

THE FOUNDATION OF THE ASNR



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PROSPECTUS:

◆ *Research Scientist Award in Neuroradiology*

(\$60,000) POLICIES AND PROCEDURES

PURPOSE

The Research Scientist Award in Neuroradiology was created to provide research opportunities for PhD, MD and MD-PhD investigators to advance the science of neuroradiology. Scientific research is the foundation upon which the clinical practice of neuroradiology is built. Research scientists in partnership with radiologists have traditionally led the development of new imaging technologies and image-guided procedures. The directive of this award is to assist young scientists in their transition to becoming independent investigators in neuroradiology research as well as to help established investigators initiate new projects with relevance to neuroradiology. **Although any research area in neuroradiology will be considered, the award emphasizes the development of diagnostic and interventional neuroradiology, basic science, and translational research.**

ELIGIBILITY

A candidate must be a member of ASNR in good standing with a PhD degree, or equivalent doctoral degree, in biomedical science, engineering, computer science, physics or allied fields in science and engineering. Postdoctoral fellows and junior faculty are encouraged to participate. Physicians with MD or MD-PhD equivalent medical degrees who have exceptional training in research and a demonstrated track record of peer-reviewed original research publications are also invited to apply. Physicians who are in clinical practice, more than 25% during the award period are not eligible, as this award is dedicated to the support of full-time research scientists.

While under the auspices of the Foundation Research Award, the candidate must be serving as a postdoctoral fellow or faculty member in a department with an approved neuroradiology program. Postdoctoral fellows must be under the direct supervision of an ASNR *Senior* Member, who is willing to act as mentor and project supervisor.

RESEARCH AWARDEE ACTIVITIES

A. The award will initially be approved for one year. A second year may be requested during the third quarter of the first year of the award. Approval for the second year will depend on funding cycles and a successful demonstration of research progress.

B. Preference will be given to innovative proposals that are likely to advance the field of neuroradiology or our understanding of fundamental aspects of physiology or pathophysiology through neuroradiology research. Research may involve any aspect of neuroradiology and may include projects related to: technology and device development, physiological neuroimaging using PWI, fMRI, DTI/HARDI, ASL, MR spectroscopy, PET, MEG, CT or MR related techniques; development or evaluation of interventional and therapeutic procedures in neuroradiology; development and testing of novel molecular ligands and molecular imaging, bioinformatics and analysis methods; development and/or application of animal models for translational imaging research; bio statistical and mathematical algorithms for application in neuropathological diseases; and genomic research.

A list of prior awardees may be found at:

https://foundation.asnr.org/?page_id=508

C. The research proposal must have a clearly stated, testable hypothesis and well-developed aims.

D. An itemized budget is required as part of the award proposal submission. Funds (up to the maximum of the award) may be apportioned as required by the investigator, but must be briefly justified in the application. Examples of fund use might include: (i) salary support for protected research time for the investigator, (ii) salary support for associated staff (e.g. research assistants and/or PhD collaborators), (iii) appropriate equipment and/or scanner time access, and combinations of the above.

E. For postdoctoral fellows, the ASNR *Senior* Member who is the mentor should be an individual with expertise in research or teaching in the area related to the proposed project. This mentor will serve to guide the project, and must be willing to take responsibility for its performance and completion. A letter of support from the mentor detailing the program should be submitted with the application.

F. The ultimate goal of this program is to prepare awardees for careers as independent investigators with a long-term goal of sustained federal or foundation funding. Applicants and their mentors should carefully review the requirements for NIH awards, for example K-series, on the following website: <http://grants.nih.gov>, and discuss the time commitment required with their Department Chair, before submitting the application for the Foundation awards. Preference will be given to those projects that demonstrate potential for external funding beyond the Foundation funding period. This award can be considered as a career development award.

LOCATION OF STUDY

- A. Strong consideration will be given to applicants from Departments and Institutions that show a commitment to the applicant's career development.
- B. The parent institution must demonstrate adequate resources and facilities to carry out the terms of the project. Specific involvement by experts outside of Radiology will be looked upon favorably. A letter of support from the Department Chair is required.

CONDITION OF APPOINTMENT

- A. The total award amount is up to \$60,000 per year (direct costs only), which will be paid in two equal installments on July 1st and January 1st of the year of the award. **Any portion of the award not utilized should be returned to The Foundation of the ASNR.**
The proposed allocation of award resources (salary support and other research costs) should be specified in a detailed line-item budget submitted with the full proposal.
- B. The funding will go directly to the Institution or the department of Radiology as direct costs only. No overhead or indirect costs are provided.
- C. Bi-yearly updates due on the 1st of January and the 1st of July within the year of the award cycle must be submitted in writing to The Foundation of the ASNR. These are not to exceed one page. The progress report should summarize the specific aims and the progressed achieved, explain any significant changes to the specific aims, new directions to be undertaken due to those changes, and expenditures to date. Any publications, patents, or other material related to the funded research should be included on a separate page and submitted separately. The final report should include the above with the additional summary if a publication, patent, or grant is being or will be prepared using the results obtained from this Foundation grant. In the final report, a second page should be submitted separately describing the clinical impact of the results of the research, the strengths and weakness of the Foundation grant program, and the role that the Foundation or ASNR had, has, or might have in their future. In addition, a Return on Investment Survey will be emailed to recipient 3 and 5 years after receiving grant.
- D. Award recipients will present their research at the ASNR 58th Annual Meeting in Las Vegas, Nevada, May 30 - June 04, 2020.
- E. The American Journal of Neuroradiology (AJNR) welcomes the best science and encourages publication submissions to AJNR before considering other journals.
- F. Applicants who have held any of the Foundation of the ASNR Research Awards, the RSNA Research Scholar, Research Fellow, or Research Seed Grant Award, GERRAF, or ARRS Grant Award in the past must declare their previous awards on the application. The applicant is considered ineligible if they are or will concurrently be holding any of previously mentioned grants, while applying to or holding a grant from the Foundation of the ASNR.

- G. Applicants who have held any trainee award from any foundation in the past must declare their previous awards on the application. The applicant is considered ineligible if they are or will concurrently be holding any of previously mentioned grants, while applying to or holding a grant from the Foundation of the ASNR.
- H. Note: while institutional IRB approval is not required at time of award proposal submission, IRB approval must be submitted to ASNR before fund disbursement for all award recipients.
- I. No award will be made without prior confirmation from the Program Director or Department Chair that the applicant's proposal will be supported in full by the host institution.
- J. This award may be transferred to another institution, following approval by The Foundation of the ASNR for the designated individual, provided the new institution abides by the original agreement and the awardee is able to carry out the proposed work in the new setting. This request must be submitted in writing to The Foundation of the ASNR at least 30 days prior to the transfer. Each institution sponsoring the awardee will receive a portion of the funding that is in proportion to the length of time that research was performed at their institution. In the event that a decision is made by The Foundation of the ASNR not to allow transfer of the award to another institution, the original institution sponsoring the awardee will receive funds that are proportionate to the length of time the research project was performed at that institution.
- K. The award is not transferable to another individual.

SELECTION METHOD

- A. Awards will be designated and administered by The Foundation of the ASNR.
- B. The Research Committee of ASNR, or its designate, will provide review and recommendations to the Foundation for the recipient of the award. Preference will be given to innovative proposals that are felt likely to advance the field of neuroradiology or our understanding of fundamental aspects of physiology or pathophysiology through neuroradiology research.
- C. Applications from senior and junior scientists will not be reviewed separately, but special consideration will be given to applicants who are within 5 years of their doctoral degree.

APPLICATION SCHEDULE

- A. The deadline for receipt of letters of intent is 9:00 AM Central Standard Time (CST), Monday, November 5, 2019. These should be one-page abstracts of the research proposal, submitted electronically via Survey Monkey applied.

Please visit <https://asnr.smapply.io> to submit your LOI by creating an account or logging-on and selecting the award for which you would like to apply.

- B. The deadline for receipt of full proposal submissions is 9:00 AM Central Standard Time (CST), January 21, 2019. Full proposals should also be submitted via asnr.smapply.io

- C. Selection of award recipients will be in early spring, with subsequent notification of the recipient and institution. All those with interests in the award, or employees of an institution that may be involved in the award, shall recuse themselves from voting on such applications. In the event that applications are received from the institutions of the Research Committee co-Chairs, the Co-Chair(s) will recuse themselves the responsibility of coordinating review of the applications from their home institution.

In June of 2019, the Foundation Research Awards announcement will be made via E-News and posted on the ASNR and Foundation of the ASNR websites. The recipient will present his/her research at the ASNR 58th Annual Meeting May 30, - June 04, 2020 and receive an invitation to the President's Reception during that same time.