



### Requirements:

Any scientist/researcher interested in availing of the fellowship must file an application to the proposed host institution.

The application must include the following:

1. Three (3) copies of the completed research proposal form (capsule proposal)
2. Certified true copies of BS, MS or PhD diplomas
3. Updated curriculum vitae
4. Letter of acceptance from the host scientist
5. Three (3) letters of recommendation (one from the head of institution where the applicant is affiliated and two from referees)
6. Certification of no pending administrative case from the affiliated institution
7. Physical/medical examination report (to be submitted after the approval of the application)
8. Memorandum of Agreement signed by all parties (to be submitted after the approval of the application)

Prescribed proposal forms and other guidelines can be downloaded from DA Biotech Program's website at <http://www.dabiotechnet.net> or may request via email at [biotechpiu@yahoo.com](mailto:biotechpiu@yahoo.com) or [piu@dabiotechnet.net](mailto:piu@dabiotechnet.net).

All requirements (except nos. 7 & 8) must be submitted to DA Biotechnology Program by regular mail or courier. Electronic copy of proposals may be submitted online at [biotechpiu@yahoo.com](mailto:biotechpiu@yahoo.com).

### Host Institutions

All research projects under this program shall be conducted in the following host institutions:



#### Philippine Rice Research Institute

Maligaya, Science City of Muñoz  
Nueva Ecija, 3119

<http://www.philrice.gov.ph>

(+6344) 456-0415/456-0113

(+6344) 456-0112 fax



#### Philippine Carabao Center (PCC)

National Headquarters and Gene Pool  
Science City of Muñoz  
Nueva Ecija, 3120

<http://www.pcc.da.gov.ph>

(+6344) 456-0731 to 34

(+6344) 456-0730 fax



#### Bureau of Fisheries & Aquatic Resources- National Fisheries Research & Development Institute/ Southeast Asian Fisheries Development Center-AQD

Tigbauan, Iloilo 5021

<http://www.seafdec.org.ph>

(+6333) 336-2965/511-8709

(+6333) 335-1008 fax



#### DA Biotechnology Business Incubation Facility

BAI Building, Visayas Avenue  
Quezon City 1100

This research fellowship program is supported and organized by the **Philippine Agriculture and Fisheries Biotechnology Program (DA Biotech Program)**



#### DA Biotech Program Office

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# DA Biotechnology Research Fellowship Program

Philippine  
Agriculture and Fisheries  
Biotechnology Program  
Department of Agriculture



**T**HE AGRICULTURAL BIOTECHNOLOGY CENTER which was established in 2005 provides a network of laboratories consisting of the Philippine Rice Research Institute (PhilRice) for crops, Philippine Carabao Center (PCC) for livestock, and the Bureau of Fisheries and Aquatic Resources-National Fisheries Research and Development Institute/Southeast Asian Fisheries Development Center (BFAR-NFRDI/SEAFDEC) for fisheries. In addition, the DA Biotechnology Program has established a Biotechnology Business Incubator Facility for the purpose of piloting selected technologies.

The **DA Biotechnology Research Fellowship Program** aims to complement the expansion in commodity assignments of the above laboratories, augment the limited manpower for biotechnology, and modernize Philippine agriculture.

This research fellowship program is supported and organized by the DA Biotechnology Program.

It will allow well-trained scientists and researchers, local or foreign, to conduct research in key laboratories of the DA Agricultural Biotechnology Center in areas identified as urgent or necessary by the Biotechnology Program.

## Priority Research Areas

Grants are provided for R&D projects addressing the following identified priority research areas:

### 1. Natural Ingredients Biotechnology

Researches that:

- create new natural ingredient-based products or industries for food, medicine and industrial uses;
- develop new or improved technologies for indigenous or medicinal plants production and micropogation, extraction, bioprocessing and bio-agri-input production; and,
- address the current needs and demands of the natural ingredients industry.

### 2. Crop Biotechnology

Researches that:

- improve competitiveness of traditional crops like rice, corn, abaca, coconut, seaweeds through integrated processing or value adding;
- improve crop production like crops with good quality traits

- and virus resistance; and,
- provide viable solution to pressing problems in crop production and sustainability.

### 3. Livestock Biotechnology

Researches that:

- improve livestock production and competitiveness through reproductive biotechnologies, Marker Assisted Selection (MAS) and other biotechniques;
- develop and/or improve reproductive technologies in carabao for more meat and milk;
- develop and/or improve animal feedstuff, vaccines, antibiotic production and waste utilization and management; and,
- provide viable solution to pressing problems in livestock production and sustainability.

### 4. Fisheries and Aquatic Resources Biotechnology

Researches that:

- improve fishery productivity and competitiveness through integrated processing or value adding of traditional produce like seaweeds and tilapia;
- apply the DNA Marker Technology and other biotechnologies for the genetic improvement of seaweeds, tilapia and other marine species; and,
- provide viable solution to pressing problems in fisheries and aquatic production to ensure sustainability.

## Expected Outputs and Schedule:

The Grant research must be completed within the period of the Fellowship Program. Outputs are either: **patentable technologies, technologies readily adoptable by farmers and fisherfolk, or new scientific information/methodology.**

## Types of Grants:

- (1) Research Fellowship Grant which shall be applicable for short-term studies to be performed within two (2) months up to one year; and
- (2) Senior Scientist Research Fellowship Grant which shall be applicable for long-term studies with duration of one year up to two years renewable for another six months under meritorious circumstances.

## Qualifications of Applicants

- (1) Research Fellowship Grant
  - At least an MS degree holder
  - Applicant(s) must be presently active in research with at least one (1) publication as first author or two (2) publications as co-author in ISI-indexed journals within the last five (5) years.
- (2) Senior Scientist Research Fellowship Grant
  - A PhD degree holder
  - Applicant must be active in research with at least three (3) publications as first author in ISI-indexed journals within the last ten (10) years.

## Terms of Grant

1. The grantee is awarded a monthly stipend of P25,000 for a Research Fellow and P40,000 for a Senior Scientist Research Fellow.
2. A Research Fund shall be made available which will cover maintenance and other operating expenses for the conduct of the research. The amount shall range from P100,000 to a maximum of P400,000 per year.
3. A Capital Outlay Fund ranging from amount of P100,000 to maximum of P300,000 shall be provided for each grantee for the purchase of necessary equipment for the conduct of the study. All equipment, machines, supplies, etc. purchased shall be transferred to the host institution after the study.
4. An honorarium amounting to P5,000 per month shall be given to the host scientist in providing additional technical inputs to the research. The host scientist shall take an active role in the research project and shall be part owner of any intellectual property arising from the research such as being a co-author in the publications and designated as co-inventor in the patent application.
5. Accommodation / lodging shall be made available by the host institution during the conduct of research but cost of utilities shall be shouldered by the grantee.
6. Research grantees shall likewise be subject to the rules and guidelines of their respective institution including return service contract (e.g., leave with pay).