



Research Scholar Grant

Policies and Procedures

August 2025

The RSNA Research & Education Foundation is dedicated to fostering the growth of a diverse and inclusive future workforce in radiology. We believe that diversity enriches the field by bringing a wide range of perspectives, celebrating differences, and empowering individuals to reach their full potential. In support of this mission, RSNA encourages all eligible applicants to apply for research and education grant funding.

Please note that eligible institutions may submit a maximum of two scholar grant applications per funding cycle. Institutions are encouraged to coordinate internally to ensure submissions align with this limit and reflect their strongest candidates.

Purpose

To support junior faculty members who have completed the conventional resident/fellowship training program(s); but have not yet been recognized as independent investigators. The purpose of the funding is to help establish the recipient as an independent investigator, and to collect preliminary data that could lead to further funding through established mechanisms such as the NIH. Recipients will devote a minimum of 20% of their time in the approved research project.

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.
- Applications should describe the unique nature of the research effort independent of existing research efforts and should have well-defined goals for the funding period of the grant. Greater emphasis on the independent nature of the research will be stressed compared to resident/fellowship research efforts.
- 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

- \$100,000 annually for 2 years (\$200,000 total) to be used as either salary support and/or research related costs. Grant recipients are expected to include in their budget funds to cover costs associated with travel to the RSNA annual meeting to fulfill Scholar Mentorship Program commitments.
- The RSNA Research & Education Foundation does not pay institutional indirect costs or overhead costs.
- Unexpended funds must be returned to the Foundation.

Payment Schedule

Research Scholar Grants run July 1 – June 30, for 2 consecutive years. Grant funds will be paid to the institution in two installments annually. 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

- Applicants must be an RSNA Member (at any level) at the time of application, and throughout the duration of funding. 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 or equivalent permanent position based on institutional standards in a department of radiology, radiation oncology, or nuclear medicine within a North American educational institution at the time of application.
- Applicants must be within 8 years of initial faculty appointment with an academic rank of instructor or assistant professor, (or equivalent).
- Applicants 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 must not have been principal investigator on external/extramural grant/contract amounts totaling more than \$60,000 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 investigator(s) 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. Special Note: Acceptance of one of the following grant awards precludes eligibility to accept any of the other grant awards during the same, or any subsequent, year: ARRS Scholar Award, AAR Clinical Effectiveness in Radiology Research Academic Fellowship (CERRAF) Award, RSNA Research Scholar Grant.

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 junior faculty member who has not yet been recognized as an independent investigator with established funding. If the research is part of a larger effort in an established lab, is the project for which the scholar 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?
- **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 expectations of the junior faculty based on background and experience, 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 SCHOLAR GRANT

RSNA Advanced Course in Grant Writing

To encourage the Research Scholar to pursue research in an academic setting, Principal Investigators will be required to register for and complete the RSNA Advanced Course in Grant Writing offered by the RSNA Department of Research. The purpose of the Advanced Course in Grant Writing is to assist participants, generally junior faculty members, to prepare and submit a quality grant application to the NIH, NSF, or other equivalent institution. The course consists of four multi-day sessions spanning a 7- to 9-month period, held at RSNA Headquarters in Oak Brook, Illinois. For more details, visit the RSNA Grant Writing and Research Development Programs Website, <https://www.rsna.org/education/workshops/advanced-course-in-grant-writing>. Investigators who have already completed an equivalent course during the RSNA Research Scholar funding cycle, may opt out of the RSNA Advanced Course in Grant Writing. In these cases, the scholar must submit a request to bypass the course, to be considered by the Foundations Grant Program Committee. The letter of request should be cosigned by the department chair and include details of the equivalent course and the dates of participation.

Scholar Mentorship Program

In order to provide enhanced research mentorship, each Research Scholar will be assigned an external mentor within 90 days acceptance of the Scholar Award. Assigned mentors have previously received RSNA Scholar grants and will be external from the grant recipient's current institution. The goal of the Scholar Mentorship Program is to provide the scholar with an outside mentor who can provide a different perspective to the project and ideally help develop scholars into stronger investigators. It will also help grow the scholars' network of colleagues who are established clinical investigators. During the two-year grant period, the mentor and grant recipient will be encouraged to: a.) meet face-to-face at RSNA or another national meeting b.) meet remotely twice per year and c.) communicate via email or phone as needed.

At each RSNA Scientific Assembly and Annual Meeting, the Research Scholars will assemble as a group; second-year Scholars will present an update on the progress made to date, first-year Scholars along with mentors will participate as a panel to ask appropriate questions. Attendance at the RSNA Scientific Assembly and Annual Meeting by the Research Scholars will be required to meet the conditions of the award.

Mentor/mentee surveys will be sent at the conclusion of the two-year grant period to assess how successful the mentorship was and to seek input for refinements to the program. Participation in the mentor program is required by research scholars.

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

At the end of the first year, each recipient must submit an interim report that demonstrates progress toward the stated goals of the proposal. The second year of funding will not be released until the interim report is submitted. A final written report, along with final financial statement must be submitted 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 an 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 Scholar 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.