

# **NAST PHILIPPINES:**

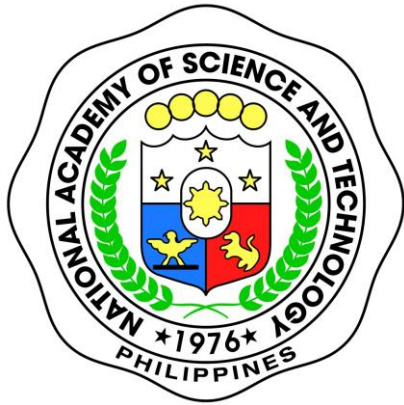
*In recognition of Excellence in  
Science and Technology*

**LUNINGNING E. SAMARITA-DOMINGO**

Director IV

National Academy of Science and Technology, Philippines

# What is NAST Philippines?



**NAST Philippines** was mandated to

- **Recognize outstanding achievements in science and technology** as well as provide meaningful incentives to those engaged in scientific and technological researches (PD 1003-A)
- **Advise the President and the Cabinet on matters related to science and technology** (EO 818).
- Engage in projects and programs designed to **recognize outstanding achievements in science and promote scientific productivity** (EO 818).
- **Embark on programs traditionally expected of an academy of science** (EO 818).

# RECOGNITION FUNCTION

## ORDER OF NATIONAL SCIENTIST

The highest honor given by the President of the Republic of the Philippines to a Filipino man or woman of science in the Philippines who has made significant contributions in one of the different fields of science and technology.

The honor was created under Presidential Decree No. 1003-A on December 16, 1976. Since 1978, the Academy has conferred the rank and title of National Scientist to 41 Filipinos, 13 of whom are still alive.



# RECOGNITION FUNCTION

## NAST MEMBERSHIP

**ACADEMICIAN.** Membership to the Academy is by peer recognition and carries with it the title of “Academician.” Elected as Academicians are resident Filipino scientists who have made exemplary contributions to science and technology and have advanced its cause in the Philippines.

**CORRESPONDING MEMBER.** Corresponding membership is conferred on non-resident Filipino scientists who have made exemplary contributions to the advancement of science and technology in the country and must have continuing connections and contributions to Philippine science. They should regularly come to the Philippines to practice their field of expertise.

As of March 2019:

Academician = 71

Corresponding Member = 13

# RECOGNITION FUNCTION

The Academy continues its primary mandate of giving awards to Filipino scientists and scientific and technological endeavours aimed at advancing the state of Philippine science and



## ● NAST Awards

- ✓ Outstanding Young Scientist
- ✓ TWAS Prize for Young Scientist in the Philippines
- ✓ Outstanding Book And/Or Monograph Awards
- ✓ Outstanding Scientific Paper Awards
- ✓ NAST Award for Outstanding Research in Tropical Medicine
- ✓ NAST Environmental Science Award
- ✓ NAST Talent Search for Young Scientists
- ✓ Dr. Geminiano T. de Ocampo Visionary Awards for Medical Research



# RECOGNITION FUNCTION

- **DOST Awards**

- NSTW Awards:
  - Outstanding Research And Development Award (Eduardo A. Quisumbing Medal – Basic Research)  
(Julian A. Banzon Medal – Applied Research)
  - Outstanding Technology Commercialization Award (Gregorio Y. Zara Medal)
  - Outstanding Science Administrator Award (Dioscoro L. Umali Medal)
- Magsaysay Future Engineers / Technologist Award
- DOST International Publication Award (for DOST Personnel)
- DOST Registered Patent/Utility Model Award (for DOST Personnel)



# RECOGNITION FUNCTION

## Activities under Recognition Function

- **NAST Lecture Series** – aims to promote science and technology and to bring our scientists closer to the grassroots
- **NAST Symposium for the Youth** – aims to promote science and technology and to bring our scientists closer to the youth

# RESEARCH UPGRADING AND PERFORMANCE EVALUATION

## **Module 1 – Capacity Building in the Countryside**

### Objectives:

- To build the capacity of young and aspiring researchers from state colleges and universities in preparing good quality and highly competitive research proposals and in writing scientific articles for publication in scholarly journals; and
- To promote awareness and appreciation of science towards developing a science culture through collaboration and networking of regional researchers.

## **Module 2 – Strengthening the Scientific Foundation**

### Objectives:

- Improving output of DOST R&D Institutes
- Research performance evaluation
- Increasing publication outputs



# RESEARCH PERFORMANCE EVALUATION

## **Module 3 – Using Science for Inclusive Development**

### Objectives:

- Discuss research and development enabling and support mechanism
- Explore regional development plans and the role of the DOST Research and Development Consortia in Regional Development
- Identify the flagship researches and projects and future plans of action
- Develop stakeholders map for research and development
- Develop plans with parallel timelines on how to manage knowledge transfer of research and projects to the local development.

## **Module 4 – R&D for Inclusive Development and Sustainability**

# ADVISORY FUNCTION

- Through its advisory activities, NAST has been able to bring science and technology closer to the lives of the Filipino people.

- Activities: **Legislative and Information Fora, Roundtable Discussions, Conferences, etc.**

*Topics:* Biotechnology, Genetic Engineering, Research Performance Evaluation, Manufacturing, Intellectual Property Rights, Information and Communications Technology, High Performance Computing, Sustainable Agriculture and Waste Management, Water Resource Management among others.



# ADVISORY FUNCTION

- Main Activity:

**41<sup>st</sup> Annual Scientific Meeting (2019)**

***“Caring for the Country’s Carrying Capacity”***

## **Regional Scientific Meetings:**

**Luzon – April 24-25; Pangasinan**

**Visayas – March 20-21; Tacloban, Leyte**

**Mindanao – May 21-22 (tentative); Gen. Santos City**

# ADVISORY FUNCTION

- **Speakers Bureau** is a program under the Advisory and Advocacy Functions of NAST Phl. This activity aims to gather and bring experts in various fields to lend their expertise to academic institutions or any interested organizations who are in need of speakers and resource persons on any science-related issues.



# SCIENTIFIC LINKAGES FUNCTION

- NAST's commitment to international and national linkages are aimed at:
  1. Promoting **collaborative efforts** among Filipino scientists and between Filipino and Foreign scientists;
  2. **promoting and encouraging scientific cooperation** through Scientists Exchange Visit Program under the memorandum of agreement between NAST and a foreign science academy;
  3. **endorsing participation** in international conferences, meetings, fora, seminars, workshops and similar scientific activities; and
  4. **publishing and exchanging scientific literature.**

# SCIENTIFIC LINKAGES FUNCTION

- **International Scientific Linkages**

As of 2014, the Academy has maintained linkages with 29 science academies and institutions all over the world. These linkages have enabled the promotion of collaborative effort among Filipino and foreign scientists through the exchange scientists program. Access to research findings has been facilitated through the exchange of books and other scientific materials.

- 15 International Scientific Linkages
- 9 Affiliations to International Scientific Networks
- 5 Local Scientific Linkages





# PHILIPPINE SCIENCE HERITAGE CENTER

- **Philippine Science Heritage Center** (PSHC) was created under Republic Act 9107 to be the country's main repository of the contributions, achievements, and accomplishments of Filipino scientists in the field of science and technology.



PHILIPPINE  
SCIENCE  
& HERITAGE  
CENTER

# PHILIPPINE SCIENCE HERITAGE CENTER

## ACTIVITIES

**SALINLAHI SYMPOSIUM.** A series of symposia tackling one S&T-related matter to bring science closer to the public and to areas not usually reached by scientific conferences and seminars targeting elementary and high school students and teachers.

**MEET YOUR SCIENTIST.** A monthly seminar that aims promote the achievements and contributions of Filipino scientists and increase awareness and appreciation of students on science-related degrees and inspire them to pursue careers in these fields.

# PHILIPPINE SCIENCE HERITAGE CENTER

## ACTIVITIES

**SALINLAHI GURO NG SIYENSYA.** Recognizing the role of science teachers in the promotion of a scientific culture, PSHC conducts a seminar –workshop for science facilitators.

It aims to equip science teachers with the latest information about science-related matters such as innovative ways of teaching science, biotechnology, and science communication, among others.

**SALINLAHI EVOLUTION.** A game development competition which aims to encourage the youth to produce computer or mobile learning games anchored on science and technology

# SCIENTIFIC CAREER SYSTEM

*“A system of recruitment, career progression, recognition, reward and attraction of scientists in the public service.”*

# SCIENTIFIC CAREER SYSTEM

- Established through Executive Order 901 on 19 July 1983 issued by late then President Ferdinand E. Marcos.
- **INCENTIVES AND BENEFITS**  
Conferment of scientist rank is accompanied by increase in salary.
  - **Scientist I - SG 26**
  - **Scientist II - SG 27**
  - **Scientist III - SG 28**
  - **Scientist IV - SG 29**
  - **Scientist V - SG 30**
- **OTHER ENTITLEMENTS**
  - RATA
  - Magna carta benefits
  - Travel assistance (local)
  - Membership in one international scientific organization and/or subscription to scientific journals
  - Publication assistance
  - International paper presentation

# For more information please contact:

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**Thank you.**