

Note: The budget period dates in slides 20 & 21 are changed from the original webinar version.
This slide deck has the correct dates.

This webinar is being recorded.

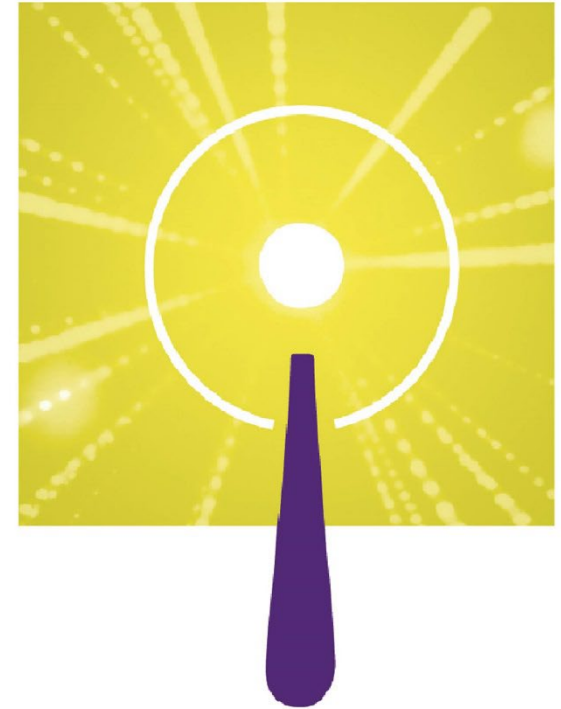
Q&A Webinar

June 23, 2022 @ 3:00 PM EDT

Please submit your questions in the “Q&A” box
(scientific inquiries will not be discussed)



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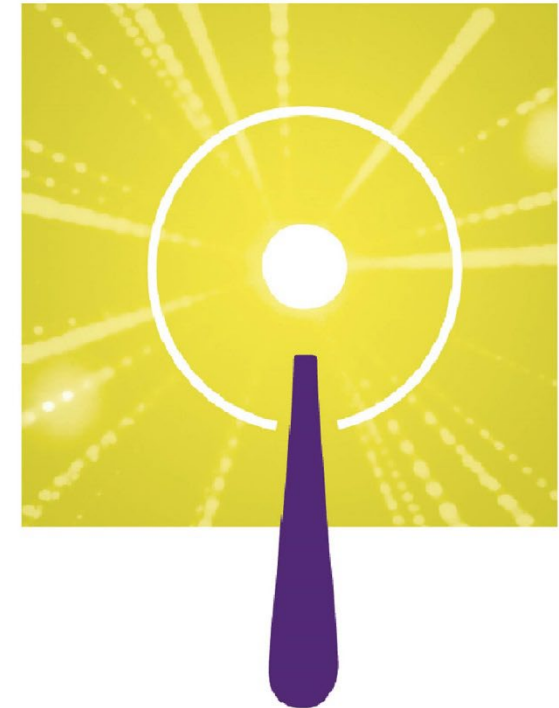
Q&A Webinar

- Submit questions in the “Q&A” box
- Scientific or situationally specific questions will not be discussed (email us)
- For additional questions, contact us at NewInnovatorAwards@mail.nih.gov
- Webinar recording & slides will be posted on website at commonfund.nih.gov/newinnovator
- For more application guidance, see our [Application & Award Guide](#) on website (includes example applications)



National Institutes of Health
Office of Strategic Coordination - The Common Fund

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Panelists

Ravi Basavappa, Ph.D.

Program Leader
Office of the Director

Eugene Carstea, Ph.D.

Branch Chief
Center for Scientific Review

Trish Labosky, Ph.D.

Program Leader
Office of the Director

Tony Kirilusha, Ph.D.

Program Director
National Institute of Arthritis and Musculoskeletal and
Skin Diseases

Becky Miller, Ph.D.

Program Officer
Office of the Director

Ellie Murcia, M.Ed.

Program Specialist
Office of the Director

Common Fund Programs

- 4D Nucleome (4DN)
- Acute to Chronic Pain Signatures (A2CPS)
- Bridge to Artificial Intelligence (Bridge2AI)
- Cellular Senescence Network (SenNet)
- Enhancing the Diversity of the NIH-Funded Workforce (DPC/BUILD)
- Extracellular RNA Communication (exRNA)
- Faculty Institutional Recruitment for Sustainable Transformation (FIRST)
- Gabriella Miller Kids First
- Global Health
- Glycoscience
- Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa)
- HCS Research Collaboratory
- High-Risk, High-Reward Research Program
 - Pioneer Award
 - New Innovator Award
 - Transformative Research Award
 - Early Independence Award
- Human BioMolecular Atlas Program (HuBMAP)
- Illuminating the Druggable Genome (IDG)
- Knockout Mouse Phenotyping (KOMP)
- Library of Integrated Network-Based Cellular Signatures (LINCS)
- Metabolomics
- Molecular Transducers of Physical Activity Consortium (MoTrPAC)
- *Nutrition for Precision Health*, powered by *All of Us* Research Program
- Somatic Cell Genome Editing (SCGE)
- Somatic Mosaicism Across Human Tissues (SMaHT)
- Stimulating Peripheral Activity to Relieve Conditions (SPARC)
- Transformative High Resolution Cryo-Electron Microscopy (CryoEM)
- Transformative Research to Address Health Disparities and Advance Health Equity
- Undiagnosed Diseases Network (UDN)

Common Fund Programs

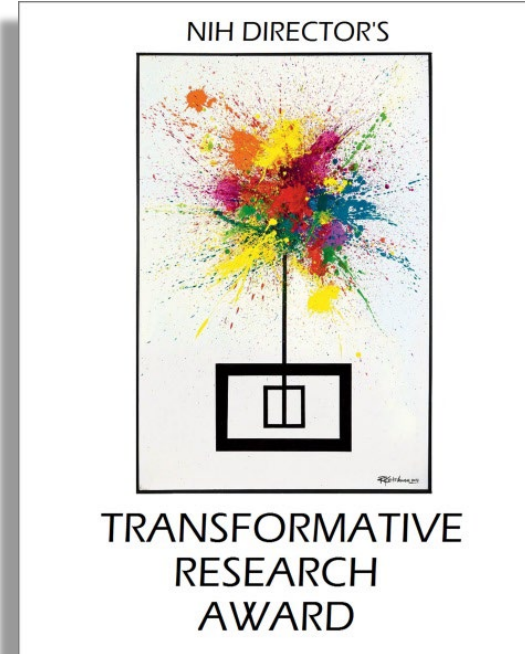
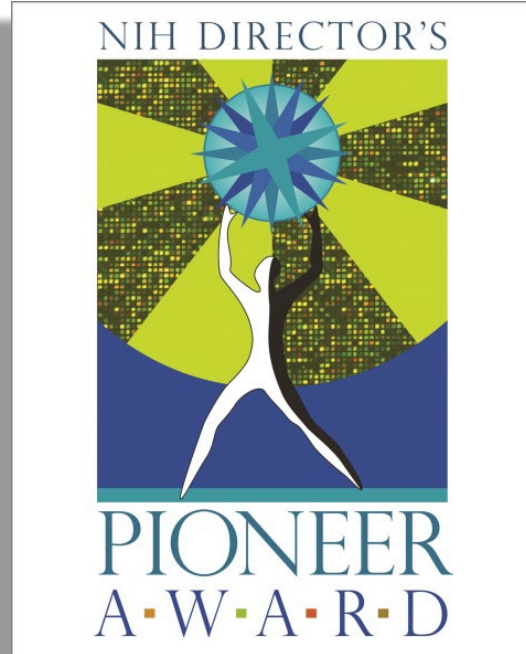
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**CF programs may be useful for your research:
FOAs, access to high-end instruments, databases,
reagents, protocols,**

Common Fund Programs

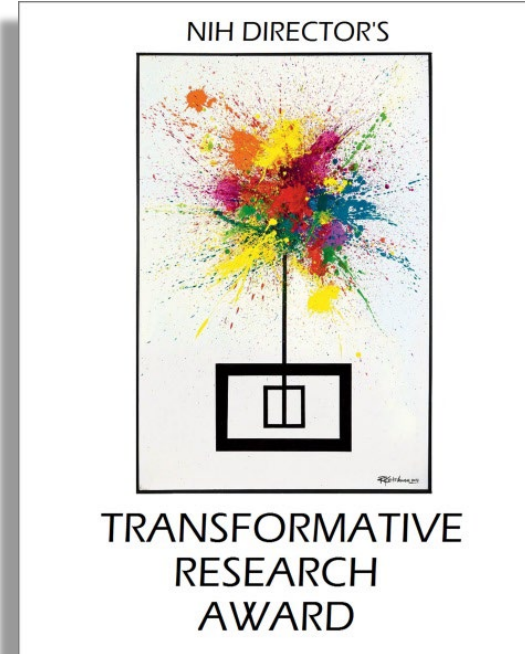
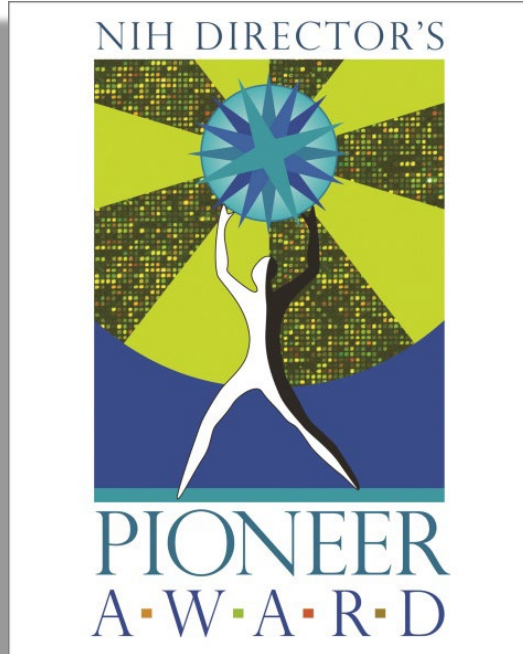
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High-Risk, High-Reward Research Program



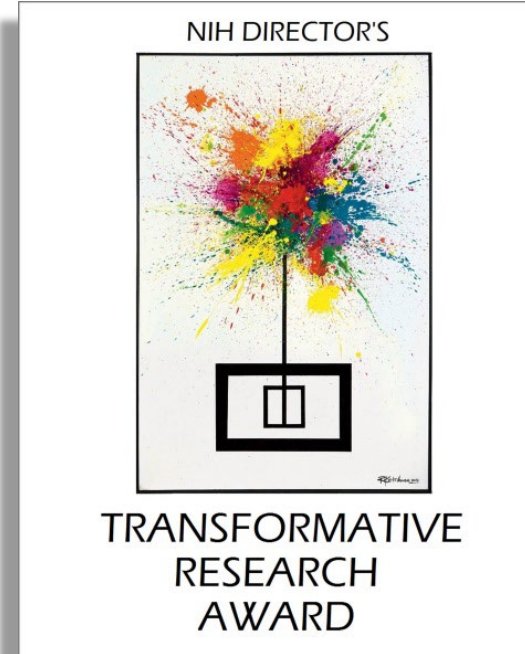
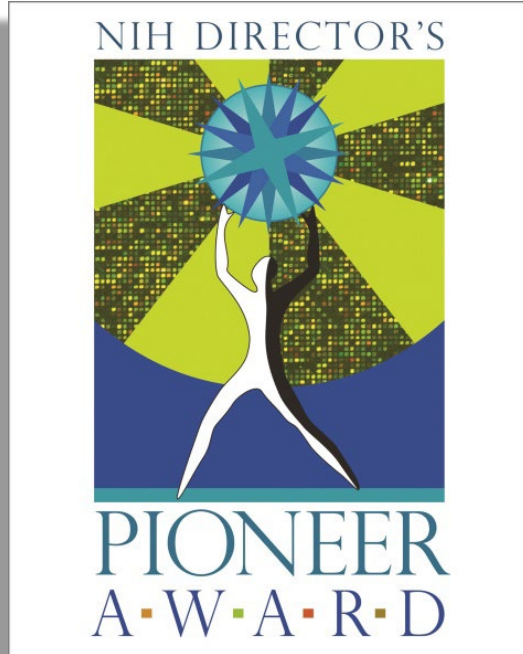
Supporting outstanding scientists at all career stages proposing high-risk, high-impact research

High-Risk, High-Reward Research Program



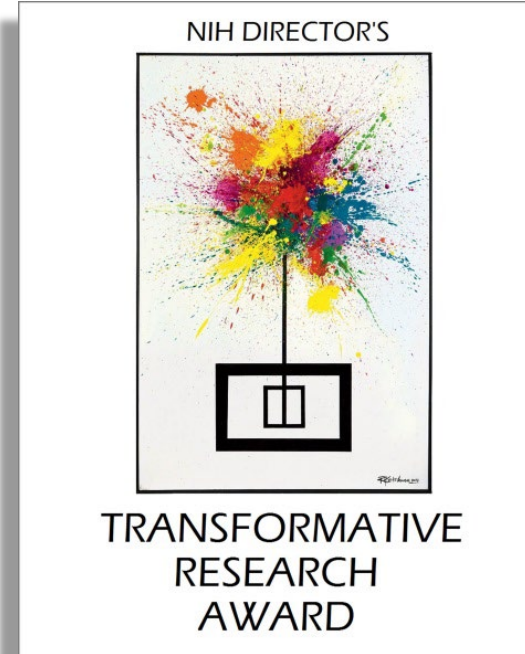
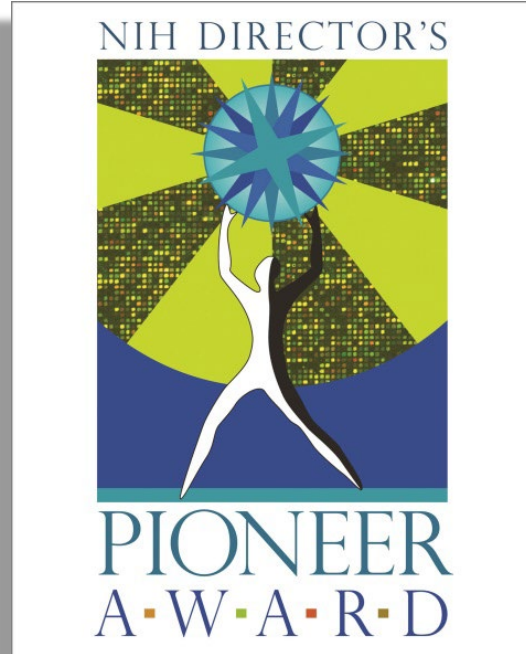
Annual funding opportunities

High-Risk, High-Reward Research Program



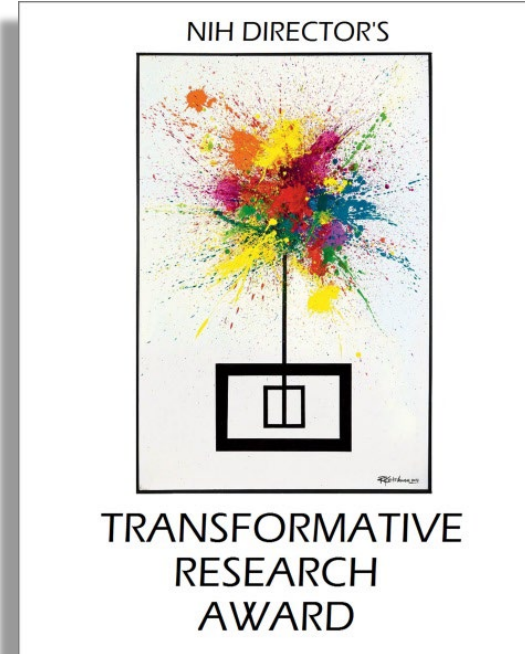
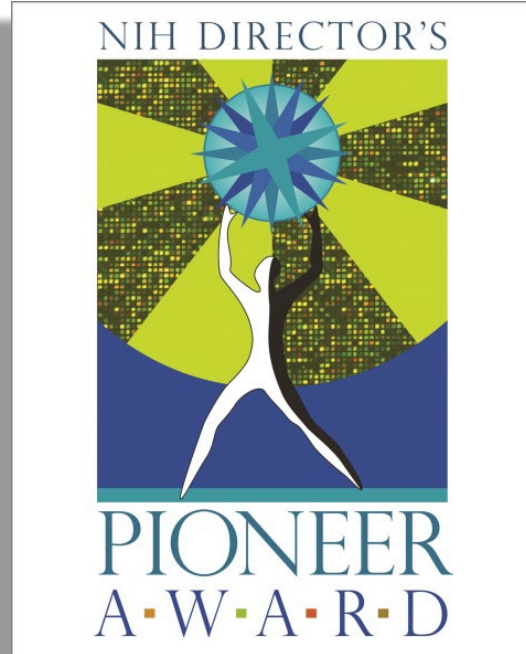
High-risk, high-impact ideas

High-Risk, High-Reward Research Program



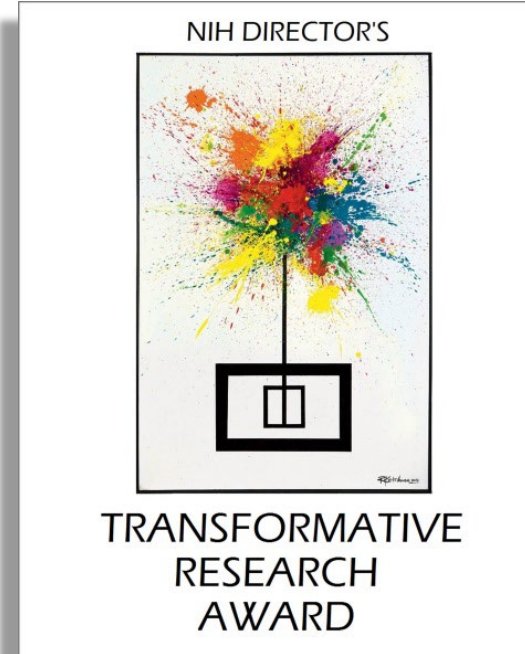
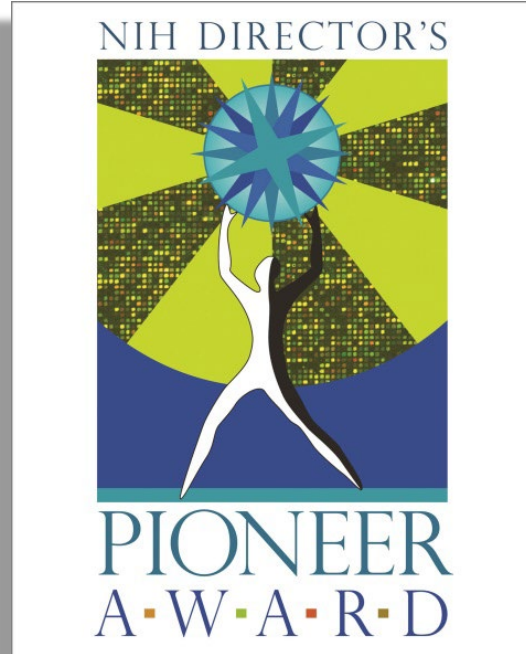
No preliminary data or detailed experimental plan required

High-Risk, High-Reward Research Program



Any topic relevant to NIH mission welcome
Behavioral, social, biomedical, applied, and formal sciences,
and basic, translational, or clinical research

High-Risk, High-Reward Research Program



Encourage applications from investigators with diverse backgrounds and from the full spectrum of eligible institutions

HRHR Working Group

Chair

James Anderson (OD)

Program Leader

Ravi Basavappa (OD)

Members

Kristin Abraham (NIDDK)
Hugh Auchincloss (NIAID)
Abraham Bautista (NIAAA)
Sangeeta Bhargava (NEI)
Gene Carstea (CSR)
Robert Carter (NIAMS)
Jennifer Collins (NIEHS)
Christine Colvis (NCATS)
Emmeline Edwards (NCCIH)
Zeynep Erim (NIBIB)
Rene Etcheberrigaray (NIA)

Nancy Freeman (NIDCD)
Dana Greene-Schloesser (OD)
Jane Hettinger (NINDS)
Gabriel Hidalgo (NIDCR)
Ray Jacobson (CSR)
Flora Katz (FIC)
Anthony Kirilusha (NIAMS)
Susan Koester (NIMH)
Trish Labosky (OD)
James Li (CSR)
Roger Little (NIDA)
James Mack (CSR)
Becky Miller (OD)
Brett Miller (NICHD)
Daniel Miller (NINDS)
David Miller (NCI)
Michael Morse (OD)

Ellie Murcia (OD)
Imoh Okon (CSR)
Richard Palmer (NLM)
Steven Pittenger (NCATS)
Srikanth Ranganathan (CSR)
Diana Rutberg (NIDCR)
Suzanne Ryan (CSR)
John Satterlee (NIDA)
Carol Shreffler (NIEHS)
Lillian Shum (NIDCR)
Darren Sledjeski (NIGMS)
Heidi Sofia (NHGRI)
Barbara Sorkin (OD)
Nathaniel Stinson (NIMHD)
Stephanie Webb (NHLBI)
Elizabeth Wilder (OD)

High-Risk, High-Reward Research Program



Supports unusually creative early career investigators proposing innovative, high-impact research

- Started in 2007
- Early Stage Investigator (no substantial NIH grant and within 10 years of doctoral degree or clinical training)
- Commit 25% research effort
- Awards of \$1.5 million disbursed in two segments (*change from previous years*)
- Uses DP2 activity code

DP2 Application

Follow instructions in SF424 application guide unless specific guidance is provided in the FOA

Specific Aims Page	Do not use
Research Strategy Essay	10 pages (primary component of the application; see later slide for more information)
Biosketch	Only PI's biosketch allowed
Bibliography & References Cited	Do not use; include essential in references in Essay and within 10-page limit
Budget	Minor budget details required
Equipment	Do not use
Letters of support	Do not use
Resource Sharing Plan	Do not use; will be requested as Just-in-Time information
Other components/forms	Use when appropriate, such as Authentication of Key Biol./Chem. Resources; Vertebrate Animals; Human Subjects; Biohazards

Research Strategy Essay

In 10 pages, use the following headings or subsections:

- ***Project science areas*** – 1 digit code and abbreviation for primary and secondary areas
- ***Project Description*** – Describe scientific importance of topic; overall approach to be taken; preliminary data not required, but accepted; state that to comply with the FOA, a detailed experimental plan and extensive are not being provided; however, provide sufficient evidence that proposal has been deeply considered and will be pursued in a robust and rigorous manner
- ***Innovativeness*** – Provide argument of why proposal is exceptionally innovative
- ***Investigator qualifications*** – Support your claim of innovativeness in prior research
- ***Suitability for the New Innovator Award program*** – Describe why proposal is “HRHR”
- ***Statement of research effort commitment*** – State will commit at least 25% research effort toward project
- ***Bibliography/citations*** – Include critical citations; may be in an abbreviated form as long as identifier is unique

Research Strategy Essay - Points to Consider

- Given review process used, be sure that what you write can be easily appreciated by people well outside the field for exceptional innovation and potential for unusually broad impact
- May be helpful to begin with a description of the landscape of the field and current state-of-the-art or boundaries; provide proper context for proposal and why it is so innovative and potentially impactful
- Ease the reader into the jargon of the field
- Though no data or detailed experimental plan are required, convince the reviewer that you have thought deeply about the project – identify risky aspects, how they will be mitigated, alternate approaches
- Also, convince the reviewer that the research will be performed in a robust and rigorous manner – validate new approaches, provide estimates of numbers of human or animal subjects (if used) and why, include that sex will be considered as a biological variable (if appropriate)

Budget Periods

To comply with recent changes in HHS and NIH policy regarding multi-year funded (MYF) awards, New Innovator Award funds will no longer be disbursed in the first year for the entire ~5-year project period.

Instead, awards will be made in two MYF segments: one for the first three years and the second for the final two years.

This means that no-cost extensions beyond the initial five-year project period will be allowed.

Budget Information

Annual budgets are required in the application, but to help maintain budget flexibility, only minimum information is requested.

The budgets have the following two important constraints:

- For the first segment (9/1/2023 – 8/31/2026), the total direct cost must not exceed \$900,000.
- For the second segment (9/1/2026 – 8/31/2028), the total direct cost must not exceed \$600,000.

Budget Information

Per the FOA instructions:

1. Select the appropriate Budget Type. (Project)

2. Provide the Budget Period Start Date and End Date – September 1 of one year and August 31 of the next calendar year, respectively. First budget period would be 9/1/2023 – 8/31/2024.

3. Section A: Senior/Key Persons provide an entry for the PD/PI, including the appropriate level of effort, and enter **\$0 for Requested Salary** and **\$0 for Fringe Benefits**. Entering \$0 does not imply that the PD/PI will not receive any salary or fringe benefit support from the grant.

OMB Number: 4040-0001
Expiration Date: 12/31/2022

RESEARCH & RELATED BUDGET - Budget Period 1

ORGANIZATIONAL DUNS: Enter name of Organization:

Budget Type: ☒ Project ☐ Subaward/Consortium

Budget Period: 1 Start Date: End Date:

A. Senior/Key Person

Prefix	First	Middle	Last	Suffix	Base Salary (\$)	Cal.	Months	Acad.	Sum.	Requested Salary (\$)	Fringe Benefits (\$)	Funds Requested (\$)

Project Role:

Additional Senior Key Persons:

Total Funds requested for all Senior Key Persons in the attached file:

Total Senior/Key Person:

B. Other Personnel

Number of Personnel	Project Role	Months			Requested Salary (\$)	Fringe Benefits (\$)	Funds Requested (\$)
		Cal.	Acad.	Sum.			
<input type="checkbox"/>	Post Doctoral Associates						
<input type="checkbox"/>	Graduate Students						
<input type="checkbox"/>	Undergraduate Students						
<input type="checkbox"/>	Secretarial/Clerical						
<input type="checkbox"/>							

☐ Number Other Personnel

Total Other Personnel:

Total Salary, Wages and Fringe Benefits (A+B):

Budget Information

4. In Section C: Enter budget request for equipment. Provide justification using the Budget Justification.

C. Equipment Description
List items and dollar amount for each item exceeding \$5,000

Equipment Item	Funds Requested (\$)
<input type="text"/>	<input type="text"/>

Additional Equipment:

Total funds requested for all equipment listed in the attached file

Total Equipment

D. Travel

	Funds Requested (\$)
1. Domestic Travel Costs (Incl. Canada, Mexico and U.S. Possessions)	<input type="text"/>
2. Foreign Travel Costs	<input type="text"/>
Total Travel Costs	<input type="text"/>

E. Participant/Trainee Support Costs

	Funds Requested (\$)
1. Tuition/Fees/Health Insurance	<input type="text"/>
2. Stipends	<input type="text"/>
3. Travel	<input type="text"/>
4. Subsistence	<input type="text"/>
5. Other <input type="text"/>	<input type="text"/>
<input type="text"/> Number of Participants/Trainees	<input type="text"/>
Total Participant/Trainee Support Costs	<input type="text"/>

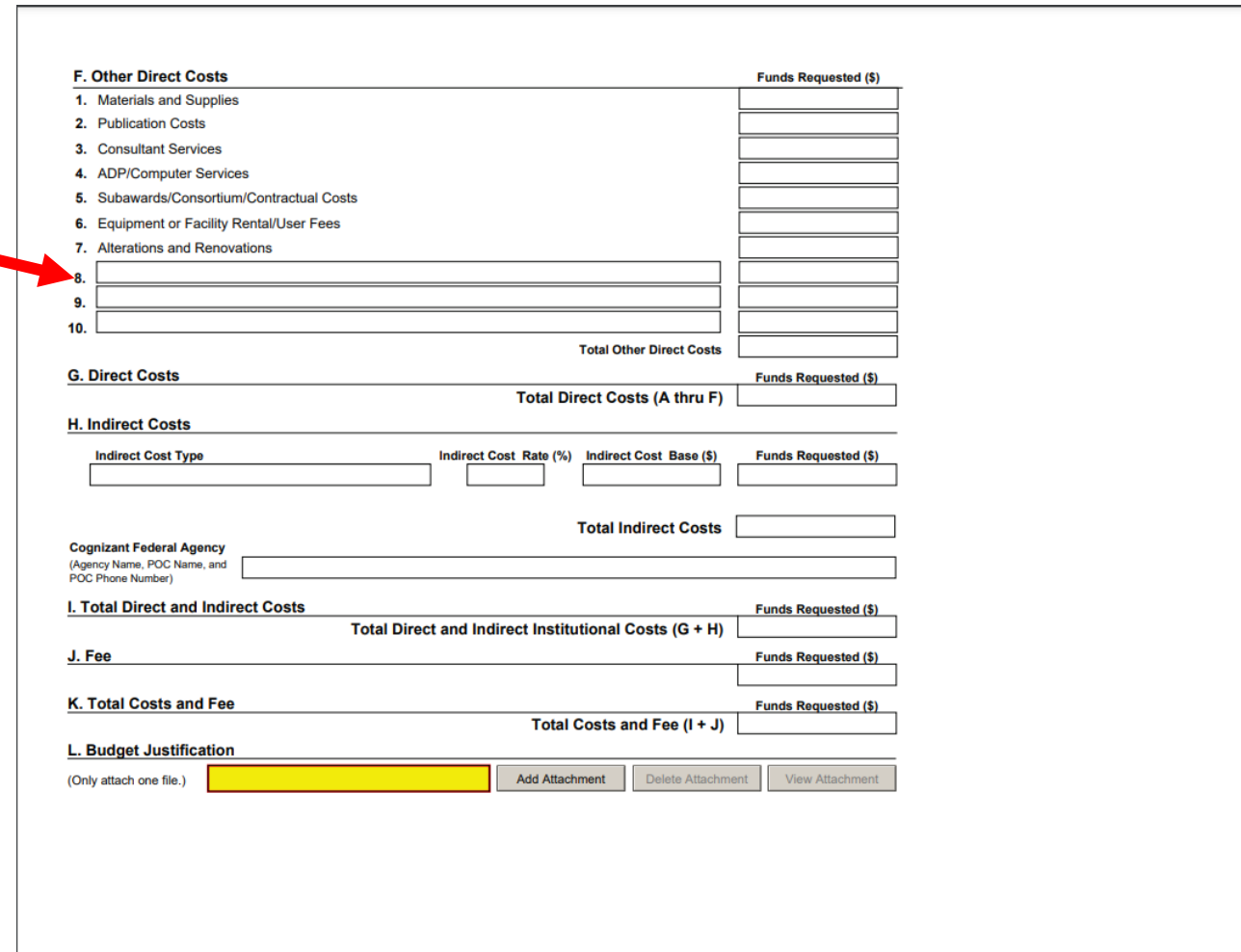
Budget Information

5. In Section F: Other Direct Costs add a line item titled 'Requested Direct Costs' and **provide the total direct cost request for that budget period**. If equipment is requested in Section C, do not add the equipment budget in Section F.

"Requested Direct Costs" covers everything except equipment costs for that budget period (including salaries, fringe benefits, supplies, travel, and other permitted costs)

6. Ensure that the two budget constraints described above are met:

- ≤ \$900,000 direct costs for years 1 – 3
- ≤ \$600,000 direct costs for years 4 – 5



The screenshot shows a budget form with the following sections:

- F. Other Direct Costs**: A table with 10 line items. Line item 8 is highlighted with a red arrow. The table has columns for the item description and 'Funds Requested (\$)'.

	Funds Requested (\$)
1. Materials and Supplies	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractual Costs	
6. Equipment or Facility Rental/User Fees	
7. Alterations and Renovations	
8. Requested Direct Costs	
9.	
10.	
Total Other Direct Costs	
- G. Direct Costs**: A summary row for 'Total Direct Costs (A thru F)' with a 'Funds Requested (\$)' column.
- H. Indirect Costs**: A table with columns for 'Indirect Cost Type', 'Indirect Cost Rate (%)', 'Indirect Cost Base (\$)', and 'Funds Requested (\$)'. It includes a 'Total Indirect Costs' row.
- Cognizant Federal Agency**: A text field for 'Agency Name, POC Name, and POC Phone Number'.
- I. Total Direct and Indirect Costs**: A summary row for 'Total Direct and Indirect Institutional Costs (G + H)' with a 'Funds Requested (\$)' column.
- J. Fee**: A row for 'Funds Requested (\$)'.
- K. Total Costs and Fee**: A summary row for 'Total Costs and Fee (I + J)' with a 'Funds Requested (\$)' column.
- L. Budget Justification**: A row with a text field (highlighted in yellow), and buttons for 'Add Attachment', 'Delete Attachment', and 'View Attachment'. A note below says '(Only attach one file.)'.



**Center for
Scientific Review**

NIH Director's New Innovator Award (DP2)

Gene Carstea, PhD

Scientific Review Officer, New Innovator Award Review

Chief, Cardiovascular and Respiratory Sciences (CVRS) IRG

CSR, NIH

2022-23 Webinar

June 23, 2022





New Innovator Award Review Process



Public Announcement of Awards: ~September

Receipt: *August 19, 2022 Sub Deadline*

Two Stage Review Process:

Stage 1: Mail Review of all Applications

- *Finalists* Selection via Prelim Scores

Stage 2: Editorial Panels (meets in March)

- Discussion of all *Finalist* Applications
- Final scores

Advisory/ Council of Councils: May

Selection of Awardees by OD / ICs



Peer-Review Process – Pre-Stage 1

- Applications will be assigned to one of 2 equivalent panels ...
.... both panels will reside within:
 - *Respiratory, Cardiac and Circulatory Sciences (RCCS) Review Branch*
- Administrative Review: A check for completeness and ESI eligibility
- Applications are grouped based on areas of science, as identified by applicant
- Potential *Conflicts of Interest* will be considered for each application
 - e.g., Institutional, Collaborative, etc.
- *Mail Reviewers* will be recruited to cover all representative areas of science



Peer-Review Process: Stage 1 (Mail Reviews)

For Each of the Review Panels:

Recruit Panel of Mail Reviewers



Match Reviewers with Science



3 Reviewers / Application



Evaluation: 3 Criteria and
Overall Impact Score (1-9)

1. "Importance and Potential Impact of the Scientific Problem"
2. "Novelty / Innovativeness of Approach"
3. "Creative Potential of ESI"

Overall Impact Paragraph



Selection of *Finalist* Applications for Stage 2

- ✓ Selection based on Rank Score order by Mail reviewers
 - Overall Impact Scores

- ✓ Unbiased selection of applications by Editorial reviewers
 - Combination of Scores and Impact statements

In total: Approx. 20% of all submitted applications will advance to Stage 2



Stage 2: Editorial Review

- “Editorial board” will consist of ~15-20 panelists
 - senior members of the scientific community
 - experts with broad scientific understanding
- Each finalist application is assigned to 3 Editor/Reviewers
 - all finalist applications will be discussed
- Scoring is focused on *Impact & Innovation*
- Release of *Final Scores* and *Summary Statements* (for all)
 - For *Discussed* applications: *Summary Statements* will include a *Final Score* along with a *resume / summary of discussion*
 - *Non-Discussed* statements: will receive 1st stage critiques





Questions about the Review process?

Contact:

Gene Carstea SRO, New Innovator Award
Chief, RCCS Review Branch
NewInnovator_Review@mail.nih.gov

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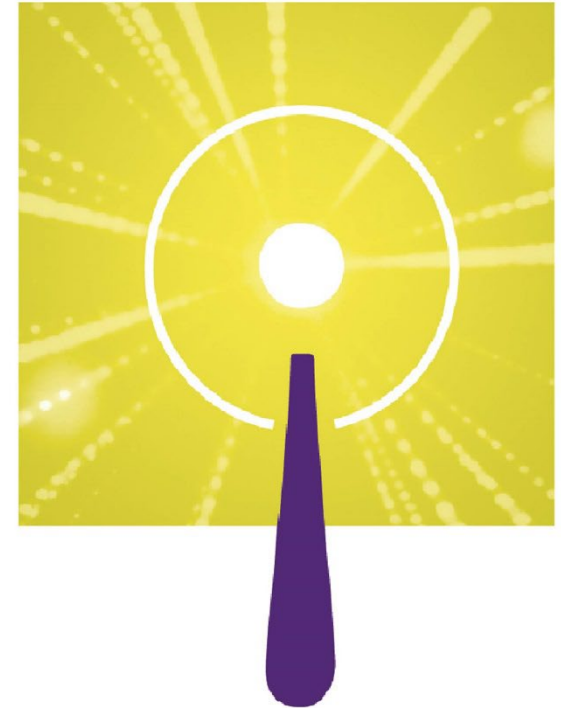
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Eligibility



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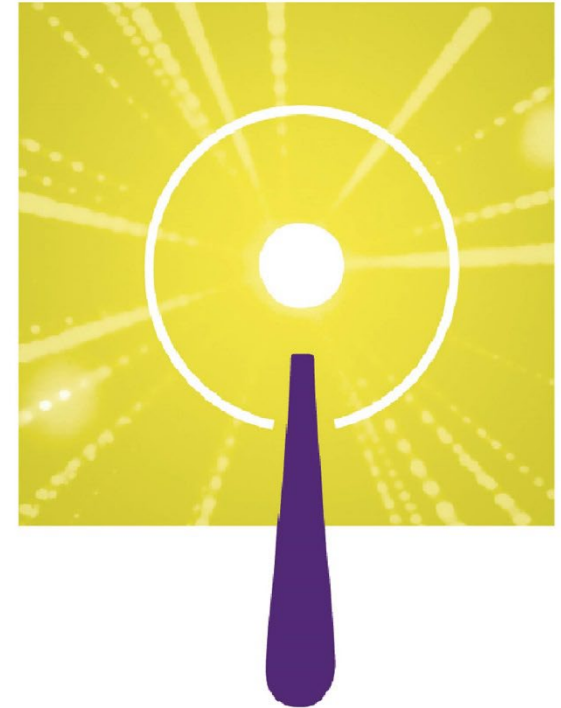
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Application & Submission



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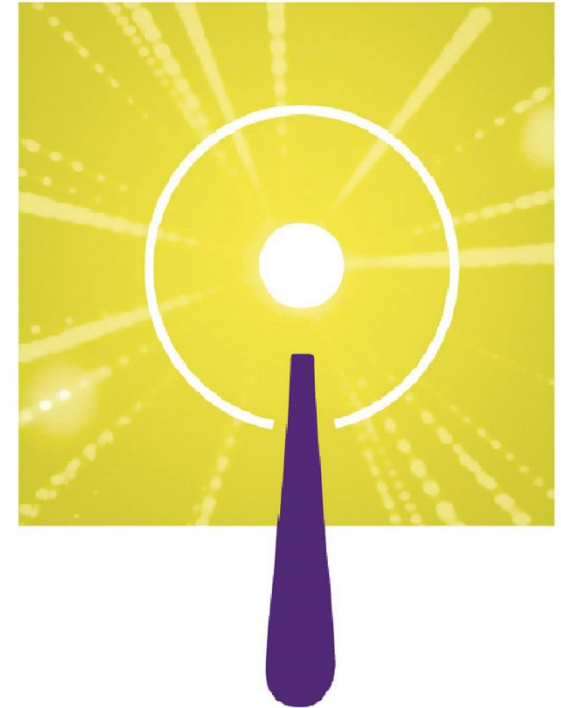
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Budget



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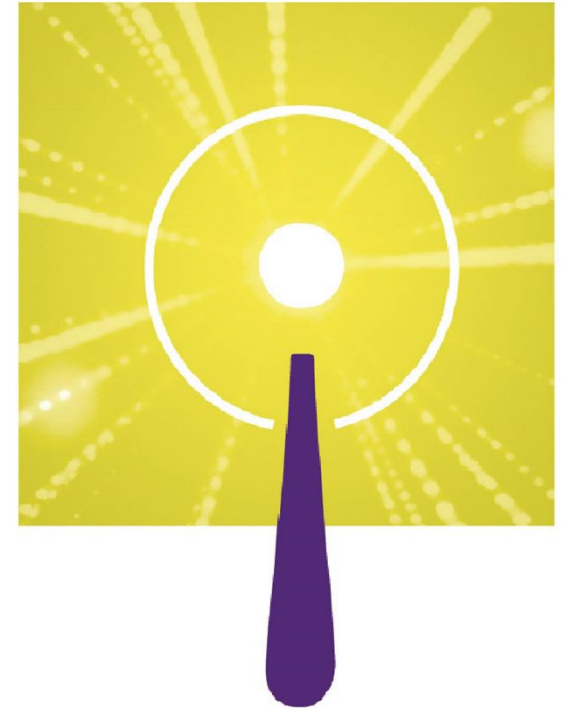
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Review



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Office of Strategic Coordination - The Common Fund

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