

# THE FOUNDATION OF THE ASNR



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## PROSPECTUS:

- ♦ **Scholar Award in Neuroradiology Research (\$60,000)**

## POLICIES AND PROCEDURES

### PURPOSE

The Scholar Award in Neuroradiology Research was created to provide funding opportunities for investigators not yet professionally established in neuroimaging research, and to obtain experience and competency in newly developing fields within neuroradiology. Scientific research is the foundation upon which the clinical practice of neuroradiology is built. Neuroradiologists must be leaders in the development of new imaging technologies and image-guided procedures, as well as in assessment of the roles of these technologies and procedures in the care of patients. The directive of this award is to train individuals in neuroscience research in important areas. **Although any research area in neuroradiology will be considered, the awards emphasize the application of techniques in basic science research to diagnostic and/or interventional neuroradiology.**

### ELIGIBILITY

A candidate must be a member of ASNR in good standing with an MD or DO 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 at least one year in an ACGME-approved fellowship in neuroradiology or be enrolled in an ACGME-approved fellowship in neuroradiology during the award period. Junior faculty are encouraged to apply. In some circumstances the award may also be appropriate for mid level faculty wishing to alter their research path. The award is not intended for established or senior investigators.

While under the auspices of the Foundation Research Award, the candidate must be in an ACGME-approved fellowship program, or be serving as a faculty member in neuroradiology. The candidate must be under the direct supervision of an ASNR *Senior Member*, who is willing to act as mentor and project supervisor.

### RESEARCH AWARD ACTIVITIES

- 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 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 for instance projects related to: technology assessment, patient outcomes, health services research, physiological neuroimaging using PWI, fMRI, DTI/HARDI, ASL, MR spectroscopy, PET, MEG, CT or MR related techniques and multimodal technology; or the development or evaluation of interventional and therapeutic procedures in neuroradiology. Meta-analyses will also be considered. Retrospective reviews will be considered less favorable.

A list of prior awardees may be found at:  
[http://www.asnr.org/foundation/awards/award\\_scholar.shtml](http://www.asnr.org/foundation/awards/award_scholar.shtml).

- 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. During the tenure of the award, which is considered as a career development award, the recipient must have access to and participate in an organized core-training program, to include such topics as biostatistics, experimental design, epidemiology, neurophysiology, image processing, and preparation of scientific papers and grants. A plan and schedule to carry out this training must be provided in the original award application, and will be strongly considered in selecting the award recipient. Sources for this training may include institutional programs available to research fellows within the institution, RSNA courses in writing papers or grant writing and design, and personal instruction by the mentor on paper, as well as grant writing training. A formal course on grant writing is a requirement during the award period.
- F. The ASNR *Senior* Member who is the mentor should be an individual with expertise in research or teaching in health services research, functional neuroimaging, interventional neuroradiology, or other 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.
- G. 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 chairman, before submitting the application for the Foundation awards. 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 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 Chairman 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 1<sup>st</sup> and January 1<sup>st</sup> 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 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 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.
- D. The American Journal of Neuroradiology (AJNR) welcomes the best science and encourages publication submissions to AJNR before considering other journals.
- E. Applicants who hold 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 will not be eligible for another award or fellowship in that same year.
- F. An institution will only be permitted to accept one research award sponsored by The Foundation of the ASNR.
- G. **Note: while institutional IRB approval is not required at the time of award proposal submission, no funds will be disbursed before such approval is documented.**
- H. **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. Such documentation will be requested by the Foundation after proposal review.**

- I. 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.
- J. 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 7<sup>th</sup>, 2016. These should be one-page abstracts of the research proposal, submitted electronically (in .pdf or .doc format) via FluidReview.**  
  
**Please visit <https://asnr.fluidreview.com> to submit your LOI by creating an account or logging-on and selecting the award you would like to apply for.**
- B. **Applicants who are selected from the letter of intent stage will be notified that they are invited to submit a full proposal, and an application will be provided. The deadline for receipt of full proposal submissions is 9:00 AM Central Standard Time (CST), Monday, January 18<sup>th</sup>, 2017. Full proposals should also be submitted via FluidReview.**
- C. Selection of award recipients will be in early spring 2017, 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 ASNR Vice President will assume the responsibility of coordinating review of the applications. In April of 2017, the Foundation Research Awards announcement will be made at the ASNR 55<sup>th</sup> Annual Meeting and posted on the website.