

**RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT  
Cottrell Scholar Award Application**

*Please confine responses to this form, using one side only. Use Arial 11 point font.*

**Principal Investigator:**

**Phone:**

**Academic Rank:**

**Fax:**

**Department:**

**Email:**

**Institution Name:**

**Institution Address:**

**Appointment Date:**

**EDUCATION AND EXPERIENCE:** *(All academic degrees, postdoctoral appointments, PhD and postdoctoral mentors, previous employment dates and locations. Example: YYYY – Current Institution, Department, City, State, Position; YYYY – YYYY Institution, Department, City, State, Degree, Mentor.)*

**PROPOSAL TITLE:** *(Must fit on two lines and not exceed 130 characters.)*

**ABSTRACT:** *(In the following space, provide a summary of your proposal plans. Please address both research and educational plans. Maximum 250 words.)*

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**PUBLICATIONS OF PRINCIPAL INVESTIGATOR.** *List all within last five years (no abstracts, talks, or conference proceedings); include all authors and titles. For papers with more than 10 authors, list only the corresponding author(s) and your rank among all authors; e.g. 52 out of 200). Group separately and clearly indicate the publications that are independent of mentors and resulted from your work during a tenure-track appointment. Attach one additional page if necessary. Use Arial 11 point font.*

Sample

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**FINANCIAL SUPPORT.** *Include amounts for both internal and external direct support for this and any other projects since the start of your faculty position. List start-up funds, grants received (current and completed), and proposals under consideration. Include titles, period of support, and dollar amounts.*

Sample

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**RESEARCH PROPOSAL**

**STATEMENT OF THE PROBLEM, ITS SCIENTIFIC SIGNIFICANCE, AND YOUR PLAN OF PROCEDURE.** *State succinctly the problem that is to be addressed. Clearly outline the importance of the problem, the originality of the approach and the impact it may have on the field if successful. Give an overview of the broader significance as well as the immediate impact of this research. Then outline your approach to the problem and include preliminary results, if available. Point out innovative features, relate to previous work, including pertinent references, and indicate how this plan may contribute to the solution of the broader problem posed. Preliminary results can buttress your case, as can prior independent publications. Limit to four pages. Use Arial 11 point font.*

Sample

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**RESEARCH PROPOSAL** *(continued)*

Sample

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**RESEARCH PROPOSAL** *(continued)*

Sample

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**RESEARCH PROPOSAL** *(continued)*

Sample

**LETTERS OF COLLABORATION.** *If the research described above requires work from in-house or external collaborators, please insert letters of collaboration following the LIST OF REFERENCES. Please limit letter size to one page each.*

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**EDUCATIONAL PROPOSAL**

**STATEMENT OF THE PROBLEM, SIGNIFICANCE OF THE PROBLEM, AND YOUR PLAN OF PROCEDURE.** *Describe identified educational priorities in your department and explicitly detail how your plan fits. State clearly the problems or issues you wish to address and how they relate to any ongoing work. Cite precedent. Carefully outline the importance of your plan and the impact it may have on your undergraduate and/or graduate students. A viable approach should be given, including examples from your own prior experience and/or from the literature. Indicate ways in which the completion of this work has a broader impact. Use Arial 11 point font. Limit to three pages.*

Sample

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**EDUCATIONAL PROPOSAL** *(continued)*

Sample

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**EDUCATIONAL PROPOSAL** *(continued)*

Sample

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**EDUCATIONAL PROPOSAL** *(continued)*

**ASSESSMENT PLAN.** *Define expected outcomes of your educational plan. How will your evaluation design provide information to improve your project as it develops and progresses? How will you determine whether your stated project objectives are being met according to the proposed timeline?*

*Identify departmental or institutional colleagues who might play a role in this educational endeavor (as mentors, collaborators, etc.) as appropriate and describe the role they will play.*

**LETTER OF SUPPORT.** *Include a letter of support from your Departmental Chair, Dean or Provost that endorses your educational proposal and indicates why you are the appropriate faculty member to undertake this project. Please insert the letter following the ACADEMIC LEADERSHIP STATEMENT.*

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**ACADEMIC LEADERSHIP STATEMENT.** *Briefly indicate how becoming a Cottrell Scholar will help you develop stronger academic leadership skills. Provide examples of past leadership experiences and formulate a vision for future leadership growth. Here, academic leadership is defined broadly (not only leadership by title; e.g.: Chairs, Deans, etc.) and includes faculty who provide leadership by setting an example in research and/or education. Academic leaders inspire others in a variety of ways, including teaching, mentoring, supervising, performing research, innovating and disseminating ideas. Use Arial 11 point font. Limit to one page.*

Sample

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**LIST OF REFERENCES.** Annotate the proposal with a list of references from the primary literature. Include all authors and titles. If more space is required, attach a maximum of one additional page. Use Arial 10 or 11 point font.

Sample

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**LIST OF REVIEWERS.** *The reviewer list should include at least eight “outsiders,” individuals with whom you have had no substantive contact, who are experts in your area of research. At list four of the outside reviewers should be from US academic institutions. List at least two “insiders,” preferably former mentors. We may also select reviewers of our choice. Please include complete names (initials are not enough), titles, mailing addresses, phone and fax numbers, and email addresses. Use Arial 10 or 11 point font. You must note briefly the nature and extent of your interactions with each of the outside reviewers; e.g., met at a meeting, interviewed with, no interaction, never met, etc. Limit to one page.*

Sample

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**ENDORSEMENT PAGE**

**Conditions of Research Corporation for Science Advancement's Cottrell Scholar Award**

A RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT (RCSA) AWARD is a contribution to the scientific and academic program of the institution and is to be used for support of work described in the application prepared by the principal investigator and adopted by the institution.

Since research by its very nature is unpredictable and may require adaptations in order to exploit promising leads, the principal investigator should feel free to make changes in the emphasis or direction of the work as it progresses. If major changes are contemplated, prior approval should be obtained.

Faculty salaries, indirect costs or overhead, and secretarial assistance are not chargeable to the award. Further details of program allowances and restrictions can be found on our website, [www.rescorp.org](http://www.rescorp.org).

Financial and scientific reports prepared on the foundation's forms are absolutely required. The first report is due within 30 calendar days of the 12-month anniversary of the award start date. The final report is due within 30 calendar days of the 36-month anniversary of the award start date. Failure to provide the first annual report may result in suspension of the award and a request to return unspent funds. Failure to provide the final report will result in suspension of the institution from participation in RCSA programs.

The principal investigator is urged to publish the findings in the appropriate scientific journals, acknowledging the support of Research Corporation for Science Advancement.

RCSA awards are true awards to the institution, not contracts for research with the institution or the principal investigator, and RCSA disclaims any rights in the results of the research.

APPLICANT NAME: \_\_\_\_\_

PROJECT TITLE: \_\_\_\_\_

SUBMITTED BY:  
(INSTITUTION) \_\_\_\_\_

Name of institution adopting and assuming responsibility for the above project, believing the principal investigator is qualified to conduct the project, and accepting the Conditions of Award, if an award is approved.

NAME, POSITION AND E-MAIL  
ADDRESS OF AUTHORIZED FINANCIAL  
OFFICER: \_\_\_\_\_

**SIGNATURE OF FINANCIAL OFFICER:** \_\_\_\_\_ **DATE** \_\_\_\_\_

NAME OF CHIEF EXECUTIVE OFFICER (CEO) \_\_\_\_\_

TITLE OF CEO (President or Chancellor) \_\_\_\_\_

**SIGNATURE OF PRINCIPAL INVESTIGATOR:** \_\_\_\_\_ **DATE** \_\_\_\_\_

**SCAN THIS SIGNED ENDORSEMENT PAGE AS THE LAST PAGE OF YOUR PDF FILE**