

**Columbia Center of Artificial Intelligence Technology**  
*in collaboration with Amazon*

**AI Research Funding**

**Application Cover Page**

**CONTACT INFORMATION (PI's and Collaborators)**

First Name	Last Name	Title	Department	School / Organizations	Email	Phone

(If additional contacts are needed, please check here, \_\_\_\_, and provide supplemental listing before CV's.)

**SCOPE OF THE PROPOSAL**

**Title of Funding Proposal**

Identify (X) one or more <b>Research Focus Areas</b> that is covered by proposal	<input type="checkbox"/>	Foundations of AI and Machine Learning
	<input type="checkbox"/>	Conversational AI/Natural Language Processing
	<input type="checkbox"/>	Multisensory Multimodal AI
	<input type="checkbox"/>	Fairness, Explainability, and Accountability in AI
	<input type="checkbox"/>	AI for Human-Agent and Human-Robot Interaction
	<input type="checkbox"/>	AI for Information Security
	<input type="checkbox"/>	Cloud and Computing Systems for AI
	<input type="checkbox"/>	Computer Vision
	<input type="checkbox"/>	Robotics
	<input type="checkbox"/>	Operations Research and Optimization
	<input type="checkbox"/>	Search and Information Retrieval
	<input type="checkbox"/>	Information and Knowledge Management
<input type="checkbox"/>	Sustainability	

Has this proposal been submitted, concurrently, for Amazon Research Awards (ARA) consideration (Y / N)? \_\_\_\_\_

Please note: Proposals submitted to **Amazon Research Awards** (ARA) annual program should be noted to indicate concurrent submissions. Proposals will not be selected for funding from both sources.

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<b>Funding Amount Requested</b>	<i>License Provision for Funded Projects: All the software and copyrightable material created in the performance of the projects funded as a SRP or GFRP must be made publicly available, either by publication or by open source license or open copyright license. Unless otherwise agreed upon, Columbia will grant a license for patents (if any) filed for inventions developed under the support of a SRP to Amazon, which will be worldwide, perpetual, irrevocable, non-exclusive, and non-transferable. Patents for technologies developed through a GFRP award will not be subject to the above-stated license provision.</i>
<b>\$</b>	
<p><i>Sponsored Research Project (SRP) - <u>Maximum request: \$150,000 per year</u>, 2-year maximum. (inclusive of 35% indirect cost charge). Eligibility for 2nd year conditional upon demonstrated progress</i></p> <p><i>Gift-Funded Research Project (GFRP) - <u>Maximum request: \$105,000 per year</u>, 2-year maximum. (no indirect cost charge). Eligibility for 2nd year conditional upon demonstrated progress</i></p>	

Please provide the following information:

- A. Completed Proposal Cover Page (template provided)
- B. Project Proposal (5-page maximum, single-spaced, 12-font, Times New Roman)
- C. Budget in Excel (template provided) with budget justification.
  - For Sponsored Research Projects, funds will be awarded as an Industry Grant (PG Project) with 35% indirect cost to be included in your budget.
- D. CV's for Faculty/Collaborators (2 page NSF style format)

**These criteria will be used in ranking and selecting submissions for funding:**

1. What is the potential for the proposed activity to:
  - a. Advance knowledge and understanding within its own field or across different fields (Intellectual Merit); and
  - b. Benefit society or advance desired societal outcomes (Broader Impacts)?
2. To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?
3. Is the plan for carrying out the proposed activities, well-reasoned, well-organized, and based on a sound rationale? Does the project incorporate a mechanism to assess success?
4. How well qualified is the individual or team to conduct the proposed activities?
5. Are there adequate resources available to the PI (either at Columbia or through collaborations) to carry out the proposed activities?