included.
- Board Certification: Applicants in North American institutions must have completed advanced training and be certified by the American Board of Radiology (ABR)/Royal College of Physicians and Surgeons of Canada, or on track for certification. See the American Board of Radiology Website for details, TheABR.org.
 - Applicants in institutions outside North America must have completed advanced training and be certified by the radiology board in their country (where applicable).
 - Applicants must not have been principal investigator on external/extramural grant/contract amounts totaling more than \$60,000 USD in a single year. The restriction on prior funding includes support from single or combined grants or contracts from any source including government, private or industrial/commercial sources.
- Applicants/co-principal investigators must not be agents of any for-profit, commercial company in the radiologic sciences.
- Applicants may not submit more than one research or education grant application to the RSNA R&E Foundation per year.
- Recipients may not have concurrent RSNA grants.
- Supplementation of funding from other grant sources must be approved by Foundation staff if not described in the original research plan. Awards from other sources may be approved by Foundation staff if the investigator submits a satisfactory plan to address any budgetary overlap.

Selection Criteria/Review Process

A study section consisting of physicians and scientists with expertise in the areas and topics of each grant will review the application for scientific merit and appropriateness for funding. Final decisions will be subject to the approval of the Board of Trustees of the Research & Education Foundation. Applicants will be notified of the outcome of their applications via email.

The following guidelines will be applied in the review process:

Research Plan: Evaluate the proposed research project as suitable for a faculty member to obtain preliminary data with the anticipation of a future submission for additional funding from corporations, foundations or governmental agencies. If the research is part of a larger effort in an established lab, is the project for which the applicant is responsible clearly defined? An evaluation should include, but is not limited to the following criteria:

- **Significance and Innovation:** Greater emphasis should be placed on the significance, innovation and impact of the proposed research effort compared to a resident or fellow grant. Does the research address an important and relevant problem in which imaging may play an important role? What is the likely impact on clinical care or advancing radiologic science if successful? Is the research to be considered innovative? What is the likelihood for future funding if successful?
- **Approach:** Is the hypothesis clear and well developed? Are the experiments well designed and appropriate to test the hypothesis? Is the proposed statistical analysis of the data appropriate for the study design? Is there a reasonable chance of completion within the time frame of the grant? Is the budget realistic for the research proposed? Proposals that are well beyond the experience of the faculty and cannot be completed in the timeline of the proposal and grant period, should be discouraged. Is there a suitable plan for the protection of human subjects as well as does the investigator address issues related to inclusion based on gender, minorities and children?

Applicant and Advisors: Evaluate the suitability of the applicant as it relates to the proposed research. Will this experience enhance the applicant's investigative or educational skills? Will the experience increase the likelihood of establishing an independent research focus? What is the likelihood that the research will be suitable for future funding upon completion of this grant cycle? Is the time commitment realistic? Has the applicant sought out suitable experienced advisors that can help them through the process? Does the scientific advisor have background knowledge and experience related to the proposed project, with evidence of ability and commitment to mentoring?

Facilities: Evaluate the commitment of the institution, the department and individual research labs, if applicable, to provide adequate support for the applicant. Is appropriate space and equipment available? Are the support faculties such as computer services and statistical assistance adequate?

AI Disclosure Statement

If AI or AI-assisted technologies (e.g., ChatGPT, Bard, image generators) were used in preparing the application, include a supplemental statement with:

- Name and version of the AI tool(s)
- Date(s) of access
- Name of the manufacturer/creator
- Description of how the technology was used

Transparency in AI use is required and will be considered during review.

CONDITIONS OF THE RSNA RESEARCH SEED GRANT

Commercial Sponsorship

A portion of the total funds available for the RSNA R&E Foundation's grant programs is in the form of endowments from commercial companies or other sources; some recipients may have their grant named after a company. Grant awards are named only after funding decisions have been made. Company named awards do not imply commercial endorsement of the grant recipient, the research or the institution. Similarly, named awards do not imply endorsement of the commercial sponsor by the grant recipient or the institution. An institution's inability to accept endowed awards will not preclude the award.

Publicity of Award Recipients

The R&E Foundation will issue a press release and publicize the award in its print and electronic properties. Information submitted in the application and subsequent reports including the recipient's name, institution, likeness, project title and abstract can be utilized in the promotion of the award. Other external promotional opportunities are at the discretion of the individual recipient.

Progress Reports

Recipients must submit an interim report six months after the start of the project. A final report must be submitted to the Foundation's address within 60 days after completion of the project. Reports are distributed to the Foundation's Board of Trustees and cosponsoring entity if applicable, to determine the effectiveness and success of the program. Failure to comply with the final report requirement may negatively affect the home institution department's eligibility to receive future funds from the RSNA R&E Foundation. Interim and final reports are to be submitted electronically (MS-Word) by email attachment with CC to the department chair and scientific advisor(s), if applicable. Complete reports must address each of the following:

Interim Report:

1. Provide a short summary statement of the project status.
2. Restate the specific aims/goals of your research plan and indicate the progress made toward each aim/goal. **Include all supporting data as appendix.**
3. Indicate any deviations you have made from the original research plan and justify these changes.
4. Indicate the expenditures you have made to date and how they relate to the project.
5. Indicate any problems or delays that you have encountered; for example, problems in obtaining protected time to do research, slow patient accrual, etc.

Final Report:

1. Prepare an expanded abstract consisting of 1500 – 2000 words divided into Purpose, Methods, Results and Conclusions. Include appropriate tables, figures and references.
2. Restate the specific aims/goals of your research plan and indicate the progress made toward each aim/goal. **Include all supporting data as an appendix.**
3. Indicate any deviations you have made from the original research plan and justify these changes. If you did not reach one or more of your initial goals, explain why.
4. Indicate the expenditures you have made to date and how they relate to the project.
5. Indicate any problems or delays that you have encountered; for example, problems in obtaining protected time to do research, slow patient accrual in the study, etc.
6. Indicate if the results from your studies are being prepared for publication or will be prepared for publication within the next six months.
7. Indicate if the results from your studies will be used as preliminary data in a grant application to another granting agency.
8. Indicate the clinical significance and future clinical impact of the results of your study.
9. Indicate the strengths and weaknesses of the grant program in which you participated.
10. Indicate the influence or role that the grant from the RSNA Research & Education Foundation had on your career or will likely have in the future.

Final Financial Statement:

All RSNA Research & Education Foundation grant recipients are required to submit a final financial report detailing expenditures along with the final narrative report. The final financial report must clearly outline all expenditures made during the grant period.

Annual Survey

Recipients agree to participate in an annual survey that will help the Foundation's Board of Trustees track current contact information, additional grant monies received from other sources, scientific publications, and career advancements.

Publications

Scientific and educational manuscripts resulting from R&E Foundation-funded projects must be submitted first to the RSNA Scientific Assembly and Annual Meeting to be considered for presentation, and/or to Radiology, RadioGraphics, Medical Physics, or the International Journal of Radiation Oncology, Biology and Physics to be considered for publication (right of first refusal).

Manuscripts that are not accepted for publication in one of the four listed journals may be submitted to the journal(s) of the authors' choice. Authors who wish to bypass the right of first refusal process must receive written permission from the Grant Program Committee/Board of Trustees. One reprint of each publication produced as a result of RSNA R&E Foundation-funded work should be sent to the Foundation's address for distribution to the Trustees. All posters, publications, and oral presentations of R&E Foundation-funded projects must contain appropriate acknowledgment of the Foundation's support and sponsoring commercial company (if applicable).

Extension

A no-cost extension of the terms of this grant may be requested to extend the final budget period up to 12 months beyond the original ending date. Approval of an extension does not include the awarding of additional funds. A request for an extension along with a progress report must be made in writing to the chair of the Grant Program Committee at the Foundation's address before the expiration of the original grant period. The request must state the reason(s) for the extension, length of the extension requested, and an explanation of how the reason(s) for the delay has been rectified. Requests must be co-signed by the department chair.

Interim reports must be submitted every six months during the extension period. Other requests for changes to the terms of an award should be addressed to the chair of the Grant Program Committee with similar documentation and institutional approvals.

Modification or Termination of Support

The Trustees reserve the right to modify or terminate the amount of any funds granted under the terms of the Research Seed Grant program. If the support level has to be modified by the RSNA R&E Foundation Board of Trustees for any reason, the grant recipient will be notified in writing at least 90 days prior, and the investigator will have the option to modify the research plan or terminate the grant.



Applications must be completed online and submitted with scanned signature page by end of day **January 23**. If the deadline date falls on a weekend or holiday, the deadline will be extended to the next business day. Applications will not be accepted after the deadline date. Applications that are not complete, do not comply with the instructions, or do not have properly executed signatures, will not be reviewed. See the Foundations website for details, rsna.org/foundation.

Application Instructions

To enter a new application click “New” application button under the appropriate grant type.

Section I: Proposed Research Title

Enter proposed research title, click save and continue to proceed to the application.

Section II: Abstract

Click “Enter Abstract Text” link to enter text into the abstract box.

Abstract not to exceed 300 words.

Abstract should serve as a succinct and accurate description of the proposed plan.

The abstract should include the long-term goals of the proposed work and the methods to be used. Data collection and analysis should be summarized along with the potential clinical significance and future clinical impact of this work.

Section III: Project Short Summary

Click “Enter Project Short Summary Text” link to enter text into the project short summary box.

Project Summary maximum 3 sentences. Communicate the public health relevance of the project to donors and the general public. Using plain language understandable by a general audience.

Section IV: Research Profile

Select up to two research categories that align with your proposal. The information selected will be used to help match your proposal with study section members that have compatible interests, expertise and experience.

Section V: Additional Project Details

1. Please enter the total dollar amount requested from RSNA to support this project (across all years of the project). *Note: You will need to include a budget and justification at the end of the application.*
2. Research Assurances - will the project involve any of the following:
Human Subjects?
Vertebrate Animals?
Ionizing Radiation/Radioactive Isotopes?
Other, requiring institutional research assurance approvals? (recombinant DNA, etc.)?
****Funded applicants will be required to submit appropriate forms before grant funds are released.****
3. Location of Study:
Specify the institution, department and country where the research/education project will take place.
4. Investigator Additional Details:
 - a. Are you currently certified by the American Board of Radiology (ABR) or equivalent?
 - b. If yes, name the agency.
 - c. Specialty
 - d. Key Training dates (include degrees, completion of residency and fellowship training)
 - e. Current year of training or faculty/position rank.
 - f. Time allocated to the proposed project, and other duties. Specify percent and time frame.

5. **Priority Statement:**
Describe your area of professional or scientific interest and outline your long-term career goals and objectives. Explain how receiving this opportunity aligns with your personal plans and ambitions, and how it supports the priorities of your nominating institution. Discuss how this opportunity may contribute to your potential advancement in academic radiology and include any other information that may assist in the evaluation of your application.
6. **Resubmission Information:**
Is this application based on a proposal previously submitted to the RSNA R&E Foundation within the past two years? Please provide brief details of the previous submission. If you cannot recall the details, contact the R&E Foundation grants@rsna.org. The following details are needed:
 - Grant Program
 - Year of Submission
 - Grant Title
 - Grant ID
 - Funding Outcome
 - Summary of the reviewer comments and explanation of how each issue has been addressed in the current application
7. **Proposed Topic**
Does your application or proposed topic align with any of the current priority focus area topics? Please select the priority focus area topic, select n/a if not applicable.

Section VI: Radiation Oncology Applicants Only

To support the Foundation's fundamental objective of supporting imaging science(s) along with a desire to promote team science with radiology collaborations, the R&E Foundation requires a multi-disciplinary approach for all radiation oncology grant applications. To achieve this, radiation oncology grant applications are required to have (1) an imaging component or (2) partnership with a mentor/advisor or co-investigator in a radiology department.

Section VII: Investigators

Please list any other investigators, scientific advisors, or consultants who will contribute meaningfully to the proposed project. These individuals should be actively involved in the research and have defined roles that support the success of the application.

Biosketch Requirement: Upload biosketches for all listed individuals as a single combined PDF file at the end of the application. Each biosketch must include a personal statement describing the individual's role in the proposed research project.

Section VIII: Scientific Advisor

To be completed by the scientific advisor

1. Name, degrees, title/faculty rank
2. Percent of time that will be devoted to the proposed research project and brief description of the advisor's role as mentor for the applicant (an Advisor must be designated to provide advice on all aspects of the project, including the performance and interpretation of the data, and preparation of any publication, presentation or additional grant submissions arising from the grant). Not to exceed 1000 words
3. Describe the extent to which the applicant was responsible for developing and writing the research proposal. Relationship and overlap with existing research programs should be specified in detail. Not to exceed 500 words.
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Section IX: Acknowledgements and Uploads

Formatting Guidelines

Use conventional fonts (e.g., Arial, Times New Roman, Helvetica) at a minimum size of 11-point.

Maintain page margins of at least 0.5 inch.

Embedded figures must fit within margins and include legible legends (smaller than 11-point is acceptable).

Downloadable Templates

- Budget Template
- Signature Page

Required Uploads

Please submit the below listed documents as ONE PDF file in the following order:

1. **Biosketches**

For all key personnel, an NIH-style biosketch must be provided. When uploading biosketches, include a description of the role key personnel will play in the proposed research project within each personal statement. Biosketch page limits to be followed as those outlined by the NIH.

2. **Resources and Environment**

Describe available facilities and resources (e.g., equipment, labs, clinical space, simulation centers, survey cores).

3. **Research Plan**

Detailed Research Plan. Not to exceed 5 pages, including figures, tables, etc. Use 0.5" margins and size 11 Arial font. Additional pages may be included for the bibliography.

- a. **Specific Aims:** List the broad, long-term objectives and the goal of the specific research proposed, e.g., to test a stated hypothesis, create a novel design, solve a specific problem, challenge an existing paradigm or clinical practice, address a critical barrier to progress in the field, or develop new technology. One/half page is recommended.
- b. **Background and Significance:** Briefly sketch the background leading to the present application, critically evaluate existing knowledge, and specifically identify the gaps that the project is intended to fill. State concisely the importance and health relevance of the research described in this application by relating specific aims to the broad, long-term objectives. If the aims of the application are achieved, state how scientific knowledge or clinical practice will be advanced. Describe the effect of these studies on the concepts, methods, technologies, treatments, services or preventative interventions that drive this field.
- c. **Preliminary Studies:** For new applications, use this section to provide an account of the PI's preliminary studies pertinent to this application. This information will also help to establish the experience and competence of the investigator to pursue the proposed project. Preliminary data is welcome but not required for Resident, Fellow, Scholar and Seed Grant applications. If there is no preliminary data, provide supporting evidence in existing literature.
- d. **Research Design and Methods:** Describe the research design conceptual or clinical framework, procedures, and analyses to be used to accomplish the specific aims of the project. Include how the data will be collected, analyzed, and interpreted. Describe the applicant's specific roles in each phase of the project. Describe any new methodology and its advantage over existing methodologies. Describe any novel concepts, approaches, tools, or technologies for the proposed studies. Discuss the potential difficulties and limitations of the proposed procedures and alternative approaches to achieve the aims.
- e. **Timeline of events**
As part of this section, provide a tentative sequence of timetable for the project.
- f. **Bibliography**

4. **Budget & Other Sources of Support**

Detailed Budget & Justification. **The RSNA Research & Education Foundation does not pay institutional overhead costs or indirect costs.** Please use the provided budget template and include a budget justification along with detailed information on other sources of support (pending and received).

5. **Letters of Support (if applicable)**

Include letters of agreement if equipment/supplies are provided by external sources or if there is significant collaboration beyond the scientific advisor.

6. **Signatures**

Enter names and contact information for your department chair, scientific advisor (if applicable) and grant administrator. Download the signature page (PDF), obtain signatures, and upload the signed document into the application.

7. **AI Disclosure Statement**

If AI or AI-assisted technologies (e.g., ChatGPT, Bard, image generators) were used in preparing the application, include a supplemental statement with:

- a. Name and version of the AI tool(s)
- b. Date(s) of access
- c. Name of the manufacturer/creator
- d. Description of how the technology was used
- e. Transparency in AI use is required and will be considered during review.

Submission

Once all sections are complete, click “Review My Work” to submit and preview your compiled application.

You may download a print-friendly version and request an email confirmation of your submission.

When all sections of the application have been completed, click the “Review My Work” button, to submit and view the compiled grant application. Make sure the data and uploaded documents have been formatted correctly. You may download a print-friendly version of your submission from this page and opt to have an emailed confirmation of your submission emailed to you.