

**SRSF Career Development Award**

***Required format: Margins: .5”; Font: Arial 11 pt, single spaced; no smaller than Arial 10 pt in figures and tables.***

**Cover Page**

**Topic** *(please check only one box)***:**

Sleep and Electrical Neuro-Modulation  Sleep/Circadian Research

Application Title:

*Abstract (Limit 250 words)*

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| --- | --- | --- | --- |
| Date of Application:  **Applicant Information**  Applicant Name:  Applicant Email Address:  SRS Member Number:  Post-Doc Training Completion Date:  Applicant’s Institution(s)  (*Current/All other affiliations w/in past three yrs):*  Department:  Academic Title:  Terminal Degree(s) and Date(s) conferred: | **Mentor(s) Information**  ***Must list all primary mentors and their affiliations***  Mentor(s):  Mentor(s) Institution(s):  (*Current/All Other Affiliations w/in past three yrs*): |  | Applicant Institution(s):  Department:  Academic Title:  Degrees and Dates:  Mentor(s)/Institution(s): |

Grant/financial manager name and email:

PI/Applicant Name:

**A. Research Plan:** The plan should include a rationale for the work, an explicit description of how the research will be accomplished, analyzed and interpreted, a consideration of alternative approaches and how the work proposed would strengthen a CDA (Career Development Award) or independent grant application to be submitted during the funding period. (limit—5 pages excluding references)

## Specific Aims

**Background and Significance**

## Methods

**Anticipated Results and Alternative Approaches**

**B. Training Description:** This section should include career goals, techniques learned, mentorship plan and how this award will promote career development and lead to successful submission of a federal grant proposal (1—3 pages).

PI/Applicant Name:

**C. Budget** - Not included in page limit:

## Budget & Budget Justification Annual budget up to $50,000 for one year. No indirect costs may be requested, and a letter from your institution agreeing to the no indirect costs rule is required. Funds can be used to cover salary, research costs, and/or training costs. Travel costs for the annual SLEEP meeting may be included in the budget. The budget must also include other funding sources that will be used to support the applicant or project during the proposed funding period (if applicable). Please include the following budget categories:

|  |  |
| --- | --- |
| **NO INDIRECT COSTS MAY BE REQUESTED** | **Amount** |
| **Personnel:** |  |
| **Equipment:** |  |
| **Supplies:** |  |
| **Travel** (allowed only if essential to carry out project): |  |
| **Other Expenses:** |  |
| **Total Direct Costs:** | **$** |

**D. Timeline for Project (Milestones/Dates).** Should be less than 1 page and should includeresearch milestones, training activities, and the planned submission of a mentored or independent research award. Milestones for each 6-month period should be specified.

**E. Resources** – (1 page limit) Specify equipment, materials, office/lab space, etc. available to applicant and relevant to intended research.

**F. Biosketches**

**(Please attach NIH Biosketch for PI and Mentor, using latest NIH Biosketch format,**

[**http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-024.html**](http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-024.html) **and template below.)**

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE  (if applicable) | Completion Date  MM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
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**Please refer to the** [Biographical Sketch sample](http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-032.html) **in order to complete sections A, B, C, and D of the Biographical Sketch.**

***NOTE: The Biographical Sketch may not exceed FIVE pages. Follow the formats and instructions below.***

A. Personal Statement

Briefly describe why you are well-suited for your role in the project described in this application. The relevant factors may include aspects of your training; your previous experimental work on this specific topic or related topics; your technical expertise; your collaborators or scientific environment; and your past performance in this or related fields (you may mention specific contributions to science that are not included in Section C). Also, you may identify up to four peer reviewed publications that specifically highlight your experience and qualifications for this project. If you wish to explain impediments to your past productivity, you may include a description of factors such as family care responsibilities, illness, disability, and active duty military service.

B. Positions and Honors

List in chronological order previous positions, concluding with the present position. List any honors. Include present membership on any Federal Government public advisory committee.

C. Contribution to Science

Briefly describe up to five of your most significant contributions to science. For each contribution, indicate the historical background that frames the scientific problem; the central finding(s); the influence of the finding(s) on the progress of science or the application of those finding(s) to health or technology; and your specific role in the described work. For each of these contributions, reference up to four peer-reviewed publications or other non-publication research products (can include audio or video products; patents; data and research materials; databases; educational aids or curricula; instruments or equipment; models; protocols; and software or netware) that are relevant to the described contribution. The description of each contribution should be no longer than one half page including figures and citations. Also provide a URL to a full list of your published work as found in a publicly available digital database such as SciENcv or My Bibliography, which are maintained by the US National Library of Medicine.

*(SRS Note)*

*When citing articles that fall under the Public Access Policy, were authored or co-authored by the applicant and arose from NIH support, provide the NIH Manuscript Submission reference number (e.g., NIHMS97531) or the PubMed Central (PMC) reference number (e.g., PMCID234567) for each article. If the PMCID is not yet available because the Journal submits articles directly to PMC on behalf of their authors, indicate "PMC Journal - In Process." A list of these Journals is posted at:* [*http://publicaccess.nih.gov/submit\_process\_journals.htm*](http://publicaccess.nih.gov/submit_process_journals.htm)*. Citations that are not covered by the Public Access Policy, but are publicly available in a free, online format may include URLs or PMCID numbers along with the full reference (note that copies of publicly available publications are not accepted as appendix material.)*

D. Research Support

List both selected ongoing and completed research projects for the past three years (Federal or non-Federally-supported). Begin with the projects that are most relevant to the research proposed in the application. Briefly indicate the overall goals of the projects and responsibilities of the key person identified on the Biographical Sketch. Do not include number of person months or direct costs.

***Additional Resources on new NIH biosketch***

*NIH has online tools that help you construct your biosketch (this is explained in the video and website linked below), but you will need an eRA commons account to use it. If you do not have an eRA commons account please contact your research grants administrator so your institution can request this for you.*

***Video instructions:***[***https://youtu.be/adw8XpTOubU***](https://youtu.be/adw8XpTOubU)***(click full screen) or***[***https://meeting.psu.edu/p7lapbil2fe/***](https://meeting.psu.edu/p7lapbil2fe/)

***Instructions via web:***[***http://sites.psu.edu/pubmed/new-nih-bio-sketch-format-my-ncbi/***](http://sites.psu.edu/pubmed/new-nih-bio-sketch-format-my-ncbi/)

**G. Mentor’s Letter of Support**

1. Attach the mentor’s letter.
2. In general, this letter should come from the intended mentor in the CDA application to be submitted during the award period.
3. The mentor letter should contain sections which specifically address the following questions:
   1. In the view of the mentor, what is the applicant’s potential as an independent career sleep/circadian researcher?
   2. What was the role of the applicant in the development of this research proposal (i.e. in the conception of the hypothesis, generation of preliminary data, analysis of data, writing the proposal?)
   3. What is the evidence for a working relationship between the applicant and mentor, such as joint publications? What contribution did the applicant play in joint publications with the mentor?
   4. What are the planned mentoring activities during the award period?
   5. What support will the mentor provide to the applicant (e.g., salary, office space, project support, etc) which will enable the applicant to accomplish the research plan?