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**Overseas Chinese Environmental Engineers & Scientists Association**

# **Dr. Jentai Yang** **Sustainable Environmental Protection** **and Eco-humanistic Education Fund**

## **Grant Applications | 2024**

### **Key Dates**

<b>Program</b>	<b>Date/Time</b>
Applications due	<b>July 31, 2024, by 5:00 PM PDT</b>
Award notices	<b>Week of August 11, 2024</b>
Project kickoff meeting	<b>Week of September 1, 2024.</b>
Award period	<b>September 1, 2024 – August 31, 2026</b>



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## Overseas Chinese Environmental Engineers & Scientists Association

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## **Overseas Chinese Environmental Engineers & Scientists Association**

### **1. Fund Overview**

Dr. Jentai Yang (楊仁泰博士), a former U.S. EPA career employee, devoted his career to advance government-level collaborations internationally. Under Dr. Yang's direction, there were numerous environmentally oriented projects developed and materialized in the U.S., Taiwan, and mainland China. As part of his continuing efforts to promote environmental awareness, education, and technology in greater China, as well as in the USA, Dr. Yang and Overseas Chinese Environmental Engineers & Scientists Association ("OCEESA") created the "**Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund**" ("Dr. Yang Fund"), administered by a committee under OCEESA ("The Committee").

The Dr. Yang Fund will provide fund for qualified proposals with justified cost budget requests for synergistic activities focusing on environmental protection and eco-humanistic education. The objectives of the Dr. Yang Fund are to (1) enhance the advancement of environmental science, technology, and management and (2) provide education, training, growth, and information exchange opportunities for OCEESA members, environmental and related experts, and next-generation professionals.

### **2. Areas of Interest**

To realize the subject objectives, in 2024, the Dr. Yang Fund will focus on the following three areas of interest (AOI):

#### **(1) AOI-1: Promoting sustainable development**

The Committee is seeking a proposal that focuses on issues regarding sustainable development. We believe, through environmental education, such as producing and distributing multimedia publications, organizing media workshops and journalist forums, advocating green lifestyles, and promoting positive social values, the public will be more aware of the environmental issues associated with economic developments and understand its role in environmental protection.

#### **(2) AOI-2: Circular economy**

The Committee is seeking an applied research project focusing on one or more of the following circular economy principles: (a) eliminate waste and pollution, (b) keep products and materials in use, and (c) regenerate natural systems<sup>1</sup>. For example, research proposals relating to advancing/developing a cyclic system that turns the goods after their end of life into resources for others. The application areas might include, but are not limited to, water, energy, mining, agriculture, and manufacturing.

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<sup>1</sup> EMF, Towards the Circular Economy Vol. 1: an Economic and Business Rationale for an Accelerated Transition, Ellen Mac Arthur Foundation, 2012.



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### (3) AOI-3: Climate change

The Committee is seeking an applied research project aimed to advance knowledge or technology in climate impacts, resilience, adaptation, and/or mitigation. For example, research proposals relating to green storm infrastructure, climate resilience, carbon sequestration, new energy resources, and energy storage are sought. Proposals might include, but are not limited to, solutions involving renewable and zero-carbon energy production; zero-emission agriculture; decarbonized industrial processes and sustainable material extraction; climate finance and climate policy development; and climate justice and adaptation

### 3. Grant Information

#### (1) Grant Amount:

The committee expects to make up approximately 3 new awards up to \$60,000 each (\$30,000 per year for two years) direct costs (as defined in 5.(2)) with a minimum cost-sharing (as defined in 3.(2)) from the awardees.

#### (2) Cost sharing:

The cost share must be at least 25% of the total project cost. Total project cost is the sum of the Dr. Yang Fund share and the recipient share (i.e., cost share) of the project cost. For example, if the total project cost is \$80,000, an applicant must provide at least \$20,000 cost share to match the \$60,000 Dr. Yang Fund share.

The prime recipient, subrecipients, or third parties (entities that do not have a role in performing the scope of work) may provide cost share. Cash contributions include but are not limited to personnel costs, fringe costs, supply and equipment costs, indirect costs, and other direct costs. In-kind contributions are those where the value of the contribution can be readily determined, verified, and justified but where no actual cash is transacted in securing the good or service comprising the contribution. Allowable in-kind contributions include but are not limited to the donation of volunteer time or the donation of space or use of equipment.

#### (3) Period of Performance:

The Dr. Yang Fund anticipates each awardee to complete the project within a 24-month project timeframe.

### 4. Eligibility

- (1) **AOI-1:** Eligible applicants are limited to non-for-profit organizations in the United States, Greater China Area (Mainland China, Hong Kong, Macau, and Taiwan), and Singapore.



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- (2) **AOI-2 and AOI-3:** Eligible applicants are limited to faculty members/researchers of institutions of higher education in the United States, Greater China Area (Mainland China, Hong Kong, Macau, and Taiwan), and Singapore.

### **5. Use of Grant**

- (1) The grant amount is up to \$60,000 for a 24-month project timeframe. The Committee may negotiate the milestones, deliverables, and budgets for a selected project.
- (2) Grant will only be provided for actual project expenditures specified in the budget, up to the amount in the award.
- (3) Any awarded funding not expended after the project period will be forfeited.
- (4) Allowable project expenditures include salary and fringe benefits for project personnel, purchased services, materials and supplies, and travels. Indirect costs or overhead is not allowed.
- (5) The Committee will be evaluating proposals for the appropriateness of the project budget that is reasonable and necessary to complete the project within a 24-month timeframe.

### **6. Content of the Application**

- (1) **Cover Page:** The cover page form (see attachment) must be used to apply for a Dr. Yang Fund. No recreations of this form or any alternative forms will be accepted. No cover letter is needed.
- (2) **Project Summary:** The project summary may not exceed 250 words and must consist of the title of the project, the name of the principal investigator (PI), the lead organization, a list of co-PIs together with their organizations, a succinct summary of the intellectual merit of the proposed project, the broader impacts of the proposed work (including the potential long-term impact).
- (3) **Project Description:** The project description of the preliminary proposal is limited to three pages and should include the following three sections:
  - i. **Vision and Goals** - Describe the vision and specific goals of the proposed project;
  - ii. **Approach and Methodology** - Describe the approach and methodology, including the ethical, legal, and social implications of the project, that will be used to achieve the vision and goals; and
  - iii. **Transformative Impact** - Describe the transformative aspects of the project.



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### (4) References Cited

- (5) **Biographical Sketches of Senior Investigators:** Please limit the biographical sketch to projects that focus on relevant training and experience to the proposal. Senior investigators include the PI and any other Co-PIs.
- (6) **Budget and Budget Narrative:** The proposal must include a budget for the duration of the project proposed. The budget justification should also be included. Use the budget form attached with this document.

## 7. Proposal Submission

Proposals will be accepted until 5:00 PM PDT on July 31, 2024. Please submit the proposal as a PDF file and email to the Dr. Yang Fund Committee at [info@oceesa.org](mailto:info@oceesa.org).

## 8. General Evaluation Criteria

All applications are reviewed by the “Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund” Committee. Three proposals (one from each AOI) will be recommended to and reviewed by the OCEESA Broad of Directors before a final award decision is made by the Broad. Applications are reviewed based on:

- (1) Technical merits of the proposal;
- (2) Qualifications of the applicant(s) to accomplish their stated objectives;
- (3) The degree to which the project may achieve the objectives;
- (4) Cost sharing;
- (5) Cost-effectiveness of the proposed budget;
- (6) The degree to which the results of the project will be disseminated to multiple audiences;
- (7) Timeliness of the project.

## 9. Grant Award Decisions

Grant award notifications will be communicated to awardees via email in the week of August 11, 2024.

## 10. Post-Award Administration & Award Requirements

The “Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund”



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Committee is responsible for the administration of the grant. Awardees are expected to engage with the Committee and/or its designated management team regularly. As a condition of the grant, awardees will be expected to:

- Attend the project kickoff meeting;
- Provide written quarterly progress reports;
- Present an annual project update in the OCEESA's "Key Environmental Issue Webinar Series" and/or OCEESA sponsored conferences;
- Submit a final report within 30 days of the end of the project period that summarizes technical achievements.

Failure to provide timely and complete required documents may result in early termination of the project and may preclude the PI from being eligible for any funding in the future.

### **11. Recognition**

Awardees shall credit OCEESA and the Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund for their support of the project in all products produced under the agreement including reports; public documents; publications; press releases; presentations; and any signage.

Recommended Language: This project was funded through the Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund which is administered by the Overseas Chinese Environmental Engineers and Scientists Association.

### **12. Contact Information**

For more information or questions, please contact Mr. Anmin Liu  
[anminliu1@gmail.com](mailto:anminliu1@gmail.com)



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### **Attachments**

Cover Page Form

Budget Form



**Dr. Jentai Yang**  
**Sustainable Environmental Protection and Eco-humanistic Education Fund**  
**FY-2024**

**Application Form**

This form must be used to apply for a Dr. Yang Fund. No recreations of this form or any alternative forms will be accepted. Cover letters will be removed and discarded.

**PLEASE NOTE: PRINT CLEARLY OR TYPE**

Project Title: \_\_\_\_\_  
50 character limit

Amount Requested: \$ \_\_\_\_\_ Cost Sharing Amount: \$ \_\_\_\_\_

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**Project Applicant:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Email:** \_\_\_\_\_ **Phone:** (\_\_\_\_\_) \_\_\_\_\_

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Authorizing Officer:** \_\_\_\_\_ **Title:** \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: (\_\_\_\_\_) \_\_\_\_\_

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

**Fiscal Officer:** \_\_\_\_\_ **Title:** \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: (\_\_\_\_\_) \_\_\_\_\_

Tax ID (required): \_\_\_\_\_

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

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**OCEESA Dr. Yang Fund Committee:**

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

**Dr. Jentai Yang**  
**Sustainable Environmental Protection and Eco-humanistic Education**  
**Fund FY-2024**  
**Budget Form**

	Requested Funds	Description
A. Salaries & Wages		
B. Fringe Benefits		
<b>C. Total Salaries &amp; Benefits (A+B)</b>		
D. Non-expendable Equipment		
E. Expendable Materials & Supplies		
F. Travel		
G. Services or Consultants		
H. Computer Costs		
I. Publications/Presentations		
J. All other direct costs		
<b>K. Non- Salary Direct Costs (D thru J)</b>		
L. Total Salaries & Benefits (from C)		
M. Non-Salary Direct Costs (from K)		
Total Cost		

## Budget Form Instructions

All items should be rounded to the nearest \$10.

**A. SALARIES AND WAGES** – List the project director as such. List professional non-faculty or non-staff associated with the project as professionals. List professional persons participating in the project who are part-time employees or persons retained solely for the project, or staff members of participating organizations as project associates.

Consultants should be listed under “Services or Consultants.”

**B. FRINGE BENEFITS** – Propose amounts in conformance with normal accounting procedures. Indicate whether the rates are used for application purposes or whether they are fixed or provisional rates for billing purposes.

**C. TOTAL SALARIES AND BENEFITS (A + B)**

**D. NON-EXPENDABLE EQUIPMENT** – This is defined as an item of property which has an acquisition cost of \$500 or more per unit, an expected life of two years or more and does not lose its identity when joined or made a part of another piece of equipment. Organizations performing project with the support of the Dr. Yang Fund are expected to have appropriate facilities, suitably furnished and equipped.

**E. EXPENDABLE MATERIALS AND SUPPLIES** – Those required should be indicated in general terms such as office, laboratory, computing, and field supplies with estimated costs. **Provide detail on specific items when the amount is over \$500.** If fabrication of equipment is proposed, list parts and materials required for each, and show costs separately from the other items.

**F. TRAVEL** – All travel is to be in accordance with the established travel policy of the applicant and its relationship to the project should be briefly described if not apparent. All estimated costs should be itemized showing the number of trips required, type of trip (field, meeting, etc.), the destinations, per diem and local reimbursement rates allowed by the applicant, and any miscellaneous expenses for each trip. **NOTE: Grant funds may be used for travel to conferences.**

**G. SERVICES OR CONSULTANTS** – Proposed sub-awards or subcontracts must be disclosed in the proposal, including a detailed budget and work statement, so that the grant instrument may contain Dr. Yang Fund authorization, if appropriate. If the need for consultant services is anticipated, the proposal narrative should provide appropriate rationale and the proposal budget should estimate the amount of funds that may be required for this purpose. List the names of consultant(s) and provide a breakdown of consultant estimates in the Budget Justification section.

**H. COMPUTER COSTS** – The costs of computer services, including computer-based retrieval of scientific and technical information should be described, if not apparent. A justification based on the established computer service rates at the proposing organization should be provided. Reasonable costs of leasing automatic data processing equipment may be requested, if justified.

**I. PUBLICATION AND PRESENTATION** – This includes the cost to publish in scientific journals and prepare independent publications. These costs should be justified within the text of the proposal.

**J. ALL OTHER DIRECT COSTS** – Other anticipated direct costs, examples: shipping; equipment-use charges; and other services not included above should be itemized here. Provide a justification of the service and a breakdown showing the cost and how it was estimated.

**K. TOTAL NON SALARY DIRECT COSTS (C thru J)**

**L. M, TOTAL COSTS** - Total cost for the project, calculated from above lines. The amount requested should not exceed \$60,000.