



2024 Strategic Research Grant: AASM Strategic Plan Goals

ISSUE DATE:	September 18, 2023
LETTER OF INTENT DUE DATE:	October 23, 2023 by 11:59 pm ET
INVITATIONS TO SUBMIT FULL APPLICATION:	By January 29, 2024
APPLICATION DUE DATE:	March 11, 2024 by 11:59 pm ET
GRANT SELECTION NOTIFICATION	By July 26, 2024
PERIOD OF PERFORMANCE:	Category I: 1-3 years Category II: 1-2 years Category III: 1-2 years
AMOUNT OF GRANT:	Category I: Up to \$250,000 Category II: Up to \$100,000 Category III: Up to \$50,000
LINK TO LETTER OF INTENT:	https://www.GrantRequest.com/SID_5880?SA=SNA&FID=35159
CONTACT:	AASM Foundation 2510 N. Frontage Road Darien, IL 60561 Phone: 630-737-9724 E-mail: foundation@aasm.org

The AASM Foundation is committed to improving patient-centered diagnosis and care for people with sleep disorders. To ensure that there is a continued advancement in effective diagnosis and care of people with sleep disorders, the AASM Foundation provides research funding through the Strategic Research Grant. This grant is investigator-initiated and supports high-impact research projects aimed at addressing gaps in knowledge that impact the ability to provide optimal, patient-centered, cost-effective diagnosis and care for people with sleep disorders.

RESEARCH FOCUS

This is a focused request for applications (RFA) open to **topic areas related to the following [American Academy of Sleep Medicine \(AASM\) Strategic Plan Goals: Advocacy to Improve Patient Care, Public Awareness, Technology Innovation, and Workforce Development](#)**. Topic areas that address the AASM Strategic Plan Goals must advance the field of sleep medicine and population sleep health. Details and examples for each of these specific research domains and topic areas of interest are provided below. Only applications that fit into one of these research domains will be considered.

1. Advocacy to Improve Patient Care - Positively influence clinical practice for providers and their patients. Topics that fall under the strategic goal of improving patient care include, but are not limited to:

- Research for understanding:
 - The impact of drug use (e.g., cannabis, opioids) on sleep health and sleep disorders.
 - Predictors of treatment adherence.
- Comparative effectiveness research, especially in special populations (e.g., pediatrics, women, older adults, people with comorbidities), of:
 - Diagnosis of sleep disorders (e.g., new diagnostic devices, delivery methods, alternate metrics for diagnosis or characterization of disease severity, endotyping)
 - Interventions and delivery methods to treat sleep disorders.
 - Interventions (e.g., technology, behavioral, psychological, pharmacologic) to improve sleep disorder treatment adherence.
- Health services research for:
 - Understanding the impact of screening for sleep disorders by non-sleep clinicians.
 - Understanding patient preferences and satisfaction with different treatment options for sleep disorders.
 - Evaluating the economic impact of treating sleep disorders on long-term healthcare utilization.

2. Public Awareness - Promote greater public recognition that sleep is essential to health. Topics that fall under the strategic goal of increasing public awareness include, but are not limited to, projects that:

- Develop or implement strategies that address the importance of sleep in the pediatric population (infancy through adolescence) and/or the impact of sleep deprivation and sleep disturbances in development, mental health, cognition, mood, school performance, etc.
- Implement strategies to increase clinician awareness of the importance of healthy sleep and appropriately diagnosing and treating sleep disorders with models for follow-up with sleep medicine care with a board-certified sleep provider.
- Develop awareness strategies that address sleep disturbances and sleep disorders and their connection to various other health conditions.

Note: Projects that use or expand [AASM sleep education resources](#), [AASM Sleep is Good Medicine](#) campaign, or results from [AASM Foundation-funded projects](#) to promote healthy sleep and highlight sleep as a pillar of health will be given priority.

3. Technology Innovation - Positively influence the impact of technology, and artificial intelligence on patients and the sleep team. Topics that fall under the strategic goal of technology innovation include, but are not limited to, research that:

- Evaluates current and new technology for expanding delivery of sleep care to improve patient outcomes, quality of care, and cost-effectiveness.
- Leverages consumer wearables for promoting and improving sleep in patients, increasing engagement with the sleep team, monitoring and improving patient care and treatment adherence.
- Harnesses large datasets and computing power to yield greater clinical sleep insights, augment clinical expert opinion of sleep data, enhance diagnostic abilities, patient care, and treatment.

4. Workforce Development - Expand the sleep team workforce of the future to improve access to high-quality sleep care. Topics that fall under the strategic goal of workforce development include, but are not limited to, research that:

- Develops and tests comprehensive and innovative models of care that use a team-based approach for long-term care and management of people with sleep disorders.
- Evaluates the value of services provided by sleep physicians and the sleep team or assesses how their roles in patient care may evolve in the future.

Note: Projects focused on central disorders of hypersomnolence, REM sleep behavior disorder, dissemination and implementation research, or sleep health disparities will not be considered under this RFA and should be submitted to the 2024 Strategic Research Grant: Central Disorders of Hypersomnolence Research RFA, 2024 Strategic Research Grant: REM Sleep Behavior Disorder Research RFA, or 2024 Strategic Research Grant: Dissemination and Implementation Research.

FUNDING INFORMATION

The Strategic Research Grant program is organized into three categories to allow flexibility and a range of funding opportunities to potential applicants:

- Category I is for those applicants seeking funding for projects up to \$250,000 and covers a project period of up to three years.
- Category II is for those applicants seeking funding for projects up to \$100,000 and covers a project period of up to two years.
- Category III is for those applicants seeking funding for projects up to \$50,000 and covers a project period of up to one year.

The funds can be used for research expenses such as salary support (commensurate with current stipends or salaries), supplies, participant costs and institutional overhead. There are no restrictions on the distribution of expenses, however, indirect costs are capped at 8%. The grant is executed as a contract between the AASM Foundation and the grantee's institution.

This AASM Foundation research grant is supported by the American Academy of Sleep Medicine.

ELIGIBILITY

The following individuals are eligible to apply:

- Sleep scientists with a master's level degree or higher are eligible to apply.
- Individuals may apply for multiple AASM Foundation grants, however, the same proposal (i.e., projects with budgetary and scientific overlap) may not be submitted for multiple requests for applications in a given cycle. Additionally, if an individual submits more than one application in a given Strategic Research Grant cycle, the

AASM Foundation will only approve funding one grant should multiple proposals submitted by the applicant receive a competitive score.

- Individuals who are the Principal Investigator on an open AASM Foundation research grant at the time of the application deadline are eligible to apply if they can demonstrate that there is no budgetary or scientific overlap between their open grant and the new project they are applying for funding. If there is budgetary and/or scientific overlap between projects, the applicant must indicate their plan to close their open grant in the event their new application is selected for funding (e.g., relinquish the current grant or complete the current grant to start the new grant).
- International individuals who meet all the eligibility criteria are eligible to apply; however, payment of grant funds must be accepted by the institution in US dollars.

INELIGIBILITY

The following individuals are not eligible to apply:

- Individuals who have a financial conflict of interest or have the potential to incur significant financial benefit from the proposed work and beyond the work itself are not eligible to apply.
- Individuals who are seeking funding from AASM Foundation research grants to support ongoing projects that are currently funded by another granting body or supplement ongoing work (e.g., enrolling additional subjects into an ongoing trial) are not eligible to apply.

Note: The principal investigator will be required to make a statement to this effect prior to execution of the contract.

- Current AASM and AASM Foundation Board of Directors members are not eligible to apply and cannot be listed as a PI, co-PI, key personnel, mentor (paid or unpaid) or paid consultant for one year after their term ends.

Note: In rare instances, AASM and AASM Foundation Board members may serve as unpaid consultants on an application, however, this requires Executive Committee approval prior to submitting the application.

LETTER OF INTENT REQUIREMENT

This grant is a two-stage application process, in which a letter of intent (LOI) is required prior to submission of a full application. Applicants will then be notified whether they will be invited to submit a full application. If the LOI is not approved, the applicant may not apply for the grant.

Please note that the information submitted in the LOI (e.g., grant category, key personnel, research domain) is final and those invited to submit a full application will be bound by the content of their approved LOI unless a modification was specifically requested or approved by the AASM Foundation.

For an overview on how to write an effective LOI and Application for the AASM Foundation Strategic Research Grant, please view the following resources:

[Strategic Research Grant Letter of Intent Guide](#)

[Strategic Research Grant: How to Submit a Competitive Letter of Intent and Application Webinar](#)

LOI REVIEW CRITERIA

For applicants who voluntarily submit a LOI, the AASM Foundation Executive Committee will review all submitted LOIs. The following criteria will be considered in determining whether the applicant will be invited to submit a full application for consideration:

- 1. Responsiveness:** Responsiveness to one of the topic areas being requested as part of this RFA.
- 2. Significance:** Potential significance of the planned research in addressing important problems or critical barriers needed to progress the sleep medicine field.
- 3. Strategic Goal Alignment:** Alignment with the AASM Foundation’s strategic goal of improving patient-centered care through high impact research.

APPLICATION REVIEW CRITERIA AND PROCESS

Once LOIs are reviewed, invitations will be sent out to applicants who have a favorably reviewed LOI so a full application may be submitted. For invited applicants who submit a full application, a grant review committee, appointed by the AASM Foundation Executive Committee, will evaluate and score all submitted applications. Factors that will be taken into consideration include:

- 1. Significance:** Strong scientific premise of planned research in addressing important problems or critical barriers needed to progress the sleep medicine field.
- 2. Investigators:** Experience, training, and ongoing record of accomplishments of the principal investigator(s) and key personnel.
- 3. Innovation:** Use of novel theoretical concepts, approaches or methodologies, instrumentation, or interventions that challenge and seek to shift current research or clinical practice paradigms.
- 4. Approach:** Strategies to ensure a robust and unbiased approach, methodology, analyses, and benchmarks for success are well-reasoned and appropriate for the specific aims of the planned research.

5. Environment: Institutional support, availability of equipment and other physical resources that contribute to the probability of success of the planned research.

Only materials submitted within the application will be used in the evaluation of applications. The AASM Foundation Executive Committee will submit funding recommendations to the AASM Foundation Board of Directors based on the Grant Review Committee scores and consideration of the AASM Foundation’s strategic priorities. The AASM Foundation Board of Directors will make the final funding decisions.

PAYMENT SCHEDULE

Category I Grants	
Payment #1 – Upon execution of contract	50%
Payment #2 – At project midpoint after approval of Progress Report	40%
Payment #3 – Upon receipt and approval of Final Report	10%

Category II and Category III Grants	
Payment #1 – Upon execution of contract	90%
Payment #2 – Upon receipt and approval of Final Report	10%

If unique circumstances are explained in the budget justification of the applicant’s proposal, the Board of Directors will consider requests for an alternate payment schedule, with a maximum variance of 10%.

Note: Once a contract is executed for the grant, reallocation of funds of <10% does not require approval.

APPLICATION RESUBMISSION POLICY

Past applicants of the 2023 Strategic Research Grant: AASM Strategic Plan Goals RFA, who went unfunded, are allowed a single resubmission within 12 months of receipt of the original application notification, if the project is still relevant to the topics of interest in the current RFA and if invited by the AASM Foundation.

If resubmitting an original and unfunded application, the applicant must still meet all eligibility criteria listed under the Eligibility section of this request for applications. The resubmission must include a response to the reviewers of the original application; resubmissions that do not include this response will not be reviewed. Additionally, the applicant may bypass the LOI submission stage, however, must notify the AASM Foundation of their intent to resubmit an unfunded application by the LOI deadline.

Note: Resubmission of an original application for one grant program across another grant program is not permitted.

DELIVERABLES AND EXPECTED OUTCOMES

The AASM Foundation Strategic Research Grant supports high-impact research which will advance the diagnosis, treatment, and delivery of patient-centered care across the healthcare continuum for people with sleep disorders. The AASM Foundation intends that the research funded by this grant will lead to the publication of original research in peer-reviewed journals.

Applicants are expected to address the specific aims as described in the application. Major modification of the proposed aims requires AASM Foundation Board of Directors or Executive Committee approval.

During the project period, or shortly after project completion, the principal investigator will submit an abstract to the Associated Professional Sleep Societies (APSS) for presentation at the annual [SLEEP meeting](#). The AASM Foundation also anticipates that projects funded by this grant will lead to the publication of original research in peer-reviewed journals, such as the [Journal of Clinical Sleep Medicine](#).

The expected results and deliverables should be clearly stated in the application. The applicant must submit progress and final reports during the project period, describing project activities and results, as outlined below. Failure to meet the deliverables or submit progress or final reports may result in termination of project funding.

REPORTING SCHEDULE

Category I and Category II Grants	
Progress Report	Annually
Final Report	Within 90 days of grant completion

Category III Grants	
Progress Report	Six months
Final Report	Within 90 days of grant completion

Outcomes evaluation is an essential component of this grant. All proposals must identify the goals and appropriate outcomes measures of the research. The outcomes should align with the goals and objectives stated in the applicant’s proposal for this grant.

HUMAN/ANIMAL SUBJECT PROTECTION PLAN

If using human or animal subjects, the applicant will be responsible for obtaining Institutional Review Board (IRB) or Institutional Animal Care and use Committee (IACUC) approval. The IRB or IACUC letter of approval for the specified project must be on file with the AASM Foundation office prior to the execution of the contract. No funds will be released for the project without receipt of written approval by an IRB or IACUC. Failure to obtain IRB or IACUC approval will result in retraction of the grant.

LOI AND APPLICATION

Step 1: AASM Foundation Grant Request registration

To apply for this grant, you must register on [AASM Foundation Grant Request](#). Please refer to the [AASM Foundation Grant Request User Access Guide](#) for guidance on setting-up an account.

Step 2: Complete LOI Submission

[**ACCESS THE 2024 STRATEGIC RESEARCH GRANT: AASM STRATEGIC PLAN GOALS LETTER OF INTENT**](#)

The LOI Checklist below shows required attachments to be uploaded. For an overview of the information that is requested on the LOI form, please download the [2024 Strategic Research Grant Letter of Intent Outline](#).

LOI CHECKLIST

Form	Page/Word Limit
<input type="checkbox"/> Face page A. Principal investigator B. Sponsoring organization C. Project information and alignment with RFA	C. 300 words, max
<input type="checkbox"/> Letter of Intent	3 pages, excluding references
<input type="checkbox"/> Project Personnel A. Principal Investigator biosketch and other support page B. Key Personnel: Biosketch and other support	Biosketch: 5 pages per individual Other support page: No page limit

Step 3: Complete Application (invited applicants only)

For invited applicants, full applications must be completed and submitted through [AASM Foundation Grant Request](#). A special link for submitting the full application will be sent to invited applicants. Instructions for required forms are available via the online submission system. The Application Checklist below shows required attachments to be uploaded. For an overview of the information that is requested on the application form, please download the 2024 Strategic Research Grant Application Outline.

APPLICATION CHECKLIST (INVITED APPLICANTS ONLY)

Form	Page/Word Limit
<input type="checkbox"/> Face Page A. Sponsoring organization page <i>Note: The principal investigator, sponsoring organization, and project information will be pre-populated in the face page form. Any changes require prior approval from the AASM Foundation.</i>	
<input type="checkbox"/> Research Plan and Goals A. Abstract B. Research plan and goals	A. 200 words, max B. 6 pages, excluding citations
<input type="checkbox"/> Human Subjects/Animal Research Protection Plan	3 pages
<input type="checkbox"/> Budget and Budget Justification A. Budget B. Budget justification	B. 2 pages
<input type="checkbox"/> Project Personnel <i>Note: The principal investigator and key personnel biosketches and other support pages will be pre-populated in the project personnel form. Any changes require prior approval from the AASM Foundation.</i>	
<input type="checkbox"/> Letters of Support	1 page each

CHECKLIST FOR RESUBMISSION APPLICATIONS (BY INVITATION ONLY)

Form	Page/Word Limit
<input type="checkbox"/> Face Page B. Sponsoring organization page <i>Note: The principal investigator, sponsoring organization, and project information will be pre-populated in the face page form. Any changes require prior approval from the AASM Foundation.</i>	
<input type="checkbox"/> Response to Reviews Response letter to critiques	1 page

<input type="checkbox"/> Research Plan and Goals C. Abstract D. Research plan and goals	A. 200 words, max B. 6 pages, excluding citations
<input type="checkbox"/> Human Subjects/Animal Research Protection Plan	3 pages
<input type="checkbox"/> Budget and Budget Justification C. Budget D. Budget justification	B. 2 pages
<input type="checkbox"/> Project Personnel <i>Note: The principal investigator and key personnel biosketches and other support pages will be pre-populated in the project personnel form. Any changes require prior approval from the AASM Foundation.</i>	
<input type="checkbox"/> Letters of Support	1 page each

APPLICATION QUESTIONS

Frequently asked questions for our grant programs can be found [here](#).

Eligibility questions may need to be reviewed by a member of the AASM Foundation Executive Committee, so please allow for at least a 1-week response time for eligibility questions. For all other inquiries, please allow a minimum of two business days for a response. Please note that questions received within 48 hours of an application deadline may not be answered before the deadline.