

Cottrell SEED

Reference Number	7582
Project Title	Exceptional Opportunities Test
Applicant Organization	
Lead Applicant Name	

Principal Investigator

Prefix
First Name
Last Name
Email Address
Institution
Department
Title
Web Page.
ORCID iD

Statement of Research Integrity

I declare that the work described in this proposal has been composed solely by myself (and collaborators explicitly included as co-PIs in the case of team awards if program allows). The work described in this proposal is not part of any externally funded award that currently supports my research or educational programs, nor any currently pending proposal (other than exceptions approved by an RCSA Program Director). Except where stated otherwise by reference or acknowledgment, the work presented is entirely my own.

Please check this box to confirm your adherence to RCSA's statement of research integrity.

Confirmed

Proposal Information

PROPOSAL TITLE	Exceptional Opportunities Test
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KEYWORDS

Provide five keywords that describe your current research activities. Separate each with commas or semi-colons.

test

PROGRAM AREA

Select the discipline that is most closely associated with your teaching and research activities.

Chemistry

<p>PROPOSAL ABSTRACT In the following space, provide a summary of your research plan; clearly identify your innovative untested ideas and potentially transformative outcomes. (Maximum 250 words.)</p>
Test

PI Details

EDUCATION
 If any of the details below are missing or incorrect, please update your CV in the ['Manage My Details'](#) section of your contact record on the Portal homepage.

From	To	Qualification	Subject	Country	Institution	Department / School / Division
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EMPLOYMENT
 If any of the details below are missing or incorrect, please update your CV in the ['Manage My Details'](#) section of your contact record on the Portal homepage.

From	To	Position	Department	Organisation
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CURRENT GRANTS
 If any of the details below are missing or incorrect, please update your CV in the ['Manage My Details'](#) section of your contact record on the Portal homepage.

Start (mm/yyyy)	Duration	Currency	Total Award Amount	Funder	Title	Role of Applicant
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PENDING SUPPORT
 List all your submitted proposals under consideration. Include titles, period of support, and dollar amounts. Indicate their relationship, if any, with this submission.

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PUBLICATIONS
 Please upload a PDF of your formatted publication list that includes only publications from the last five years (no abstracts, talks, or conference proceedings).

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Proposal Plan & Letters of Collaboration

Which type of SEED proposal are you submitting?	Exceptional Opportunities
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PROPOSAL PLAN
 Please attach a single PDF of your proposed plan and list of references.

State succinctly the problem that is to be addressed during the two-year duration of the SEED Award. Clearly outline the importance of the problem, giving special emphasis to new directions and to how successful outcomes will elevate the impact of your existing problem. Give an overview of the broader significance, outline your approach to the problem and include preliminary results. Point out innovative features, relate to previous work and

indicate how this plan may contribute to the solution of the broader problem posed. Limit to three pages. Use Arial 11 point font with 0.5" margins.

Annotate the proposal with a list of references from the primary literature. Include all authors and titles. The list of references is limited to **three pages**.

PROPOSED BUDGET & JUSTIFICATION

Upload a PDF of the proposed budget using the RCSA budget template along with a detailed budget justification.

Funds may be used to cover the stipends/salaries and benefits of research personnel up to their percent effort on the project, to purchase research supplies and computer time, to pay for access to shared facilities, and to meet other expenses directly related to the project; a more complete listing of allowed and unallowed expenses would be provided to the institution as conditions of acceptance after notification of an award.

In addition to these typical research expenses, allowable uses of funds for **Exceptional Opportunities** submissions include:

- Support of a graduating senior as a post-baccalaureate fellow.
- Purchase of equipment needed for the project. (Note that the remaining funds or other sources of support must be sufficient to carry out the proposed research.)
- For PUI faculty or research team member, travel to collaborate with off-campus research groups.

Suggested Reviewers

LIST OF REVIEWERS

The reviewer list should include at least six individuals who are experts in the area of your proposed plan and will be able to evaluate its merit, innovative aspects and potentially transformative impact. We may also select reviewers of our choice.

Please include complete names (not just initials), institutions, departments, and email addresses. Note briefly the nature and extent of your interactions with each of the suggested reviewers; e.g., met at a meeting, interviewed with, no interaction, never met, etc.

Institution Information

Institution

Address Line 1

Address Line 2

City/Town

State/Province

Zip/Postal Code

Country

HIGHEST DEGREE AWARDED

Select the degree category for the highest degree awarded by your department or program.

(Select)

INSTITUTION PRESIDENT OR CHANCELLOR

If a multi-campus institution, list the leader of your own campus.

Prefix	
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First Name	
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Middle Initial	
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Last Name	
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Endorsement page

CONDITIONS OF COTTRELL SEED 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 scholarly activities by their discovery nature are unpredictable and may require adaptations in order to exploit promising leads, the principal investigator should feel free to make minor changes in the emphasis or direction of the work as it progresses. If major changes are contemplated, prior approval should be obtained.

Unallowed costs (Exceptions may be granted with prior written approval):

- Faculty **academic** year salaries (non-doctoral and doctoral departments), except non-tenure track research faculty
- Faculty summer salaries for PIs with a primary appointment in a doctoral degree-granting department, except non-tenure track research faculty
- More than **one** month of summer salary **up to \$12,000** for PIs with a primary appointment in a non-doctoral degree granting department. Summer salary not allowed during No-Cost Extension (NCE) period.
- Building construction or renovation (bricks and mortar)
- Administrative and support staff costs, or Institution services (including copying, reproduction, postage, instrument maintenance, and other routine services)
- Books and journals
- Publication costs over \$5,000 over the life of the award
- Visa costs

Financial and scientific reports prepared on the foundation's forms are 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 60 calendar days of the 24-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 may 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 with the institution or the principal investigator.
RCSA disclaims any rights in the results.

Please check this box to confirm acceptance of the above terms.
<input type="checkbox"/> Not Confirmed

Research Corporation for Science Advancement
COTTRELL SEED - EXCEPTIONAL OPPORTUNITIES
PROPOSED BUDGET



Principal Investigator: _____ Institution: _____

PERSONNEL: **** SEE UNALLOWED COSTS ON ENDORSEMENT PAGE OF APPLICATION FOR RESTRICTIONS**

Name	Project Role **	% Effort (or Hours per Week)	Proposed Dates Supported	Salary/Wages/ Stipend **	Fringe Benefits **	Graduate Student Tuition	TOTAL
Jane Doe	Graduate Student	50%	10/1/2026-9/30/2027	\$ 20,000.00	\$ 3,000.00	\$ 10,000.00	\$ 33,000.00
John Doe	Undergrad uate	15 hours per week	6/1/2027-7/31/2027	\$ 5,000.00	\$ 3,875.00		\$ 8,875.00
							\$ -
							\$ -
							\$ -
							<u>\$ 41,875.00</u>

EQUIPMENT: \$ -

SUPPLIES: \$ 5,670.00

TRAVEL: \$ 3,000.00

OTHER COSTS (itemize by category):

Shared Services \$ 4,000.00

TOTAL OTHER COSTS \$ 4,000.00

TOTAL DIRECT COSTS \$ 54,545.00

10% TDC for INDIRECT COSTS \$ 5,455.00

TOTAL EXPENDITURES \$ 60,000.00

PI Signature _____ Date: _____

AOR/Financial Officer Signature _____ Date: _____

AOR/Financial Officer Name/Title: _____

Email Address: _____ Phone: _____

Budget Justification

Personnel:

Funds are requested to support a graduate student at 50% effort for the project period. The budget includes salary, fringe benefits, and tuition, which are essential for the student to carry out project-related research activities. Summer support is also requested for an undergraduate researcher working 15 hours per week for two months. This position will provide hands-on research experience while contributing to data collection and analysis.

Supplies:

Project supplies are budgeted to cover laboratory materials and consumables required to conduct the proposed research. These items are necessary for experimental work and ongoing data generation.

Travel:

Travel funds are included to support dissemination of research findings and collaboration. This may include attendance at a relevant scientific conference or travel necessary for project-related activities.

Other Costs:

Shared services fees cover essential institutional resources such as core facilities, instrumentation usage, or technical support required to complete the project.

Indirect Costs:

Indirect costs are calculated at 10% of total direct costs in accordance with program guidelines.