

## THE FOUNDATION OF THE ASNR



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### PROSPECTUS:

#### ◆ *Collaborative Neuroimaging Research Grant (\$60,000)*

### POLICIES AND PROCEDURES

#### PURPOSE

The Collaborative Neuroimaging Research Grant was created to foster innovative collaboration between neuroradiology physicians and scientists. This grant is intended to provide joint collaborative opportunities for MD, PhD, and MD-PhD investigators to work together in advancing the science of neuroradiology. Scientific research is the foundation upon which the clinical practice of neuroradiology is built. Partnerships between neuroradiology clinicians and scientists have traditionally led the development, translation, and implementation of new imaging technologies and image-guided procedures. The directive of this award is to train physicians and scientists in collaborative neuroimaging research. **Although any research area in neuroradiology will be considered, the award emphasizes the development of innovative diagnostic and interventional neuroradiology techniques, or basic science research with a translational component.**

#### ELIGIBILITY

An application must be submitted jointly by at least two co-principal investigators. At least one-co-PI must be a practicing neuroradiologist with a clinical activity. At least one co-PI must have a PhD without a significant activity as a clinical neuroradiologist.

The physician candidate must be a member of ASNR in good standing with an MD, DO, MD PhD or equivalent degree, and must be board-certified or board-eligible in Radiology by either the American Board of Radiology or the Royal College of Physicians and Surgeons of Canada (RSPSC). A candidate must have completed a residency in Diagnostic Radiology and be enrolled in or have completed an ACGME- approved fellowship in neuroradiology or a fellowship in Pediatric Neuroradiology by the award period. All levels of faculty are encouraged to apply. Clinical neuroradiology fellows must be under the direct supervision of an ASNR *Senior* Member, who is willing to act as mentor and project supervisor.

The scientist candidate must be a member of ASNR at the time of submission with a PhD degree, or equivalent doctoral degree, in biomedical science, engineering, computer science, physics or allied fields in science and engineering. Postdoctoral research fellows must be under the direct supervision of an ASNR *Senior* Member, who is willing to act as mentor and project supervisor. Physicians who are in clinical practice more than 25% during the award period are not eligible as a scientist candidate.

## RESEARCH AWARD ACTIVITIES

- A. The award will initially be approved for one year. A second year of no-cost extension may be requested during the third quarter of the first year of the award. Approval for the second year will depend on a successful demonstration of research progress.
- B. The nature and feasibility of the collaborative plan will be a leading consideration in proposal evaluation. 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. Research may involve any aspect of neuroradiology and may include projects related to (but not limited to): technology development and assessment, physiological neuroimaging using PWI, fMRI, DTI/HARDI, ASL, MR spectroscopy, PET, MEG, CT or MR related techniques; or the 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; biostatistical and mathematical algorithms for application in neuropathological diseases; and genomic research. These are examples of projects, but applications can vary as long as the research is focused on neuroradiology.
- 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 investigators but must be briefly justified in the application. Examples of fund use might include: (i) salary support for protected research time for the investigators, (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 clinical or postdoctoral fellows, the ASNR *Senior* Member who is the mentor should be an individual with expertise in research 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 goal of this program is to foster innovative collaboration across diverse fields. Preference will be given to those projects which demonstrate potential for external funding beyond the Foundation funding period.

## LOCATION OF STUDY

- A. Strong consideration will be given to applicants from departments and institutions that show a commitment to the applicants' career development and mutual collaboration. PI for different institutions can apply jointly as long as they can demonstrate that the collaboration will be successful, and that the multiplicity of institutions will not represent an obstacle.
- B. The parent institution(s) 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.

- C. A letter of support from the Department Chair(s) is required.

## CONDITION OF APPOINTMENT

- A. The total award amount is up to \$60,000 total per year (direct costs only), which will be paid in two equal installments on July 1<sup>st</sup> and January 1<sup>st</sup> of the year of the award. Funds will be apportioned between the co-investigators as detailed in the proposed budget. **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(s) or the Department(s) of Radiology as direct costs only. No overhead or indirect costs are provided.
- C. Bi-yearly updates due on the 1<sup>st</sup> of January and the 1<sup>st</sup> 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 progress 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 the applicants' future. In addition, a Return on Investment Survey will be emailed to recipient 3 and 5 years after receiving the grant.
- D. Award recipients will present their research at the ASNR 60th Annual Meeting in New York, NY May 13-19, 2022.
- 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. Applicants are 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. Note: while institutional IRB approval is not required at the time of award proposal submission, IRB approval must be submitted to ASNR by participating institutions before fund disbursement for all award recipients.**
- H. No award will be made without prior confirmation from the Program Director(s) or Department Chair(s) that the applicants' proposal will be supported in full by the host institution(s).
- I. This award may be transferred to another institution(s), following approval by The Foundation of the ASNR for the designated individual(s), provided the new institution abides by the original

agreement and the awardee is able to carry out the proposed work/collaboration 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.

- J. A No-Cost Extension of the terms of the grant may be requested to extend the research 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 must be made in writing to the Chairs of the ASNR Research Committee. The request must state the reason(s) for the extension, length of extension requested, and review the progress in the original grant period. Requests must be submitted at least 30 days prior to the original ending date. Interim reports must be submitted every six months during the extension period. **Please note that only one No-cost extension request will be considered per project.**
- K. The award is not transferable to other individuals.

## 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 **collaborative** proposals that are felt likely to advance the field of neuroradiology or our understanding of fundamental aspects of physiology or pathophysiology through neuroradiology research. Details of collaboration must be provided for which the critical role of each PI is clearly described.

## APPLICATION SCHEDULE

- A. **The deadline for receipt of letters of intent is 9:00 AM Central Standard Time (CST), Monday, November 2, 2020. These should be one-page abstracts of the research proposal, submitted electronically via SurveyMonkey Apply.**

**Please visit <https://asnr.smapply.io> to submit your LOI by creating an account and logging-on to select 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), Tuesday, January 19, 2021. Full proposals should also be submitted via [asnr.smapply.io](https://asnr.smapply.io)**

- C. Selection of award recipients will be in early spring, with subsequent notification of the recipients and institution(s). 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. If 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.

- D. **Please visit FAQ section of the Foundation of the ASNR website at <https://foundation.asnr.org/page/awards/faq/> for further clarifications.**

**E.** In May/June 2021, 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 60th Annual Meeting in New York, NY May 13-19, 2022, and receive an invitation to the President's Reception during that same time.