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Overseas Chinese Environmental Engineers & Scientists Association

April 11, 2022

The Overseas Chinese Environmental Engineers & Scientists Association (OCEESA) is pleased to announce that Dr. Jentai Yang and OCEESA has created the "Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund" (Dr. Yang Fund), administered by a special committee under OCEESA. Dr. Yang Fund will provide grants for qualified projects for synergistic activities focusing on environmental protection and eco-humanistic education in the United States and the greater China area.

Currently, OCEESA is requesting grant applications for subjects related to climate change, renewable energy and new media communication methodology in public awareness of environmental protection and eco-humanistic education for present and next generation professionals for the two-year period of 2022 to 2024. Please see the attached Request for Grant Application (RFGA) for details.

We welcome all qualified applicants to apply for the grants. If you have any questions regarding this RFGA, please feel free to contact Mr. Anmin Liu at anminliu1@gmail.com.

Please visit OCEESA website at www.oceesa.org for future announcement.

Regards,

Jinghui Niu

President 2021-2022

Overseas Chinese Environmental Engineers and Scientists Association



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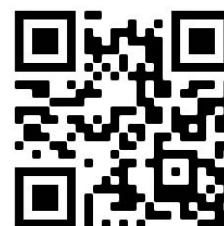
Dr. Jentai Yang

Sustainable Environmental Protection and Eco-humanistic Education Fund

Grant Applications | 2022

Key Dates

- Applications due – **May 15, 2022, by 5:00 PM PDT.**
- Award notices – **week of June 19, 2022.**
- Project kickoff meeting – **week of July 17, 2022.**
- Project period – **August 1, 2022 – July 31, 2024.**





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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 OCEESA (Overseas Chinese Environmental Engineers & Scientists Association) 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 projects 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, 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 2022, the Dr. Yang Fund will focus on the following four areas of interest (AOI):

(1) AOI-1: Promoting sustainable development in mainland China

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

(2) AOI-2: Developing carbon dioxide sequestration technology in Taiwan

The Committee is seeking a proposal related to the development of solvents for the CO₂ capture project in Taiwan. Environmental pollution is a critical problem of the 21 century, which has seriously affected the quality of our air, water, soil, and ecosystem, especially from CO₂ emissions. The solution to this problem relies both on our constant efforts, as well as the public awareness of environmental issues and treatment technologies.



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(3) AOI-3: Minimizing environmental impacts from energy development

The Committee is seeking a proposal related to the mitigation of environmental impacts associated with coal-fired power generation. Coal has been an important energy source for the United States and China. In 2005, approximately 50% of the energy consumption in the U.S. was provided by coal combustion, which had decreased significantly to approximately 10% in 2020. Despite the drastic decrease of the energy dependence of coal, the impacts associated with coal-fired power generation, such as abandoned coal mines, coal mine drainage, and coal combustion residuals, continue to be environmental issues. Applications of advanced technologies applicable to increasing the beneficial utilization of coal combustion residuals or mitigating environmental impacts associated with coal mining are sought.

(4) AOI-4: Broadening impact on promoting environmental awareness, education, and technology in mainland China

The Committee is seeking an application from an undergraduate/graduate student who is perusing a Journalism/ Communication degree, or related majors, in the United States to investigate the impacts of promoting environmental education, green life style, and traditional Chinese culture on public's environmental awareness. The student is required to select a topic of his/her interest related to sustainable development in mainland China, develop a research and travel plan, participate in the activities supported by the Dr. Yang Fund in AOI-1, observed the impacts, and publish his/her investigation in a news/social media platform, at minimum, once per funding year.

3. Grant Information

(1) Grant Amount:

- a. AOI-1 may request up to \$120,000 (\$60,000 per year for two years award) direct costs (as defined in 5.(2));
- b. AOI-2 may request up to \$20,000 direct costs (\$10,000 per year for two years award);
- c. AOI-3 may request up to \$20,000 direct costs (\$10,000 per year for two years award);
- d. AOI-4 may request up to \$10,000 (\$5,000 per year for two years award).

(2) Cost sharing: Including cost sharing is encouraged.

(3) Period of Performance: The Dr. Yang Fund anticipates making awards for a 24-month project timeframe. The expected start date for projects is July 1, 2022.



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4. Eligibility

- (1) AOI-1: Eligible applicants are limited to non-profit entities based in greater China.
- (2) AOI-2: Eligible applicants are faculty members/researchers of institutions of higher education in Taiwan.
- (3) AOI-3: Eligible applicants are faculty members/researchers of institutions of higher education in the United States.
- (4) AOI-4: Eligible applicants are limited to undergraduate/graduate students in Communication or Journalism major, or related majors, enrolled in institutions of higher education in the United States.

5. Use of Grant

- (1) The grant amount is up to \$120,000 for AOI-1, up to \$20,000 for AOI-2 and AOI-3, and up to \$10,000 for AOI-4 for 24-month project timeframe.
- (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;



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- 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.

(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 May 15th, 2022. Please submit the proposal as a PDF file and email to the Dr. Yang Fund Committee at 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. The recommendations are 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 of the AOs;
- (4) Cost-effectiveness of the proposed budget;
- (5) The degree to which the results of the project will be disseminated to multiple audiences;
- (6) Timeliness of the project.



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9. Grant Award Decisions

Grant award notifications will be communicated to awardees via email the week of May 31, 2022.

10. Post-Award Administration & Award Requirements

The “Dr. Jentai Yang Sustainable Environmental Protection and Eco-humanistic Education Fund” 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;
- Meet quarterly (in person or by telecommunication) with the committee;
- Provide written quarterly progress reports;
- Present an annual project update in the OCEESA's "Key Environmental Issue Webinar Series";
- 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



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Attachments

Application Form

Budget Form

Dr. Jentai Yang
Sustainable Environmental Protection and Eco-humanistic Education Fund
2022

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 ☐ Yes, Amount: \$ _____; ☐ No

Area of Interest: ☐ AOI-1 ☐ AOI-2 ☐ AOI-3 ☐ AOI-4

Project Applicant: _____ **Title:** _____

Advisor (AOI-4 Only): _____ Title: _____

Organization: _____

Address: _____

Email: _____ **Phone:** (_____) _____

Applicant Signature: _____ Date: _____

Advisor Signature: (AOI-4 Only) _____ Date: _____

Authorizing Officer: _____ **Title:** _____

Organization: _____

Address: _____

Email: _____ Phone: (_____) _____

Signature: _____ Date: _____

Fiscal Officer: _____ **Title:** _____

Organization: _____

Address: _____

Email: _____ Phone: (_____) _____

Tax ID (required): _____

Signature: _____ Date: _____

OCEESA Dr. Yang Fund Committee:

Name: _____ Title: _____

Phone: (_____) _____ Email: _____

Dr. Jentai Yang
Sustainable Environmental Protection and Eco-humanistic Education Fund
FY-2022
Budget Form

	Requested Funds	Description
A. Salaries & Wages		
B. Fringe Benefits		
C. Total Salaries & Benefits (A+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		
K. Non- Salary Direct Costs (D thru J)		
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 \$120,000 for AOI-1, \$20,000 for AOI-2 and AOI-3, and \$10,000 for AOI- 4.