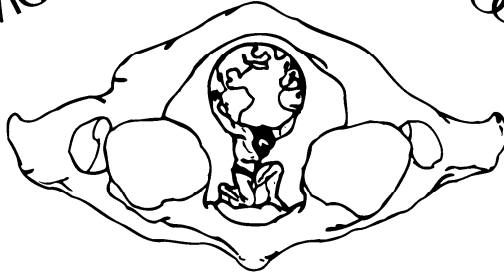


CERVICAL SPINE RESEARCH SOCIETY



FOUNDED 1973

**2010**  
**CERVICAL SPINE RESEARCH SOCIETY**  
**RESEARCH GRANT APPLICATION**  
**Letter of Intent**

- ◆ 21<sup>st</sup> CENTURY DEVELOPMENT GRANTS
- ◆ SEED/STARTER GRANTS
- ◆ RESIDENT/FELLOW GRANTS

**2010 Topics of Special Interest:**

**1<sup>st</sup> Tier Topics**

- ◆ *Comparative effectiveness of cervical spine treatments*
- ◆ *Prospective clinical studies (emphasizing natural history of cervical spine disorders)*
- ◆ *Quality assurance and patient safety*
- ◆ *Complications of cervical spine treatments (emphasis on new technologies)*

**2<sup>nd</sup> Tier Topics**

- ◆ *Non-operative cervical spine care/patient-centered care*
- ◆ *New imaging and diagnostic modalities*
- ◆ *Novel biomaterial technologies*
- ◆ *Training and competency in cervical spine technology*

In order to apply for any of these grants, please submit a 2-page “Letter of Intent” (750 word maximum length) by April 1st. Letters of Intent will receive grading based upon their consistency with special interest topics.

**LETTER OF INTENT DUE APRIL 1<sup>st</sup>**  
**INVITED PROPOSALS DUE JUNE 30<sup>th</sup>**

**Darrel S. Brodke, MD**  
**CSRS Research Chair**  
**6300 N. River Road, #727**  
**Rosemont, IL 60018**

## CSRS RESEARCH LETTER OF INTENT

The mission of the Cervical Spine Research Society is to carry out research and exchange information on the cervical spine. Thanks to the generosity of our 21<sup>st</sup> Century Research and Education Fund Premier Donors, we will be dispensing up to \$200,000 in research grant awards this year, to be distributed among three to six selected grant proposals.

The grant applications undergo a rigorous peer review process by the CSRS Research Committee, which is comprised of CSRS members as well as ex-officio members of industry. If your grant proposal involves patentable intellectual property, you may wish to consider consulting with a patent attorney before submitting the application.

**Please submit a two-page (750 word maximum) “Letter of Intent” by April 1<sup>st</sup>.** This letter must identify a grant category (21<sup>st</sup> Century, Seed/Starter or Resident/Fellow) and provide a research hypothesis and study proposal, a summary of previous studies in the area and an approximate budget, including description of other funding sources available. The Research Committee will review the Letters of Intent and invite between 5 and 10 applicants to submit a formal manuscript. The applicants will be notified of the decision by May 15<sup>th</sup> and the deadline for submission of all grant forms and materials will be June 30<sup>th</sup>. The grant winners will be announced during the Research Session of the CSRS Annual Meeting.

Please note that individuals who have received a NIH RO1 (or equivalent) grant are NOT eligible for a CSRS grant. Projects are also not eligible if funded by another source, i.e. society, institution, etc. The PI should have completed his/her specialized training and have a staff appointment at the institution where the research will be performed. At least one member of the research team must be a member of the CSRS and have a substantive role in the project.

### **DESCRIPTION OF GRANTS**

**21<sup>st</sup> Century Development Grant:** These grants may have an annual budget of up to \$75,000 and may be provided for a one or two year time period. Clinical grant proposals directly related to this year’s 1<sup>st</sup> Tier “Topics of Special Interest” will receive special consideration this year. Grant proposals will be subject to a line-by-line budget analysis, which may result in an adjustment of the total dollar award. Funding for key personnel (such as a Nurse, Technician or Clinical Coordinator) may be included in the budget proposal for 21<sup>st</sup> Century Grants. **Restrictions:** Investigators previously awarded a 21<sup>st</sup> Century Grant become eligible in this category 3 years from the date of the prior funding. Investigators previously awarded a 21<sup>st</sup> Century Grant are eligible to submit a proposal in the Seed/Starter category the next year, provided the topic *differs*. Investigators are eligible for one grant per year. Investigators are **not** eligible to be considered for nor receive a 21<sup>st</sup> Century and Seed/Starter Grants the same year.

**Seed/Starter Grants:** These include basic science projects and should have a budget of approximately \$25,000. Projects should be focused and capable of completion within 12-18 months. For this grant category, priority will be given to proposals that are part of a research program with the potential to lead to other sources of funding. Indirect costs will not be funded. **Restrictions:** Investigators previously awarded a Seed/Starter Grant become eligible in this category 3 years from the date of the prior funding. Investigators previously awarded a Seed/Starter Grant are eligible to submit a proposal in the 21<sup>st</sup> Century category the next year. Investigators are eligible for one grant per year. Investigators are **not** eligible to be considered for nor receive a Seed/Starter and 21<sup>st</sup> Century Grants the same year.

**Resident/Fellow Grants:** These grants of up to \$15,000 will be awarded to an Orthopaedic Surgeon or Neurosurgeon who will not complete his/her training before December 31<sup>st</sup>, 2010. The applicant must have an Attending Physician “mentor” who is a member of the Cervical Spine Research Society and should be listed as a co-investigator on the grant proposal. Indirect costs will not be funded. **Restrictions:** Investigators previously awarded a Resident/Fellow Grant are eligible to submit proposals in the 21<sup>st</sup> Century and Seed/Starter categories simultaneously and in subsequent years, without restriction.

**PLEASE NOTE:** For all grants, salaries for investigators should **NOT** be included in the budget.



## CSRS Mandatory Financial Disclosure Statement (required for all investigators)

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Investigator Name (please print): \_\_\_\_\_

Please read the following statements and place a check in the box opposite the statement(s) that apply to you. If you have any financial interest or relationship to disclose, please check the box and include the name of the company or supplier. Your disclosure will be listed in the Final Program/Course Syllabus.

**CSRS does not view the existence of these interests or commitments as necessarily implying bias or decreasing the value of your participation in its activities.**

- I (or a member of my immediate family) **do not** have a financial interest or other relationship with a commercial company or institution.

Please check all that apply below and list company name(s)

**If you or members of your family, to the best of your knowledge, have any of the following financial interests or other relationships to any pharmaceutical; biomaterial; orthopaedic product, device, equipment company or supplier:**

1. Receive royalties for any product or device?  
\_\_\_\_\_
2. Have served on the speaker's bureau or have been paid an honorarium to present for any such company/supplier within the last 12 months?  
\_\_\_\_\_
3. Are a paid/unpaid consultant or employee for any such company or supplier?
- a. Employee \_\_\_\_\_
- b. Paid Consultant \_\_\_\_\_
- c. Unpaid Consultant \_\_\_\_\_
4. Receive any other financial/material support?  
\_\_\_\_\_
5. Own stock or stock options in any such company/supplier (excluding mutual funds)?  
\_\_\_\_\_

**Research of Institutional Support has been received:**

6. Directly  
\_\_\_\_\_
7. Through a department/division/practice?  
\_\_\_\_\_

**Support from medical and/or orthopaedic publishers:**

8. Financial or material support?  
\_\_\_\_\_
9. Receive research or institutional support? \_\_\_\_\_
10. Research or institutional support through a department/division/practice?  
\_\_\_\_\_
11. Serve on any Board of Directors, as an owner, or Officer on a relevant committee of any health care organization (e.g., hospital, surgery center, medical and/or orthopaedic professional society)?  
\_\_\_\_\_
12. Serve on the editorial or governing board of any medical and/or orthopaedic publication?  
\_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**FDA Disclosure**

If a device/drug requiring FDA approval is identified as an important component of the study, please indicate the FDA status of those devices/drugs.

- The FDA has cleared all pharmaceuticals and/or medical devices for the use described in this study.
  
- The FDA has not cleared the following pharmaceuticals and/or medical devices for the use described in this study. The following pharmaceuticals and/or medical devices are being discussed for an off-label use. **(see note below)**

Manufacturer Name	Drug or Device

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

The Cervical Spine Research Society policy provides that “off label” uses of a device or pharmaceutical may be described in the Cervical Spine Research Society CME activities so long as the “off-label” status of the device or pharmaceutical is also specifically disclosed (i.e. that the FDA has not approved labeling the device for the described purpose). Any device or pharmaceutical is being used “off label” if the described use is not set forth on the product’s approved label.

*Please note that the CSRS Research Committee, which is comprised of CSRS members as well as ex-officio members of industry, will review your grant application. If your grant proposal involves patentable intellectual property, you may wish to consider consulting with a patent attorney before submitting the application.*

**ITEMS TO INCLUDE IN THE LETTER OF INTENT**  
*(You may use this form or submit a separate document, not to exceed 2 pages/750 words)*

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**Principal Investigator:**

**Title of Proposal:**

**Related 2010 Topic of Special Interest:**

**Grant Category (please check only one):**

21<sup>st</sup> Century Development     Seed / Starter     Resident / Fellow

**Hypotheses:**

**Study Proposal/Methods:**

**Significance of Project;**

**Previous Work in this Area:**

**Approximate Budget (1. Do not include indirect costs *or* investigators' salaries):**

**\* If funding is granted, investigator(s) are required to submit an abstract for podium presentation within 3 years of grant receipt.**